

PROGRAMMATIC CATEGORICAL EXCLUSION
FOR STATE AND FEDERALLY FUNDED ACTIONS
 Wisconsin Department of Transportation
 Revised July 2019

WisDOT Design and Construction IDs 9200-10-00 (Design) 9200-10-72 (Construction) <u>Broadband Fiber Optic Construction Only</u>	Federal Project IDs (if available)	Legal Description (Township, Range, Section) Sections 2,3,4,9,10,11,12,13,14,15,16,21,22,23,24,25, and 28 / Town 24 North / Range 19 East Sections 33,34, and 35 /Town 25 North / Range 19 East Sections 18,19, and 30 / Town 24 North / Range 20 East	County Brown/Outagamie
Project Name Green Bay – Shawano		Project Termini/ Location County VV Interchange	
Name of Route or Facility to be Improved WIS 29	Facility Classification Principal Arterial	Improvement Type Reconstruction	
Estimated Project Cost in Year of Expenditure \$ (include R/W Cost) \$1,300,000 (Construction) \$0 (R/W)		Funding Source(s) (check all that apply) <input checked="" type="checkbox"/> State <input checked="" type="checkbox"/> Federal <input checked="" type="checkbox"/> Local	
23 CFR 771.117(d) Project Type Number and Text (see Table 1 below) d(13)(27) Highway safety or traffic operations improvement projects, including the installation of ramp metering control devices and lighting.			
Section 4(f) <input checked="" type="checkbox"/> None <input type="checkbox"/> de minimis <input type="checkbox"/> Bikeway/ Walkway <input type="checkbox"/> Minor Park/ Rec <input type="checkbox"/> Minor Historic <input type="checkbox"/> Net Benefit <input type="checkbox"/> Exception			
Right of Way Acquisition 0 Total Acres 0 Fee Simple Acres 0 Permanent Easement Acres 0 Temporary Easement Acres			
Number of Buildings Acquired <input checked="" type="checkbox"/> None Vacant Buildings Occupied Buildings			
Name of Individual/ Firm Preparing this Form Phil Verville III, PE, Ayres Associates		Project Start Date March 21, 2019 (Native American Letters Sent)	

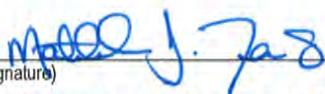
WisDOT Region Environmental Coordinator or BTS-EPDS Liaison

I certify that I meet the requirements for staff who review and recommend approval of Categorical Exclusion (CE) actions, specified in the FHWA – WisDOT CE Agreement. I further certify that I have reviewed this document and agree with the determination that the proposed project and resultant impacts meet the definition of a CE as described in 23 CFR 771.117(a) & (b) and will not result in significant environmental impacts. I recommend this CE for approval.


 (Signature)
 Mike Helmick
 (Print Name)
 11-6-2019
 (Date)

WisDOT Region or Central Office Project Manager

I certify that I am familiar with this proposed project and its impacts and that the information contained in this document is accurate and can be relied upon for documentation decisions. I further certify that the mitigation measures and commitments proposed herein will be incorporated into the project plans and contract documents. I approve this CE.


 (Signature)
 MATTHEW J. TERNES - NE REGION PROJECT MANAGER
 (Print Name)
 11/6/2019
 (Date)

Section One: Introduction & Regulatory Requirements

1.1 Purpose and Eligibility

The FHWA – WisDOT Categorical Exclusion Programmatic Agreement (Agreement) allows WisDOT to make categorical exclusion (CE) determinations on FHWA's behalf for certain projects listed in 23 CFR 771.117(d) when the projects do not exceed the environmental impact criteria specified in the Agreement. The Programmatic Categorical Exclusion (PCE) is the acceptable form of documentation for these projects. While the PCE is based on the Agreement with FHWA, it may also be used to document certain projects that require only state and/or local funding and approvals.

The actions described in Table 1 are eligible for PCE consideration if (1) they meet the definitions of an action, (2) they do not include significant impacts, (3) they do not include unusual circumstances that warrant the preparation of an Environmental Report (ER), Environmental Assessment (EA), or Environmental Impact Statement (EIS), and (4) they do not exceed the environmental impact thresholds specified in the Agreement. Any project that does not meet these criteria or that has been determined to have substantial controversy based on environmental grounds is not eligible for PCE consideration.

A determination that this project satisfies the criteria for a PCE does not relieve the applicant of the requirement to comply with other laws and regulations including, but not limited to, Section 404 of the Clean Water Act, Section 7 of the Endangered Species Act, Section 106 of the National Historic Preservation Act, and Section 4(f) of the US Department of Transportation Act. Coordination to comply with these other laws may require FHWA involvement. Furthermore, designation of this project as a PCE does not relieve the requirement for WisDOT to coordinate with WDNR under the Cooperative Agreement. Any correspondence or documentation used to comply with federal, state, or local laws or regulations should be maintained in the project file and provided with this checklist upon request.

23 CFR 771.117(d)(13) allows the actions described in 23 CFR 771.117(c)(26-28) to be processed as (d)-list actions if they do not meet the criteria in 23 CFR 771.117(e). An action that does not meet the criteria in paragraph (e) may be documented with a PCE *unless* it is disqualified by the environmental impact criteria of Section VII.A. of the Agreement, which are reflected on this PCE form. If an action fails to meet both sets of criteria, it must be documented with an ER, EA, or EIS, as applicable.

Table 1: Eligible Categorical Exclusion Project Types

<p>23 CFR 771.117(d)</p> <p>(1-3) Reserved</p> <p>(4) Transportation corridor fringe parking facilities.</p> <p>(5) Construction of new truck weigh stations or rest areas.</p> <p>(6) Approvals for disposal of excess right-of-way or for joint or limited use of right-of-way, where the proposed use does not have significant adverse impacts.</p> <p>(7) Approvals for changes in access control.</p> <p>(8) Construction of new bus storage and maintenance facilities in areas used predominantly for industrial or transportation purposes where such construction is not inconsistent with existing zoning and located on or near a street with adequate capacity to handle anticipated bus and support vehicle traffic.</p> <p>(9) Rehabilitation or reconstruction of existing rail and bus buildings and ancillary facilities where only minor amounts of additional land are required and there is not a substantial increase in the number of users.</p> <p>(10) Construction of bus transfer facilities (an open area consisting of passenger shelters, boarding areas, kiosks and related street improvements) when located in a commercial area or other high activity center in which there is adequate street capacity for projected bus traffic.</p> <p>(11) Construction of rail storage and maintenance facilities in areas used predominantly for industrial or transportation purposes where such construction is not inconsistent with existing zoning and where there is no significant noise impact on the surrounding community.</p> <p>[Note: 23 CFR 771.117(d)(12) "Acquisition for hardship or protective purposes" may not be processed with a PCE]</p> <p>(13) Actions described in paragraphs (c)(26), (c)(27), and (c)(28) of this section that do not meet the constraints in paragraph (e) of this section.*</p>

**23 CFR 771.117(c)(26-28) appear below. If processing a project of this type with the PCE, use number (d)(13) and the appropriate CE type description where necessary.*

(26) Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (including parking, weaving, turning, and climbing lanes).

(27) Highway safety or traffic operations improvement projects, including the installation of ramp metering control devices and lighting.

(28) Bridge rehabilitation, reconstruction, or replacement or the construction of grade separation to replace existing at-grade railroad crossings.

1.2 Project is a Complete FHWA Action

Check all boxes that apply to the proposed project. To process your project with this checklist, you must be able to check all boxes.

23 CFR 771.111(f) In order to ensure meaningful evaluation of alternatives and to avoid commitments to transportation improvements before they are fully evaluated, the action evaluated shall:

- (1) Connect logical termini and be of sufficient length to address environmental matters on a broad scope
- (2) Have independent utility or independent significance, i.e., be usable and be a reasonable expenditure even if no additional transportation improvements in the area are made
- (3) Not restrict consideration of alternatives for other reasonably foreseeable transportation improvements

1.3 Unusual Circumstances

Check all boxes that apply to the proposed project. If any boxes in this section are checked, evaluate the scope of the project and coordinate with FHWA regarding the completion of more detailed environmental documentation.

23 CFR 771.117(b) Any action which normally would be classified as a CE but could involve unusual circumstances will require the FHWA, in cooperation with the applicant, to conduct appropriate environmental studies to determine if the CE classification is proper. Such unusual circumstances include:

- (1) Significant environmental impacts
- (2) Substantial controversy on environmental grounds – project is ineligible for PCE
- (3) Significant impact on properties protected by Section 4(f) of the DOT Act or Section 106 of the National Historic Preservation Act
- (4) Inconsistencies with any federal, state, or local law, requirement or administrative determination relating to the environmental aspects of the action
- Other unusual circumstances not listed in FHWA regulations (describe below)
(In Wisconsin, auxiliary lane and capacity expansion projects that are proposed for processing with this checklist are examples of unique or unusual circumstances and will require consultation with FHWA before proceeding with the project.)

Describe any unique or unusual circumstances and subsequent coordination with FHWA:

None

1.4 Tribal Lands

For projects, regardless of project type, located partially or entirely on Tribal lands in trust, allotted, or reservation status, WisDOT Region staff shall consult with BTS-EPDS staff prior to preparing PCE documentation. In certain cases, the involvement of Tribal land may warrant preparing higher level environmental documentation (e.g. ER instead of PCE) than what is normally required by the FHWA – WisDOT CE Agreement. WisDOT BTS-EPDS staff will ensure adequate Tribal consultation by WisDOT and engage FHWA in consultation when necessary.

Describe any Tribal coordination:

Initial coordination letters with the Native American Tribes were sent on March 21, 2019. Update letters with the final proposed fiber/broadband route were sent to Native American Tribes on October 9, 2019. See Exhibit D for coordination letters.

In addition to the initial and update letters to the Native American Tribes, extensive coordination with the Oneida Nation was completed regarding the (2) initially proposed fiber/broadband routes, as the routes pass through the Oneida Nation Reservation. The (2) initially proposed routes passed through culturally sensitive areas of the Oneida Nation, therefore, a hybrid route was developed in cooperation with the Oneida Nation. Part of the hybrid route, which is the final proposed route, was proposed by the Oneida Nation to avoid culturally sensitive areas. Through coordination and cooperation with the Oneida Nation, the final route was selected to avoid culturally sensitive areas as well as meet the purpose and need of the project. WisDOT held individual meetings with Oneida Nation officials regarding the fiber/broadband route in April 2019, June 2019, July 2019, and August 2019.

In addition to coordination with the fiber/broadband route, project coordination meetings are also held with the Oneida Nation to discuss all aspects of the project. WisDOT held individual meetings with Oneida Nation officials regarding the project in February 2019, April 2019, September 2019, and October 2019. WisDOT also has monthly coordination meetings scheduled with Oneida Nation officials from November 2019 – May 2020.

1.5 Preparing the Programmatic Categorical Exclusion

Once eligibility has been determined for a project, the PCE and associated documentation can be assembled. Each PCE document must include the following:

- ✓ Factor Sheets (as needed)
- ✓ Project Map (with title, cardinal directions, legend, scale, and state locator)
 - Aerial photograph (preferred)
 - Project boundaries/limits
 - Identify any public lands, waterways, and water bodies within or adjacent to the project boundary
 - Identify existing and new conditions if the project includes additional right of way (ROW)
 - Additional maps as needed to demonstrate project eligibility
- ✓ Appendices
 - Studies
 - Reports
 - *De Minimis* or Programmatic Section 4(f) documentation
 - Agency coordination/documentation
- ✓ Other documentation as necessary

Section Two: Description of the Project and Alternatives

2.1 Project Description

Provide a brief description of the proposed action. Include a discussion of the purpose and need (e.g. system linkage(s), transportation demand, legislation, social demands or economic development, modal interrelationships, safety, and roadway deficiencies as applicable).

In 2018, Brown County, along with the Villages of Howard and Hobart, successfully applied for and were awarded a grant for completion of the County VV interchange, through the U.S. Department of Transportation's Better Utilizing Investments to Leverage Development (BUILD) program to construct a grade separated interchange at WIS 29/County VV and extending a fiber/broadband utility to the project area. Preliminary design, environmental analysis, and agency coordination from previous Project ID 9200-06-00 were carried forward into the current design Project ID 9200-10-00.

Construction of the interchange at WIS 219/County VV will be constructed under Project ID 9200-10-71, while construction of the fiber/broadband will be completed under Project ID 9200-10-72. Although separate construction project IDs, both projects will be completed in conjunction with each other and bid together at the same time.

The proposed fiber/broadband extension included in the BUILD Grant follows unique routes and has independent utility from the transportation improvements proposed for WIS 29, County U, and County VV. Because of this, the environmental impacts of the fiber/broadband extension was not included in the Environmental Report for Project ID 9200-10-71.

The Environmental Report (ER) for Project ID 9200-10-71 was approved by Federal Highway Administration (FHWA) on August 9, 2019 and is available for review at the WisDOT Northeast Region Office.

The proposed interchange project under Project ID 9200-10-71 includes:

- Closure of the existing at-grade intersection of WIS 29 and County VV. Construction of a diamond interchange at County VV and WIS 29; located approximately 1,700 feet west of the existing County VV/WIS 29 intersection. This interchange would connect with Marley Street to the north and County VV to the south. Roundabouts would be constructed at the County VV/WIS 29 eastbound ramp terminus, and the Marley Street/WIS 29 westbound ramp terminus.
- Evergreen Avenue (existing Milltown Road) would be realigned to intersect with Marley Street at a roundabout located approximately 375 feet south of the existing Millwood Court/Marley Street intersection.
- County VV (Triangle Drive) would be realigned to intersect with a roundabout located approximately 1,000 feet southwest of the roundabout at County VV and the WIS 29 eastbound ramp terminus. A new roadway, would be constructed on the south leg of this roundabout, providing a connection to North Overland Road.
- Closure of the WIS 29 intersection with County U (County Line Road). On the north side of WIS 29, County Line Road would end at Glendale Avenue, and on the south side of WIS 29, County Line Road would connect to Old Wisconsin 29.

As noted above the BUILD Grant includes the extension of fiber/broadband to the County Highway VV and County U project area, enabling the expansion of Intelligent Transportation System (ITS) technologies in the area. This fiber/broadband extension would enable technologies including installation of closed-circuit surveillance/traffic cameras, to the County U and County VV portion of WIS 29.

Under Project ID 9200-10-72 the proposed improvements to install broadband fiber along will be along various roadways in Brown County, Wisconsin. (Sections 2,3,4,9,10,11,12,13,14,15,16,21,22,23,24,25, and 28 / Town 24 North / Range 19 East; Sections 33,34, and 35 /Town 25 North / Range 19 East; Sections 18,19, and 30 / Town 24 North / Range 20 East) The improvements would be funded by federal, state, and local transportation funds.

The proposed action starts at WIS 54/County Club Road intersection, goes west to County FF, follows County FF north to WIS 29, follows WIS 29 west to Marley Street, follows Marley Street north to Glendale Avenue, follows Glendale Avenue west to County U, follow County U north ending at School Drive. In addition there is an additional leg of the network that will start at WIS 29/Marley Street intersection, cross WIS 29 to North Overland Road, follow North Overland Road south to Trout Creek Road, follow Trout Creek Road west to County U, follows County U to ½ mile south of Trout Creek Road ending at the Brown County Communications tower. See Exhibit A – Broadband Fiber Route.

The proposed action is included in the WisDOT 2019-2022, April Amendment Statewide Transportation Improvement Program (STIP) as highlighted in Exhibit B.

Project Purpose

The purpose of the project is to extend fiber optic/broadband technologies to the project area.

Project Need

The need for the technologies includes the following.

- WisDOT Intelligent Transportation System (ITS) camera installation at County VV overpass
- Provide infrastructure to connect to the Pulaski School District
- Provide infrastructure to connect to the Brown County Public Safety radio tower
- Provide for future 5G and/or whitespace access to this rural area

WisDOT ITS camera installation will provide real time traffic data. Traffic cameras placed on major highways are used by the highway department and law enforcement to evaluate conditions during weather events and traffic incidents. In addition, WisDOT shares these feeds with news outlets – both radio and TV, which in turn pass the info onto commuters in the form of traffic reports.

Infrastructure to multiple schools within the Pulaski School District will provide for a connection to the schools. Connection to the schools would allow for additional bandwidth capacity for the school and technologies used by students and faculty.

Brown County Public Safety Communications Department maintains a system of towers to provide communications to public safety departments. One of these towers is located near the project site. The extension of the broadband to the area will allow for a hardwire connection to the tower. Currently the tower is linked to the communication center by a microwave link. A hardwired connection is more reliable as heavy moisture in the atmosphere, snow, rain and fog, can degrade the microwave transmission signal in a phenomenon known as rain fade.

In addition, with this there could be opportunities to use this fiber to provide future 5G and/or white space access.

2.2 Improvement Type

Identify the number and text of the 23 CFR 771.117 (d)-List project type (see Table 1) and provide a brief description of how the project fits this CE.

d(13)(27) Highway safety or traffic operations improvement projects, including the installation of ramp metering control devices and lighting.

2.3 Alternatives

Provide a brief description of any alternatives considered for this project, if multiple alternatives were considered.

The below alternatives were evaluated based on the purpose and need for this project, and the ability to extend broadband fiber to the County VV project area while minimizing adverse environmental impacts.

No Build

This alternative maintains the existing condition of no broadband fiber to the County VV project area.

While the No Build alternative does not meet the purpose and need for this project, it does serve as a baseline for comparison of impacts related to the preferred alternative.

Alternative #1 – Broadband fiber installation. (Primary Route)

This alternative would start at WIS 54/County Club Road intersection, goes west to County FF, follows County FF north to Trout Creek Road, follows Trout Creek Road to County U, follow County U north ending at School Drive. In addition there is a leg that follows Glendale Avenue east from County U to Marley Street. See Exhibit H – Alternative Routes.

The alternative would provide a wired connection with fiber optic cable to the County VV interchange, Pulaski School District, and Brown County Communications Tower, while allowing for future connections to provide internet access to promote business development.

This alternative would meet the project purpose and need, but due to culturally sensitive areas along Trout Creek Road this alternative route is not feasible.

Alternative #2 – Broadband fiber installation. (Secondary Route)

This alternative starts at WIS 54/County Club Road intersection, goes west to County FF, follows County FF north to WIS 29, follows WIS 29 west to Marley Street, follows Marley Street north to Glendale Avenue, follows Glendale Avenue west to County U, follow County U north ending at School Drive. See Exhibit H -Alternative Routes.

The alternative would provide a wired connection with fiber optic cable to the County VV interchange, Pulaski School District, while allowing for future connections to provide internet access to promote business development.

The alternative would not provide a direct connection to the Brown County Communications Tower.

While the alternative is feasible, it would not be prudent as it would not meet the project purpose and need of a direct connection to the Brown County Communications Tower.

Alternative #3 – Broadband fiber installation. (Hybrid Route)

The alternative starts at WIS 54/County Club Road intersection, goes west to County FF, follows County FF north to WIS 29, follows WIS 29 west to Marley Street, follows Marley Street north to Glendale Avenue, follows Glendale Avenue west to County U, follows County U north ending at School Drive. In addition there is a secondary leg of the network that will start at WIS 29/Marley Street intersection, cross WIS 29 to North Overland Road, follow North Overland Road south to Trout Creek Road, follow Trout Creek Road west to County U, follows County U to ½ mile south of Trout Creek Road ending at the Brown County Communications tower. See Exhibit A – Project Location Map.

This alternative would provide a wired connection with fiber optic cable to the County VV interchange, Pulaski School District, and Brown County Communications Tower, while allowing for future connections to provide internet access to promote business development.

This alternative is the preferred alternative as it is feasible and prudent. It would meet the project purpose and need as shown in this document.

2.4 Agency/Local Unit of Government Coordination and Public Involvement

Provide a brief description of coordination conducted with agencies and local unit(s) of government. Describe any unresolved issues and how they will be resolved. Attach evidence of agency and local unit of government coordination as applicable.

Coordination with Wisconsin Department of Natural Resources is ongoing. See Exhibit E for correspondence.

Coordination with US Fish & Wildlife Service is complete. See Exhibit F for correspondence.

Provide a brief discussion of public involvement efforts. Describe any concerns expressed, how those concerns were resolved and how any unresolved concerns will be resolved.

A public hearing for the proposed interchange project and the broadband project was held on June 5, 2019. Alternate #1 (Primary Route) and Alternative #2 (Secondary Route) were shown. There were no concerns expressed about the broadband project.

After the public hearing comments were received from Oneida Nation concerning the route along Trout Creek Road. Due to these comments an additional alternative was proposed.

Section Three: WisDOT Programmatic Categorical Exclusion Criteria

3.1 Right-of-Way Acquisition

Right of way (ROW) for the proposed action may be acquired by fee simple purchase, permanent or temporary easement, right of entry, gift, or other means.

Will additional ROW be acquired?

- No
- Yes

If yes, provide the number of ROW acres to be acquired below and identify the acquisition(s) on the project map.

- Fee simple purchase - acres
- Permanent easement - acres
- Temporary easement - acres
- Right of Entry - acres
- Gift - acres
- Other, additional description:

3.2 Displacement or Relocation

A project is ineligible to use the PCE if any displacements or relocations occur as a result of the project. Vacant buildings that are not significant historic resources may be acquired.

Does the project require any displacements?

- No
- Yes – project is ineligible for PCE unless building is vacant

3.3 Historic Properties (cultural resources) Note: For projects with no federal participation, complete this section. For projects with federal participation, skip this section and complete Section 4.5 of this form.

The state register of historic places includes districts, sites, buildings, structures, and objects which are significant in national, state, or local history, architecture, archaeology, engineering, and culture. A project is ineligible to use the PCE if it will adversely affect a property listed on the state register.

Does the project affect any historic properties on the state register?

- WisDOT has determined the proposed action will not affect a property that is listed on the state register or on the list of locally designated historic places under Wisconsin Statutes 44.45.
- WisDOT in consultation with the SHPO has determined the proposed action will not adversely affect a property that is listed on the state register or on the list of locally designated historic places under Wisconsin Statutes 44.45 (see attached documentation).
- WisDOT has determined its proposed action will have an adverse effect a historic property – project is ineligible for PCE.

3.4 Wetlands, and Surface Waters

When a project results in placement of fill into a wetland, stream, lake, or other water of the United States below the ordinary high-water mark (OHWM), a permit is required from the US Army Corps of Engineers (USACE) under Section 404 of the Clean Water Act. The USACE may issue a General Permit if specific criteria are met.

Will fill be added to the waters of the United States, including below the OHWM?

- No
- Yes (include appropriate Factor Sheet(s))

If yes, begin WDNR and USACE coordination and indicate type of permit under consideration for the action.

- USACE 404 General Permit
- USACE 404 Individual Permit – project is ineligible for PCE

If a Section 404 permit is required, include the WDNR letter with the specified Section 401 action and status of Section 401 Water Quality Certification in the appendix.

- Waived
- Section 401 Action pending final plan and/or erosion control plan
- Granted
- Granted with conditions – include a copy of the permit with the PCE
- Denied – project is ineligible for PCE

3.5 Agriculture

The Department of Agriculture, Trade and Consumer Protection (DATCP) should be notified of any project which may involve the acquisition of land from a farm operation (see FDM 20-45-35).

Do land acquisitions from farm operations require preparation of an Agricultural Impact Statement (AIS)?

- Does not apply – no acquisitions from farm operations
- No – DATCP has been notified of non-significant farmland acquisitions
- No – Form DT1999, Agricultural Impact Notice has been sent to DATCP and DATCP has determined an AIS WILL NOT be prepared.
- Yes – Form DT1999 has been sent to DATCP and DATCP has determined an AIS WILL be prepared – project is ineligible for PCE

3.6 Air Quality

Projects must be consistent with the State Implementation Plan (SIP) for air quality. Projects in air quality nonattainment and maintenance areas must be demonstrated to conform to the SIP. Check the appropriate box and proceed accordingly.

- The project is in an area designated as attainment for all transportation-related criteria air pollutants. The project is not subject to transportation conformity requirements. No further analysis is required.
- The project is in an area designated as nonattainment or maintenance for one or more transportation-related criteria air pollutants. Proceed with the following analyses for regional and project level transportation conformity.

Regional Conformity

Regional conformity is required for projects in counties designated as nonattainment or maintenance for ozone or PM_{2.5}. If the project occurs in a nonattainment/maintenance county or area, check the appropriate box and include appropriate documentation in the appendix (if needed).

- The project is exempt from conformity per 40 CFR 93.126 or is a traffic signal synchronization project under 40 CFR 93.128. No further analysis is needed.
- The project is exempt from regional emissions analysis requirements per 40 CFR 93.127.
- The project is located within a Metropolitan Planning Area and included in the current approved Metropolitan Planning Organization (MPO) Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP). The RTP and TIP were determined to conform by FHWA and FTA. Provide the MPO name, RTP name, TIP name and TIP number. The MPO name, RTP name, TIP name and TIP number should be provided in the box below and must be included if this box is checked:
- The project is located outside of a Metropolitan Planning Organization's boundaries and has received a conformity determination by FHWA per the rural conformity section of the WisDOT/WDNR Memorandum of Agreement. Provide conformity finding dates:
- The project is non-conforming – project is ineligible for a PCE.

Project Level Conformity

Projects in fine particulate matter (PM_{2.5}) nonattainment and maintenance areas are also subject to PM_{2.5} project hot spot conformity requirements. A PM_{2.5} hot spot analysis is required to support a project level conformity determination for projects of local air quality concern. A determination of local air quality concern is made by the Wisconsin Transportation Conformity Working Group (WTCWG).

- The project is not located in a PM_{2.5} nonattainment or maintenance area. No further analysis is required.
- The project is exempt from conformity per 40 CFR 93.126 or is a traffic signal synchronization project under 40 CFR 93.128. No further analysis is needed.
- The project has been screened in accordance with the WisDOT Project Level Conformity PM_{2.5} Screening Checklist and (check one of the following as applicable):
 - Determined not to be a project of local air quality concern. Include the screening checklist in the appendix.
 - Referred to interagency consultation with the WTCWG resulting in a determination that the action is not a project of local air quality concern. Include the project analysis and WTCWG determination in the appendix.
 - Referred to interagency consultation with the WTCWG resulting in a determination that the action is a project of local air quality concern – project is ineligible for a PCE.

3.7 Noise

Is this a Type I project (see FDM 23-10-1.1) for noise, thus requiring a noise analysis?

- No – the project does not meet the Type I project criteria
- Yes – a noise analysis has been performed and no impacts have been identified (attach Traffic Noise Factor Sheet)
- Yes – a noise analysis has been performed and impacts will occur – project is ineligible for PCE

Sections 107.8 (6) and 108.7.1 of the WisDOT Standard Specifications for Highway and Structure Construction provide standard specifications for construction sound including hours of operation and equipment requirements. Will any Special Provisions, not including changes to the hours of operation, be required for mitigating construction sound impacts?

- No
- Yes – project is ineligible for PCE

3.8 Contaminated Sites

Acquisition of contaminated sites with hazardous materials or waste is the responsibility of the acquiring agency.

Will properties with hazardous materials or wastes be acquired for this project? If yes, contact the REC or the BTS-ESS specialist for guidance on how to proceed.

- No
- Yes

Will a utility or other infrastructure be installed in, or adjacent to a contaminated property?

- No
- Yes

Are there conflicts with project construction according to the Utility Accommodation Policy (UAP)?

- No
- Yes

If yes, describe how conflicts with the UAP be managed.

Will the project include rehabilitation, reconstruction, or replacement of an existing bridge structure?

- No
- Yes

Is asbestos present? If yes, include any required special provisions in the appendix.

- No
- Yes

Include any special provisions in the appendix to address contamination that may be encountered within the right of way during construction, e.g., contaminated soil disposal, installation of contaminant migration barriers, or management of contaminated groundwater during construction dewatering.

There are no known contaminated sites adjacent to the planned route. See exhibit I.

3.9 Threatened, Endangered and Protected Resources

Threatened and endangered species and their critical habitat are protected by both state and federal laws. The Wisconsin Department of Natural Resources (WDNR) can provide information on these species. Include a copy of the WDNR coordination in the appendix. The United States Fish and Wildlife Service (USFWS) is responsible for federally listed threatened and endangered species. Complete the Threatened, Endangered and Protected Resources Factor Sheet to document coordination and determination finding.

Will the project result in a determination of “may affect, likely to adversely affect” for any threatened or endangered species or critical habitat?

- No
- Yes – project is ineligible for PCE

3.10 Bald and Golden Eagle Protection Act (BGEPA)

The Bald and Golden Eagle Protection Act (16 U.S.C. 668-668d) prohibits anyone, without a permit issued by the Secretary of the Interior, from "taking" bald eagles, including their parts, nests, or eggs. WisDOT will coordinate with WDNR to identify known eagle nesting areas near the project prior to commencing construction. More information can be found at <https://www.fws.gov/midwest/eagle/protect/laws.html>

Has eagle habitat and a nesting site(s) been identified in the project area?

- No
- Yes – Coordination with WDNR and USFWS has indicated their concurrence that the proposed project WILL NOT result in a take or disturbance of the habitat or nest(s)
- Yes – Coordination with WDNR and USFWS has indicated their concurrence that the proposed project WILL result in a take or disturbance of the habitat or nest(s) – project is ineligible for PCE

3.11 Access Control

Access controls are used to maintain traffic operations, facilitate orderly development, and promote safety along a highway system. Under the PCE, minor adjustments in access for individual parcels are acceptable, but may require additional consultation prior to proceeding with the PCE.

Does the project include any access modifications?

- No
- Yes – check all boxes that apply and provide a brief description of the access changes below. Attach an aerial photograph of the project clearly showing access modifications.
 - Existing access will be changed through minor regrading or minor longitudinal shifts along the same alignment. The number of access points will not change.
 - Existing access points will be consolidated or relocated to a different road, but access to all parcels will be provided. Requires consultation with FHWA before proceeding with PCE if the project is federally-funded and the access modification is controversial (document below).
 - New access will be provided where none currently exists. Requires consultation with FHWA before proceeding with PCE if the project is federally-funded or with the REC or EPDS liaison if the project is state-funded only (document below).
 - The access modification will occur on the Interstate Highway System – project is ineligible for PCE.
 - All access to a parcel will be removed and will not be replaced – project is ineligible for PCE.

Describe project access changes and required consultation:

None

3.12 Consistency with Existing Plans

Projects must be included in and consistent with the most recent version of Statewide Transportation Improvement Program (STIP), and the Transportation Improvement Program (TIP) if the project is located within the boundaries of one of Wisconsin's fourteen Metropolitan Planning Organizations (MPO). Projects must also be compatible with other plans approved at the region, county and local level.

Describe the applicable plans (e.g. State Transportation Improvement Program, Regional Transportation Plan, Transportation Improvement Program (TIP), local land use plan, bike/ walkway plan, etc.) for the area in which the action is proposed. Include the plan name, approval date(s), TIP number and other plan information as applicable. Identify whether or not the proposed action is consistent with the identified plan. If the proposed action is not consistent with an identified plan, the project is ineligible for PCE.

WisDOT 2019-2022 State Transportation Improvement Plan (STIP) April Amendment.

3.13 Floodplains

Projects that require work encroaching on a regulatory floodway or any work affecting the base floodplain (100-year flood) elevations of a water course or lake are ineligible to use the PCE.

Will the proposed action cause changes to the floodplain?

- No
 Yes – project is ineligible for PCE

3.14 Section 6(f) or Other Unique Properties

Special protections exist for public lands, including, parks, fishing access areas, and wildlife management areas purchased or improved using federal funding sources under Section 6(f) of the Land and Water Conservation Act of 1965 (LAWCON or LWCF), Dingle/Johnson funds (Federal Aid in Fish Restoration Act), or Pittman/Robertson funds (Federal Aid in Wildlife Restoration Act). Special protections may also apply to other uniquely-funded lands such as those purchased under the Knowles-Nelson Stewardship Program, Wetland Reserve Program and the North American Wetlands Conservation Act. The Regional WDNR Liaison can determine if these funding sources were used to acquire the property. Projects that acquire property from Pittman/Robertson, Dingle/Johnson, LWCF or other uniquely-funded lands are not eligible for a PCE.

Will the project acquire any lands purchased or improved with LWCF, Dingle/Johnson, or Pittman/Robertson funds or other uniquely-funded lands?

- No
 Yes – project is ineligible for PCE

3.15 Groundwater, Wells, and Springs

Is there potential for the project to have an impact on groundwater (including dewatering), springs, or wells (including groundwater monitoring wells from remediation projects) located in the project area?

- No
 Yes – Contact the REC or BTS-EPDS liaison to determine if the level of impact results in the project being ineligible for PCE.

Description of impacts:

3.16 Environmental Justice

The President's Executive Order 12898 on Environmental Justice requires each Federal agency, to the greatest extent practicable and permitted by law, to achieve environmental justice as part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects or economic effects, of its programs, policies, and activities on minority populations and low-income populations.

Will this project result in a disproportionately high adverse effect to a low-income population or a minority population?

- No
 Yes – project is ineligible for PCE

Describe steps taken to identify minority and low-income populations:

Reviewed Census Data

Section Four: Federal-Aid Criteria

4.1 Federal-Aid Criteria

Projects that receive funding or require an approval from FHWA must meet additional federal-aid criteria. In certain circumstances, projects with no FHWA funding or approvals, may still need to meet selected criteria below depending on whether another federal agency is involved and the scope of its involvement.

Will the project require funding and/or an approval from FHWA?

- No – checklist is complete
- Yes – proceed with Section 4

4.2 Section 4(f)

Section 4(f) of the US DOT Act of 1966 protects significant historic sites, parks and recreation areas, and waterfowl and wildlife refuges. Section 4(f) prohibits the “use” of these resources by a transportation project unless there is no feasible and prudent avoidance alternative and the action includes all possible planning to minimize harm, or FHWA determines that the use will have a *de minimis* (minor) impact. Use of Section 4(f) property occurs when: (1) land is permanently incorporated into a transportation facility; (2) there is a temporary occupancy that is adverse; or (3) there is a constructive use of the Section 4(f) property. Projects may include a use of Section 4(f) property only if it is *de minimis* or meets the criteria of one of the Section 4(f) programmatic evaluations (except the Programmatic Evaluation for Historic Bridges).

Does this project result in a use of Section 4(f) property?

- No – Section 4(f) resources are not present in the project area.
- No – Section 4(f) resources are present, but the project does not result in use of Section 4(f) resources.
- No – a Section 4(f) exception applies (see 23 CFR 774.13). Provide a description of the exception below.
- Yes – type of Section 4(f) documentation is indicated below.

Description of Section 4(f) exception:

If a Section 4(f) use will occur, indicate the type of Section 4(f) evaluation or determination that applies. Complete the Section 4(f) Factor Sheet and include the Section 4(f) documentation in the appendix. The Section 4(f) evaluation or determination will require review and approval by FHWA prior to the WisDOT approval of the PCE. A draft of the PCE should be sent to FHWA as supporting documentation for their Section 4(f) review.

- De Minimis* impact determination
- Programmatic for Independent Walkway and Bikeway Construction Projects
- Programmatic for Minor Involvement with Historic Sites
- Programmatic for Minor Involvement with Parks, Recreation Areas, and Waterfowl and Wildlife Refuges
- Programmatic for Net Benefits to a Section 4(f) Property
- An Individual Section 4(f) Evaluation is required – project is ineligible for PCE

4.3 Farmland

The U.S. Farmland Protection Policy Act requires coordination with the U.S. Department of Agriculture – Natural Resources Conservation Service (NRCS) whenever a project receives a score 60 or more points in Part VI of form AD-1006, Farmland Conversion Impact Rating or form NRCS-CPA-106, Farmland Conversion Impact Rating for Corridor Type Projects. If additional coordination with NRCS and final completion of either form results in a score of more than 160 points, there is potential for adverse impacts to farmland

Does the completion of either NRCS form identified above result in a score greater than 160 points?

- Does not apply – the project does not impact farmland
- No
- Yes – project is ineligible for PCE

4.4 Historic Properties (cultural resources)

Historic properties (cultural resources) are any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in the National Register of Historic Places maintained by the National Park Service.

Does the project affect any historic properties?

- There are no historic properties in the area of potential effect (APE).
- A determination of “no potential to effect historic properties” or “no adverse effects to historic properties” has been reached. Documentation may include a Documentation of No Adverse Effects, a WisDOT form DT1635 or a “screening list” decision and commitments (add to Section 5 Commitments).
- The proposed project will have adverse effects to historic properties – project is ineligible for PCE.

4.5 Wild and Scenic Rivers

Lands and waters of rivers designated as Wild and Scenic Rivers by the U.S. Government have special protections.

Does the project require construction in, across, or adjacent to a river designated as a component of or proposed for inclusion in the National System of Wild and Scenic Rivers published by the U.S. Department of the Interior/ U.S. Department of Agriculture?

- No
 Yes – project is ineligible for PCE

4.76 U.S. Coast Guard Permits

Under Section 9 of the Rivers and Harbors Act of 1899, the United States Coast Guard requires permits be obtained for bridge projects over navigable waters which are generally tributary to the Great Lakes or the Mississippi River. See Procedure 20-50-1.3 and 20-50-1.4 of the WisDOT Facilities Development Manual for a list of waters covered by Section 9.

Will the project require a permit from the United States Coast Guard (USCG)?

- No
 Yes – project is ineligible for PCE

Section Five: Environmental Commitments

Identify and describe any avoidance, minimization or compensation measures (commitments) in detail. Be specific on what needs to happen and specifically where on the project. Indicate when the commitment should be implemented and who in WisDOT is responsible for fulfilling each commitment (Project Manager, Environmental Coordinator, etc.). Please note if the commitment will be indicated on the final plan, recorded in the Plans, Specifications and Estimates (PS&E), under special provisions in the final plan set, in construction notes, or some other written format. Attach a copy of this completed matrix to the design study report and the PS&E submittal package. Be sure to capture all commitments for each factor listed below and update it if further commitments are made after the Environmental Document is signed.

Factor	Commitment (If none, include N/A)
Business and Economics	No special or supplemental commitments required.
Community	Access will always be maintained to adjacent property owners located within the project limits. The Construction Project Leader will assure fulfillment of the commitment as outlined in the plans. Designer will include in special provisions.
Aesthetics	No special or supplemental commitments required.
Agriculture	No special or supplemental commitments required.
Relocations	No special or supplemental commitments required.
Indirect Impacts	No special or supplemental commitments required.
Cumulative Impacts	No special or supplemental commitments required.
Environmental Justice	No special or supplemental commitments required.
Historic Properties	No special or supplemental commitments required. See Exhibit C for Screening List.
Burial Sites	No special or supplemental commitments required. See Exhibit C for Screening List.
Tribal Lands	No special or supplemental commitments required. See Exhibit D for Native American Correspondence.
Section 4(f)	No special or supplemental commitments required.
Section 6(f) or Other Specially Funded Lands	No special or supplemental commitments required.

Wetlands	Wetland fill will require compensatory mitigation pursuant to the WisDOT/WDNR cooperative agreement. Wetland mitigation ratios and a potential wetland mitigation site will be coordinated with WDNR and the ACOE and utilize the WisDOT Statewide wetland bank. The WisDOT Project Manager will fulfill this commitment.
Surface Water Resources	There are multiple waterway crossings along the proposed route including Duck Creek, which is a warm water stream with a warm water fishery and Trout Creek, which is currently considered an impaired waterway. Other waterways include Thornberry Creek, which is a class 1 trout stream, and unnamed streams, which are mostly tributaries to the above waterways. No instream work is allowed. The WisDOT Project Manager will fulfill this commitment.
Floodplains	No special or supplemental commitments required.
Groundwater, Wells and Springs	No special or supplemental commitments required.
Coastal Zones	No special or supplemental commitments required.
Unique Wildlife and Habitat Concerns	No special or supplemental commitments required.
Threatened and/or Endangered Species	WDNR has determined that based upon a review of the Natural Heritage Inventory (NHI) dated September 12, 2019, there are multiple records for State Special Concern and Threatened plants and turtles, Federally protected bird, and two Special Communities. Adverse impacts to these species and communities are not anticipated provided wetlands and waterways will be bored under and tree removal is kept to a minimum. Ground disturbance in wetlands area or along riparian corridors of waterways should be avoided between May 20 and September 18. The WisDOT Project Manager will fulfill this commitment.
Air Quality	No special or supplemental commitments required.
Construction Sound	WisDOT Standard Specification 107.8(6) and 108.7.1 will apply
Traffic Noise	No special or supplemental commitments required.
Hazardous Substances, Contamination and Asbestos	No special or supplemental commitments required.
Stormwater	No special or supplemental commitments required.

Erosion Control	<p>The WisDOT, as per the WisDOT/WDNR Cooperative Agreement, will contact the WDNR liaison person and coordinate with the WDNR prior to performing any construction activities. The Construction Project Leader will assure fulfillment of this commitment.</p> <p>All disturbed areas should be adequately protected and restored as soon as feasible. The Construction Project Leader will assure fulfillment of this commitment.</p> <p>All temporary stock piles must be in an upland location and protected with erosion control measures. Materials may not be stockpiled in wetlands, waterways, or floodplains. The Construction Project Leader will assure fulfillment of this commitment. Designer will include in special provisions.</p> <p>Construction site erosion and sediment control procedures will be followed as set forth in TRANS 401 and the WisDOT/WDNR Cooperative Agreement. The Construction Project Leader will assure fulfillment of this commitment.</p> <p>An erosion control plan will be developed in consultation with WDNR and included in plans. Design Engineer will assure fulfillment of this commitment.</p> <p>Erosion control measures must be inspected once per week and after every rainfall exceeding 1/2 inch. Any necessary repairs or maintenance must be performed after each inspection. A log of the erosion control inspections, repairs made, and rain events must be maintained. This must be made available to the Department personnel upon request and must remain on the project site at all times work is being performed. The Construction Project Leader will assure fulfillment of this commitment.</p>
Other: Invasive Species and Viral Hemorrhagic Septicemia (VHS)	<p>Invasive species are located in multiple areas along the project corridor. All project equipment shall be decontaminated for removal of invasive species prior to and after each use in each specific area where invasive species are present on the project site by utilizing other best management practices to avoid the spread of invasive species as outlined in NR 40, Wis. Adm. Code. For more information, refer to http://dnr.wi.gov/topic/Invasives/bmp.html. The WisDOT Project Manager will fulfill this commitment.</p>
Other:	

Factor Sheets Attached (in order of reference within the document):

Threatened, Endangered and Protected Resources

Other Attachments (in order of reference within the document):

- Exhibit A - Project Location Map
- Exhibit B – STIP
- Exhibit C – Screening List
- Exhibit D – Native American Correspondence
- Exhibit E – WDNR Correspondence
- Exhibit F – USFWS Correspondence
- Exhibit G – Project Plans
- Exhibit H – Alternate Routes
- Exhibit I – Hazmat Memo

THREATENED, ENDANGERED and PROTECTED RESOURCES Factor Sheet

06-11-2019

Wisconsin Department of Transportation

Alternative:	Preferred: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None Identified	Project ID: 9200-10-72
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Federal Resources

1. Complete the following table using the Official Species List from U.S. Fish and Wildlife Service (FWS):

Species Common Name	Species Scientific Name	Federal Status	Effect Determination	Justification/ Explanation
Dwarf Lake Iris	Iris Lacustris	Threatened	No Effect	Habitat not present in the corridor, and not occurrences in the NHI
Red Knot	Calidris canutus rufa	Threatened	No Effect	Migratory only, no nesting in WI, and not tracked in the NHI
Northern long-eared Bat	Myotis septentrionalis	Threatened	No Effect	ESA Section 4(d) rule

Date of Official Species List: September 19, 2019

2. Is there designated or proposed critical habitat within or near the project?

- No
 Yes, describe critical habitat, proximity to project, and potential impacts to the critical habitat (you may want to complete the Other Factor Sheet to document the critical habitat):

3. Has Section 7 consultation with FWS been completed?

- No, explain:
 Yes, describe consultation efforts and conclusions and indicate location within the environmental document:

See US Fish & Wildlife Correspondence, Exhibit F.

4. Are avoidance, minimization or compensatory mitigation measures required?

- No, explain: No ground disturbance is planned
 Yes, briefly describe here:

State Resources

1. Are threatened or endangered species known to occur in the vicinity of the project?

- None identified.
 Yes – Complete the following table and include the date of the most recent Natural Heritage Inventory (NHI) review by WDNR:

Species Common Name	Species Scientific Name	State Status	Effect Determination	Justification/ Explanation

Date of Natural Heritage Inventory (NHI) database review: Based upon a review of the Natural Heritage Inventory (NHI) dated September 12, 2019, there are multiple records for State Special Concern and Threatened plants and turtles, Federally protected bird, and two Special Communities. Adverse impacts to these species and communities are not anticipated provided wetlands and waterways are bored under and tree removal is kept to a minimum.

2. Has threatened and endangered resource coordination with DNR been completed?

- No, explain:
 Yes, attach and reference location in this document: See WDNR Correspondence Exhibit E.

3. Are avoidance, minimization or compensatory mitigation measures required?

- No, describe: No resources identified.
- Yes, briefly describe:

Other Protected Resources

Bald and Golden Eagles

1. Are bald and/or golden eagles known to occur near the project?

- None identified
- Yes, describe:

2. Will there be adverse or beneficial effects on bald and/or golden eagles as a result of the project?

- No, explain:
- Yes, describe general proximity to project and potential impacts:

3. Has bald and golden eagle-related coordination with WDNR and/or FWS been completed?

- No, explain:
- Yes, attach and reference location in this document:

4. Are avoidance, minimization or compensatory mitigation measures required?

- No, explain:
- Yes, briefly describe:

Migratory Birds

1. Are migratory birds known to occur in the vicinity of the project?

- None identified
- Yes, describe:

2. Will there be adverse or beneficial effects on migratory birds because of the project?

- No, explain:
- Yes, describe general proximity to project and potential impacts:

3. Has migratory bird-related coordination with WDNR and/or FWS been completed?

- No, explain:
- Yes, attach and reference location in this document:

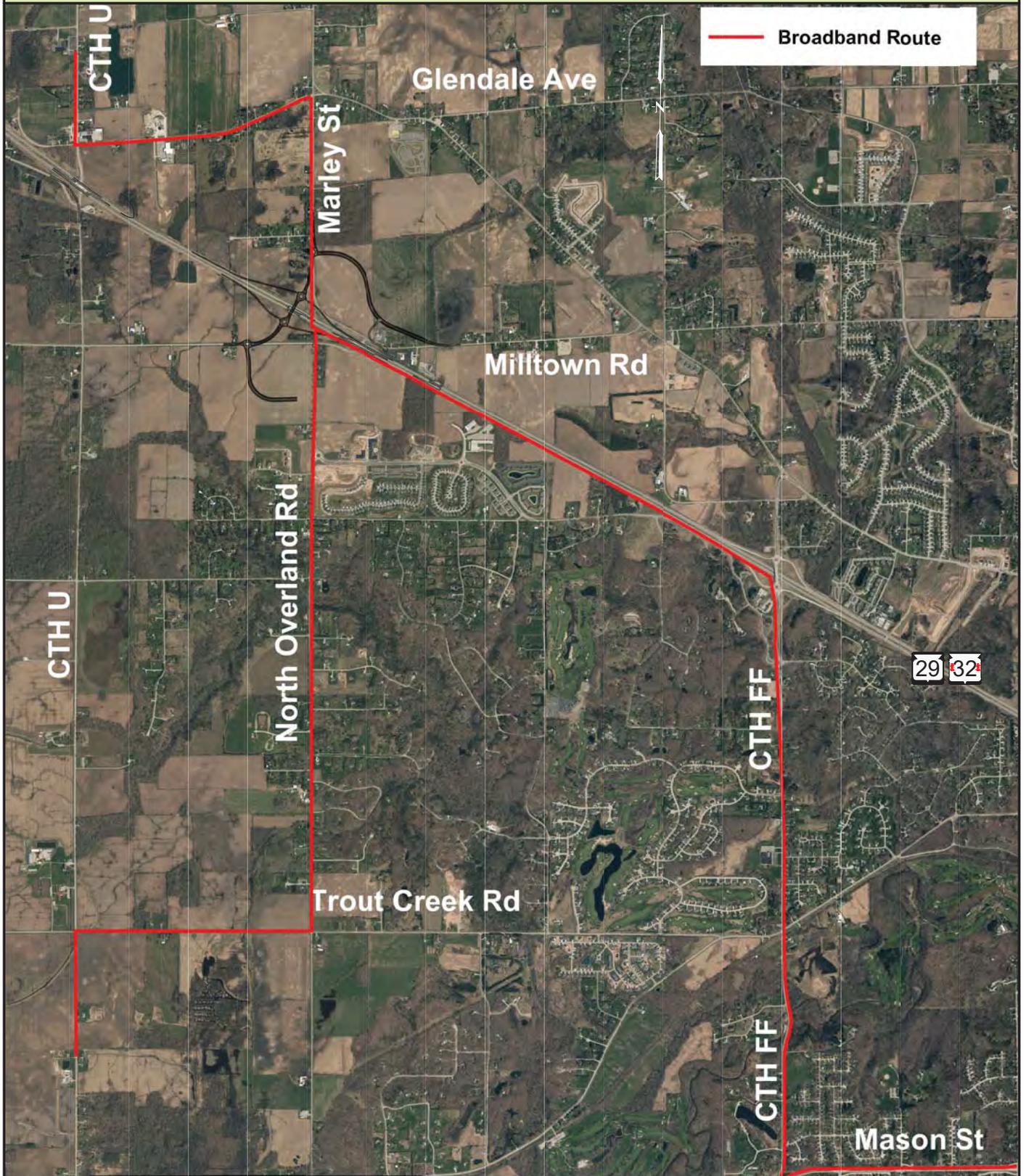
4. Are avoidance, minimization or compensatory mitigation measures required?

- No, explain:
- Yes, briefly describe:

Exhibit A

Project Location Map

Brown County Broadband Fiber Alternate Routes



WIS 29/COUNTY VV Interchange, Brown County



Exhibit B

STIP

**2019-2022 STIP
April Amendments**

Project	County	Route	Prg	Prior Estimate	Curr Estimate	Prior Sched	Curr Sched	Title/Concept/Limit	Reason
1430-01-77	ADAMS	STH-082	303	\$8,000,000 - \$8,999,999	\$4,000,000 - \$4,999,999	03/08/22	03/08/22	MAUSTON - IH 39	Decrease
								CONST/PVRPLA	
								STH 13 TO CTH B	
1430-01-87	ADAMS	STH-082	303	\$0 - \$99,999	\$5,000,000 - \$5,999,999		03/08/22	MAUSTON - IH 39	Advanced
								CONST/PVRPLA	
								CTH B TO MARQUETTE CO LINE	
8733-00-60	BAYFIELD	CTH-D	206	\$0 - \$99,999	\$0 - \$99,999		05/25/19	CTH M - GRAND VIEW	Advanced
								CONST/ER/FLD 06-17-2018/EMRGNCY RPR	
								DAVIS HILL TO S SWEDEN RD(WI-18-73)	
8351-07-61	BAYFIELD	CTH-E	206	\$0 - \$99,999	\$0 - \$99,999		05/25/19	USH 63 - SANBORN	Advanced
								CONST/ER/FLD 06-17-2018/EMRGNCY RPR	
								MOLAN HILL(WI-18-072)	
8510-00-04	BAYFIELD	STH-013	303	\$0 - \$99,999	\$0 - \$99,999		01/01/19	PORT WING - SUPERIOR	Advanced
								DESIGN/MISC/CULVERT WORK	
								CTH A TO CTH H	
8510-00-71	BAYFIELD	STH-013	303	\$1,000,000 - \$1,999,999	\$1,000,000 - \$1,999,999	03/08/22	11/14/23	CORNUCOPIA - PORT WING	Deferred
								CONST/MISC/CULVERT REPLACEMENT	
								LOST CREEK CULVERTS C-04-0031,32,33	
1150-77-71	BROWN	IH -041	303	\$3,000,000 - \$3,999,999	\$6,000,000 - \$6,999,999	01/11/22	01/11/22	NE REGION, POLYMER DECK OVERLAYS	Increase
								VAR LOCATIONS	
								WINNEBAGO & BROWN COUNTIES	
9200-10-72	BROWN	STH-029	303	\$0 - \$99,999	\$0 - \$99,999		08/11/20	SHAWANO - GREEN BAY	Advanced
								CONST FIBER/BROADBAND	
								CTH VV INTERCHANGE	
1500-74-00	CALUMET	USH-010	303	\$0 - \$99,999	\$100,000 - \$249,999		01/01/19	APPLETON - FOREST JUNCTION	Advanced
								DESG PSRS20	
								STH 114 - STH 114	
1161-00-00	COLUMBIA	IH -039	303	\$0 - \$99,999	\$100,000 - \$249,999		01/01/19	MADISON - PACKWAUKEE	Advanced
								DESIGN/FLOOD ABATEMENT	
								IH 90/94/78 TO THE WISCONSIN RIVER	
6225-01-30	COLUMBIA	STH-127	303	\$0 - \$99,999	\$250,000 - \$499,999		01/01/19	WISCONSIN DELLS - PORTAGE	Advanced
								PE/ MILL AND OVERLAY	
								STH 16 TO LA DAWN DRIVE	
6225-01-60	COLUMBIA	STH-127	303	\$0 - \$99,999	\$5,000,000 - \$5,999,999		03/09/21	WISCONSIN DELLS - PORTAGE	Advanced

Advanced: Project moved into STIP Period, Deferred: Project moved out of STIP Period

Increase: Project Estimate Increased, Decrease: Project Estimate Decreased

Exhibit C

Screening List

Pursuant to 36 CFR 800.3 (a)(1) WisDOT (Cultural Resources) has determined the proposed actions for these undertakings (projects) will have no potential to cause effects to historic properties. No further section 106 obligations are required. However, if the proposed actions for an undertaking (project) should change in any way that would involve ground disturbing activities, additional section 106 coordination is required for that undertaking (project).

<i>County</i>	<i>Main ID</i>	<i>Notification Date</i>	<i>Project Put on Screening List for</i>	<i>Route</i>	<i>Title</i>	<i>Bridge ID</i>
Brown	4503-03-00	01/21/2015	Both Archaeology and History	Wanek Road/T of New	Bridge Replacement P-05-0906	P-05-0906
Brown	4508-08-00	01/21/2015	Both Archaeology and History	Park View Rd/ T of Mor	Bridge Replacement P-05-0145	P-05-0145
Brown	4509-02-00	02/03/2015	Both Archaeology and History	Pine Grove Rd/ T of Gl	Bridge Replacement P-05-0134	P-05-0134
Brown	4516-05-00	04/09/2010	History Only	Village of Bellevue	Manitowoc Rd (CTH JJ to Allouez Ave)	
Brown	4516-06-00	09/04/2013	Both Archaeology and History	Bower Creek Bridge	Village of Bellevue	P05-0103
Brown	4517-05-00	03/02/2015	Archaeology Only	Webster Elementary Sc	Additional sidewalks and at grade crossi	
Brown	4519-08-00	09/04/2013	Both Archaeology and History	Fair Road (town of Wrig	Branch East River Bridge	P05-0911
Brown	4519-09-00	01/21/2015	History Only	County Line Rd/ T of W	Bridge Replacement P-05-0155	P-05-0155
Brown	4538-05-00	05/17/2016	Both Archaeology and History	T New Denmark, CTH	Wisconsin Ave - Irish Road	
Brown	4546-02-00	10/12/2016	Both Archaeology and History	T of Wrightstown, CTH	E New Road - Golden Wheat Lane; Plu	B-05-0010
Brown	4555-02-00	04/28/2016	Both Archaeology and History	CTH MM	Bower Creek Bridge P-05-0106	P-05-0106
Brown	4566-01-00	09/24/2009	Both Archaeology and History	CTH I	CTH A to Bay Settlement Road	
Brown	4579-01-00	09/03/2019	Both Archaeology and History	V. Allouez, Longview A	Hoffman Rd-South Village Limit	
Brown	4603-05-00	10/12/2016	Both Archaeology and History	V of Bellevue, CTH V	Tordeur Lane - Wayside Place; Bridge P	P-05-0005
Brown	4607-09-00	05/22/2012	Both Archaeology and History	CTH X (Village of Allou	WI Central LTD RR Bridge	B-009
Brown	4616-02-00	01/21/2015	Both Archaeology and History	CTH ZZ	Bridge Replacement P-05-0127	P-05-0127
Brown	4984-01-66	07/10/2009	Archaeology Only	Rehad of Fox Navigatio		
Brown	4985-00-42	08/19/2009	Both Archaeology and History	Jordan Road (City of D	Merrill St to O'Keefe Rd	
Brown	4985-00-44	08/17/2009	Both Archaeology and History	Fox River Rec Trail Co	Rockland Rd to Midway Rd	
Brown	4985-00-51	01/21/2015	Both Archaeology and History	Allard St	Grant St - Reid St	
Brown	4985-00-53	01/27/2015	History Only	Erie Street	O'Keefe St - Virginia Dr	
Brown	4985-00-55	01/23/2015	Both Archaeology and History	Libal St	Ridgeway Dr - LeBrun Rd	
Brown	4985-00-57	01/23/2015	Both Archaeology and History	Helena Street	Seventh St - Sixth St	
Brown	4985-00-59	01/23/2015	Both Archaeology and History	Ninth Street	CTH EE - Main Avenue	
Brown	4987-02-00	08/21/2009	Both Archaeology and History	Verlin Rd Sidewalk & Bi	Main St to Bellevue St	
Brown	4987-02-36	04/21/2009	Both Archaeology and History	CTH H/S Broadway St.	1.3 miles north of STH 32 - n/a	b-05-0741
Brown	4987-02-38	03/27/2009	Archaeology Only	Military Avenue	Langlade Ave - Dousman St	
Brown	4987-02-50	09/25/2009	Both Archaeology and History	Manitowoc Road	Main St East Access Rd to Greenbrier R	
Brown	4987-02-54	01/23/2015	Both Archaeology and History	CTH YY	Holmgren Way - Ashland Ave	
Brown	4987-02-58	01/23/2015	Archaeology Only	Gray Street	Dousman St - Velp Ave	
Brown	4987-02-61	04/23/2015	Both Archaeology and History	Mather Street	Vroman St - Roy Avenue	
Brown	4987-07-00	06/05/2014	Both Archaeology and History	STH 29	Green Bay Lift Structures	
Brown	4987-11-00	03/19/2019	Both Archaeology and History	C. Green Bay, Taylor S	Beaver Dam Creek Bridge and Approac	P-05-0721
Brown	9190-20-00	06/04/2014	Both Archaeology and History	STH 32	CTH B - East Green Bay St	
Brown	9190-23-00	06/04/2014	Both Archaeology and History	STH 32	STH 29 - Village of Pulaski	
Brown	9200-10-72	09/10/2019	Both Archaeology and History	STH 29/CTH VV BUILD	Broadband utility Installation	
Brown	9202-10-00	01/17/2012	History Only	STH 29	WCL - CTH EB/ Green Bay (West Boun	
Brown	9210-13-00	09/26/2013	Archaeology Only	STH 54	STH 54/57 Interchange - East County Li	
Brown	9210-14-00	11/07/2010	Both Archaeology and History	Mason St Bridge Reha	Over the Fox River, City of Green Bay	B05-134
Brown	9210-16-00	09/30/2013	Both Archaeology and History	STH 54	Mason St Bridge	B-05-0134
Brown	9210-17-30	08/21/2015	History Only	STH 54	Mason Street Bridge	B-05-0134
Brown	9210-19-00	10/08/2018	Both Archaeology and History	STH 32	Structure B-05-0284	B-05-0284
Brown	9266-10-00	12/03/2012	Both Archaeology and History	Ashwaubenon School	Safe Routes to School	

Exhibit D

Native American Correspondence



March 21, 2019

«First» «Last»
«Title»
«TRIBE»
«Add1»
«Add2»
«City», «ST» «Zip»

Re: notice of federal undertaking and request for comments under 36 CFR 800
9200-10-00
Shawano – Green Bay
CTH VV Interchange
WIS 29
Brown County

The Wisconsin Department of Transportation (WisDOT), in cooperation with the Federal Highway Administration, is considering an undertaking located on WIS 29 in Brown County. The proposed undertaking may consist of:

- Closure of the existing at-grade intersection of WIS 29 and County VV. Construction of a diamond interchange at County VV and WIS 29; located approximately 1,700 feet west of the existing County VV/WIS 29 intersection. This interchange will connect with Marley Street to the north and County VV to the south. Roundabouts will be constructed at the County VV/WIS 29 eastbound ramp terminus, and the Marley Street/WIS 29 westbound ramp terminus.
- Milltown Road will be realigned to intersect with Marley Street at a roundabout located approximately 375 feet south of the existing Millwood Court/Marley Street intersection.
- County VV (Triangle Drive) will be realigned to intersect with a roundabout located approximately 1,000 feet south of the roundabout at County VV and the WIS 29 eastbound terminus. A new roadway will be constructed on the south leg of this roundabout, providing a connection to North Overland Road.
- A cul-de-sac will be constructed at the intersection of North Overland Road and Triangle Drive.
- Closure of the WIS 29 intersection with County U (County Line Road). On the north side of WIS 29, County Line Road will end at Glendale Avenue, and on the south side of WIS 29, County Line Road will connect to Old Wisconsin 29.
- Installation of a broad band fiber optic line that has two possible routes (see attached)

Your tribe has requested to be notified of undertakings in this area of Wisconsin. Attached is information regarding the proposed undertaking to assist you in providing comments regarding the determination of the area of potential effect (APE) and potential impacts to historic properties and/or burial sites.

WisDOT would be pleased to receive any comments your tribe wishes to share regarding the determination of the APE or potential impacts to historic properties and/or burials in this undertaking. Also, other environmental studies may be conducted to include endangered species survey, contaminated material investigations, soil testing and right-of-way surveys. Results of these studies will assist the engineers in the design to avoid, minimize or mitigate the proposed project's effect upon cultural and natural resources. To ensure your comments are considered during this phase of project development, WisDOT requests a response within 30 days of receipt of this letter.

Your tribe was previously contacted regarding this project under ID 9200-06-00. Initial coordination occurred in May of 2011; project updates were also sent in July 2015 and July 2016.

If your tribe wishes to become a consulting party under Section 106 of the National Historic Preservation Act or would like to receive additional information regarding this proposed project, please contact WisDOT Project Manager Matt Ternes at 944 Vanderperren Way, Green Bay, WI 54304 or by phone at (920) 366-3028.

Sincerely,

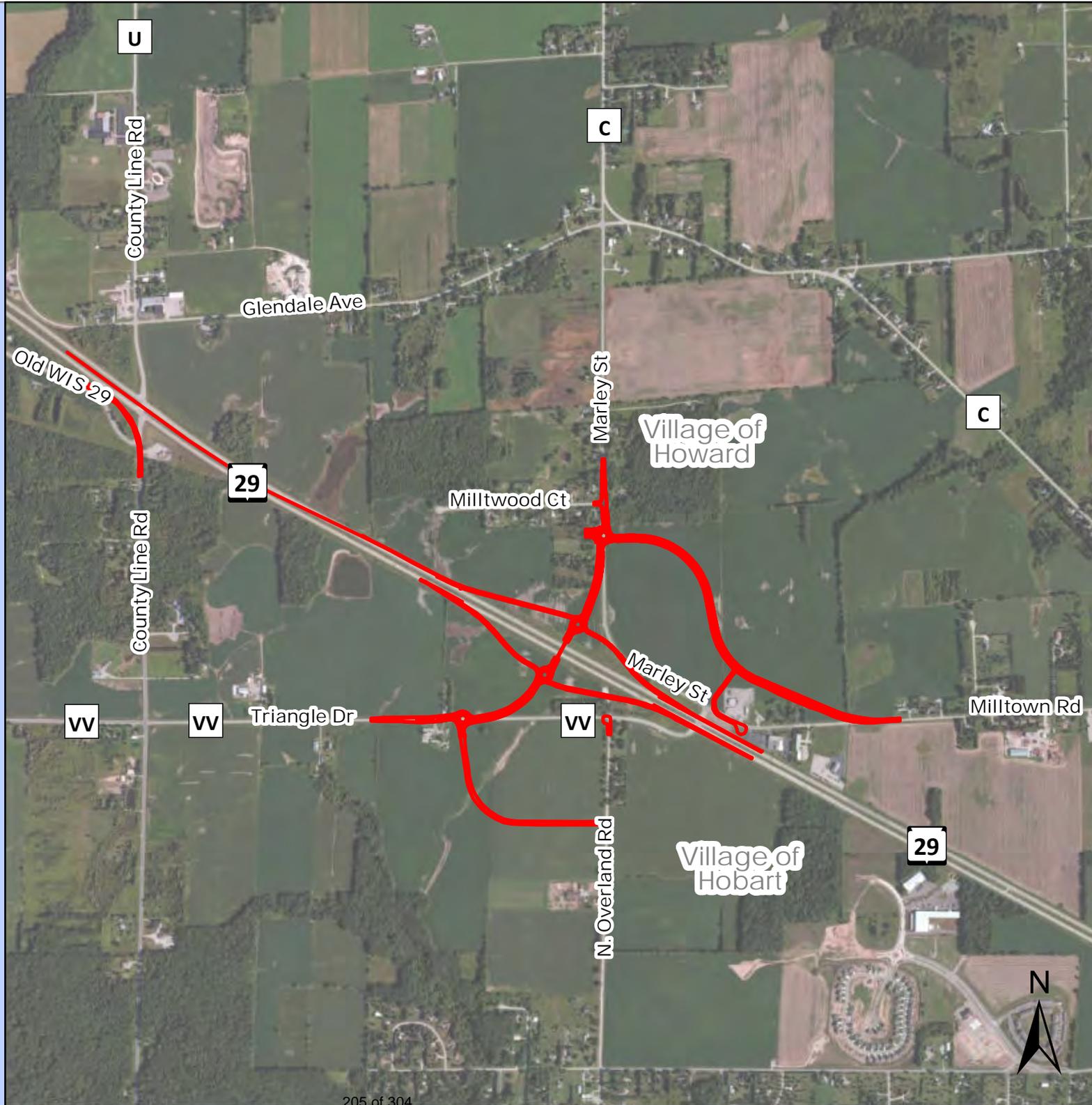
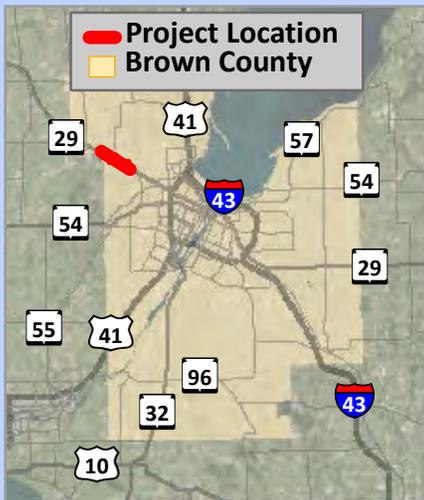
A handwritten signature in black ink that reads "Matt Ternes". The signature is written in a cursive, slightly slanted style.

Matt Ternes
WisDOT Project Manager

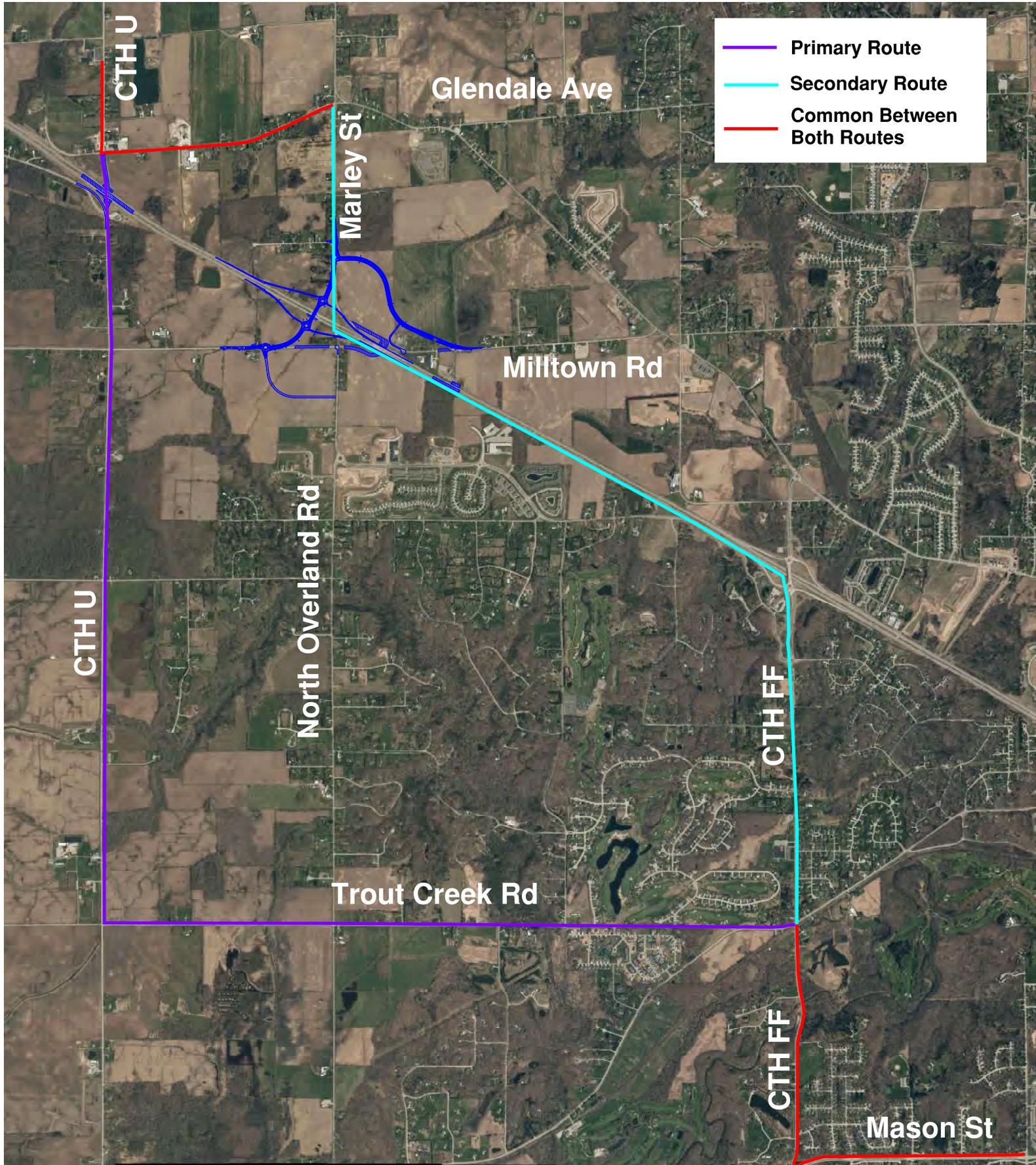
cc: bees.cr@dot.wi.gov
Matt Ternes, WisDOT Project Manager
Mike Helmrick, Environmental Coordinator, WisDOT Northeast Region
Ayres Associates

Project Location Map

WIS 29
(CTH U to Woodland Rd)
Brown County
Project I.D. 9200-06-00



Brown County Broadband Fiber Possible Routes



Bad River Band of Lake Superior Chippewa Indians of Wisconsin
Attn: Edith Leoso, THPO
P.O. Box 39
Odanah, WI 54861

Forest County Potawatomi Community of Wisconsin
Attn: Michael LaRonge, THPO
Tribal Office
P.O. Box 340
Crandon, WI 54520

Fond du Lac Band of Lake Superior Chippewa
Attn: Marcus Ammesmaki
1720 Big Lake Road
Cloquet, MN 55720

Ho-Chunk Nation
Attn: William Quackenbush, THPO
Executive Offices
P.O. Box 667
405 Airport Road
Black River Falls, WI 54615

Lac Courte Oreilles Band – Lake Superior
Attn: Robert Sander, THPO
Chippewa Indians – WI Tribal Office
13394 W. Trepania Road
Hayward, WI 54843

Lac du Flambeau Band – Lake Superior
Attn: Melinda Young, THPO
Chippewa Indians – WI
P.O. Box 67
Lac du Flambeau, WI 54538

Menominee Indian Tribe of Wisconsin
Attn: David Grignon, THPO
W3426 CTH V V West
P.O. Box 910
Keshena, WI 54135

Oneida Tribe of Indians of Wisconsin
Attn: Corina Williams
Tribal Office
P.O. Box 365
Oneida, WI 54155

Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin
Attn: Larry Balber, THPO
Red Cliff Band of Lake Superior Chippewa Indians
88385 Pike Road, Highway 13
Bayfield, WI 54814

St. Croix Band Chippewa Indians – WI
Attn: Wanda McFaggen, THPO
Tribal Historic Preservation Office
24663 Angeline Avenue
Webster, WI 54893

Sokaogon Chippewa Community
Attn: Adam VanZile, THPO
Mole Lake Band
3051 Sand Lake Road
Crandon, WI 54520

Stockbridge Chippewa Community
Attn: Bonney Hartley, THPO
Tribal Office
W13447 Camp 14 Road
Bowler, WI 54416

Sac and Fox Nation of Oklahoma
Attn: Sandra Massey, NAGPRA Rep.
RR 2, Box 246
Stroud, OK 74079

Sac and Fox Nation of Missouri in Kansas and Nebraska
Attn: Gary Bahr
305 North Main
Reserve, KS 66434

Sac and Fox of the Mississippi in Iowa
Attn: Jonathan Buffalo, NAGPRA Rep.
349 Meskwaki Road
Tama, IA 52339-9629

Iowa Tribe of Oklahoma
Cultural Preservation Office
RR 1, Box 721
Perkins, OK 74059

Prairie Band Potawatomi Nation
Attn: Hattie Mitchell, NHPA Rep.
16281 Q Road
Mayetta, KS 66509

Lac Vieux Desert Band of Lake Superior Chippewa
Indians
Attn: giiwegiizhigookway Martin, THPO
Ketegitigaaning Ojibwe Nation
P.O. Box 249
Watersmeet, MI 49969

Prairie Island Indian Community
Attn: Noah White, THPO
Minnesota Mdewakanton Sioux
5636 Sturgeon Lake Road
Welch, MN 55089



Division of Transportation System Development
Northeast Region
944 Vanderperren Way
Green Bay, WI 54304

Tony Evers, Governor
Craig Thompson, Secretary
Internet: www.dot.wisconsin.gov

Telephone: (920)492-5643
FAX: (920)492-5640
Email: ner.dtsd@dot.wi.gov

October 9, 2019

«First» «Last»
«Title»
«TRIBE»
«Add1»
«Add2»
«City», «ST» «Zip»

Re: UPDATE: Design refinements and request for comments under 36 CFR 800

I am writing to you to provide an update on the following project:

Project ID: 9200-10-00
Shawano – Green Bay
CTH VV Interchange
WIS 29
Brown County

Project design refinements have resulted in a change to the proposed undertaking's area of potential effect (APE). Wisconsin Department of Transportation (WisDOT), in cooperation with the Federal Highway Administration, will be conducting additional efforts to identify historic properties in the amended APE. Project ID 9200-10-00 includes the installation of a broad band fiber optic line. The proposed broad band fiber optic line route will use North Overland Road and CTH U south of Trout Creek. Portions of a previously proposed route along Trout Creek Road and CTH U have been eliminated from the proposed project. I have included maps showing the location of the new areas of potential effect to assist you in providing comments regarding potential impacts to historic properties and/or burial sites.

WisDOT would be pleased to receive any comments your tribe wishes to share regarding the determination of the APE or potential impacts to historic properties and/or burials in this undertaking. Also, other environmental studies may be conducted to include endangered species survey, contaminated material investigations, soil testing and right-of-way surveys. Results of these studies will assist the engineers in the design to avoid, minimize or mitigate the proposed project's effect upon cultural and natural resources. To ensure your comments are considered during this phase of project development, WisDOT requests a response within 30 days of receipt of this letter.

Your tribe was previously contacted regarding this project in March of 2019. Your tribe was originally contacted regarding this project under ID 9200-06-00. Initial coordination occurred in May of 2011; project updates were also sent in July 2015 and July 2016.

If your tribe wishes to become a consulting party under Section 106 of the National Historic Preservation Act or would like to receive additional information regarding this proposed project, please contact WisDOT Project Manager Matt Ternes at 944 Vanderperren Way, Green Bay, WI 54304 or by phone at (920) 366-3028.

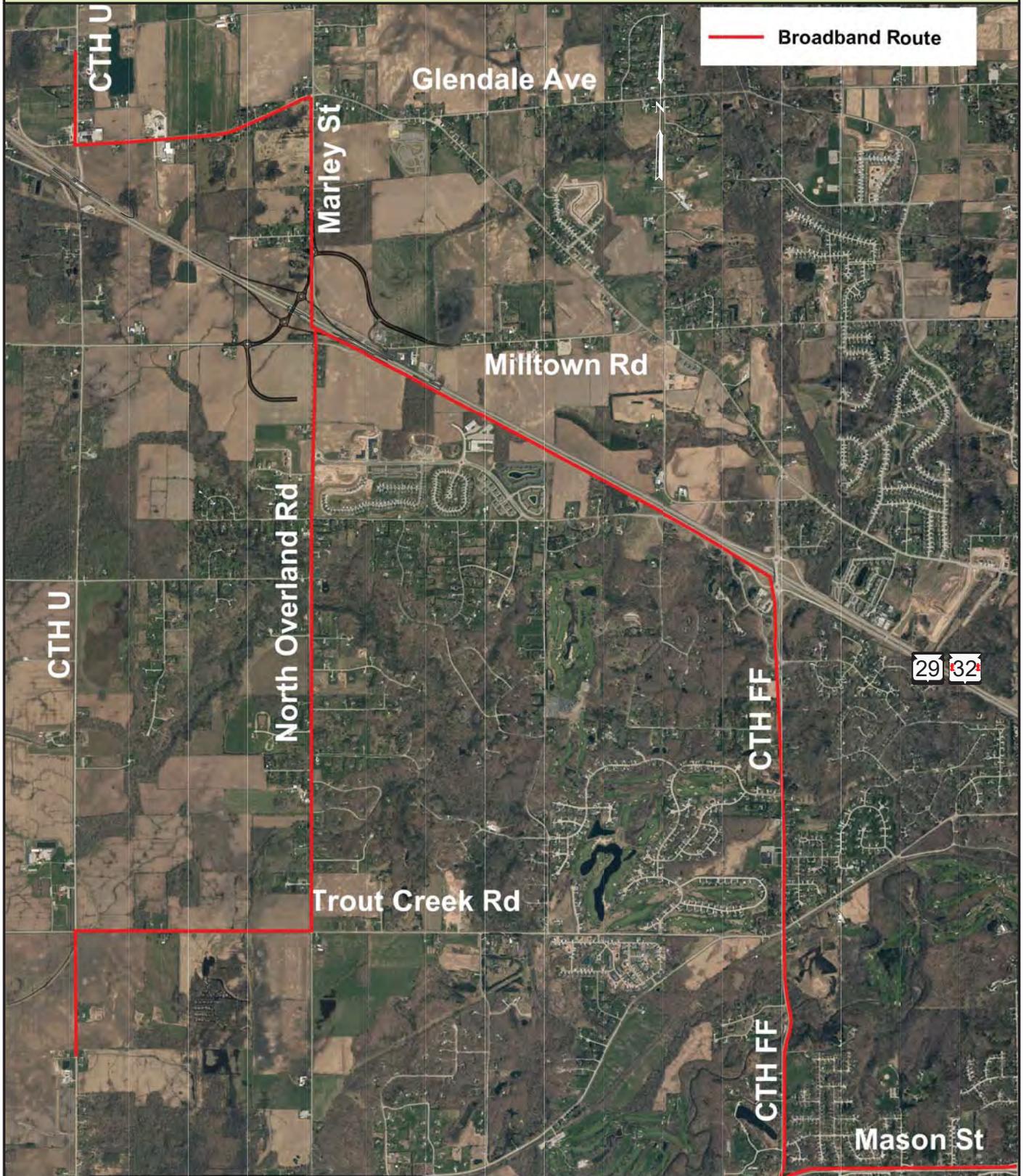
Sincerely,

A handwritten signature in black ink that reads "Matt Ternes".

Matt Ternes
WisDOT Project Manager

cc: bees.cr@dot.wi.gov
Matt Ternes, WisDOT Project Manager
Mike Helmrick, Environmental Coordinator, WisDOT Northeast Region
Ayres Associates

Brown County Broadband Fiber Alternate Routes



WIS 29/COUNTY VV Interchange, Brown County



T	FIRST	LAST	TITLE	TRIBE	ADD1	ADD2	CITY	ST	ZIP
Ms.	Edith	Leoso	THPO	Bad River Band of Lake Superior	Chippewa Indians - WI	PO Box 39	Odanah	WI	54861
Mr.	Michael	LaRonge	THPO	Forest CO Potawatomi Community – WI	Tribal Office	PO Box 340	Crandon	WI	54520
Mr.	Marcus	Ammesmaki	THPO	Fond du Lac Band of	Lake Superior Chippewa	1720 Big Lake Road	Cloquet	MN	55720
Mr.	William	Quackenbush	THPO	Ho-Chunk Nation	Executive Offices	PO Box 667	Black River Falls	WI	54615
Mr.	Robert	Sander	THPO	Lac Courte Oreilles Band - Lake Superior	Chippewa Indians – WI Tribal Office	13394 W. Trepania Road	Hayward	WI	54843
Ms.	Melinda	Young	THPO	Lac du Flambeau Band - Lake Superior	Chippewa Indians – WI (Tribal Historic Preservation Office)	PO Box 67	Lac du Flambeau	WI	54538
Mr.	David	Grignon	THPO	Menominee Indian Tribe of Wisconsin	W3426 CTH V V West	PO Box 910	Keshena	WI	54135
Ms.	Corina	Williams	THPO	Oneida Tribe of Indians of Wisconsin	Tribal Office	PO Box 365	Oneida	WI	54155
Mr.	Larry	Balber	THPO	Red Cliff Band of Lake Superior	Chippewa Indians – WI	88385 Pike Rd, HWY 13	Bayfield	WI	54814
Ms.	Wanda	McFaggen	THPO	St. Croix Band Chippewa Indians – WI	Tribal Historic Preservation Office	24663 Angeline Avenue	Webster	WI	54893
Mr.	Adam	VanZile	THPO	Sokaogon Chippewa Community	Mole Lake Band	3051 Sand Lake Road	Crandon	WI	54520
Ms.	Sandra	Massey	NAGPRA Representative	Sac & Fox Nation of Oklahoma		RR 2, Box 246	Stroud	OK	74079
Mr.	Gary	Bahr		Sac & Fox Nation of Missouri	In Kansas & Nebraska	305 N. Main	Reserve	KS	66434
Mr.	Jonathan	Buffalo	NAGPRA Representative	Sac & Fox of the Mississippi	In Iowa	349 Meskwaki Road	Tama	IA	52339
Ms.	Bonney	Hartley	THPO	Stockbridge Chippewa Community	Tribal Office	W13447 Camp 14 Road	Bowler	WI	54416
			Cultural Preservation Office	Iowa Tribe of Oklahoma		RR 1, Box 721	Perkins	OK	74059
Ms.	Hattie	Mitchell	THPO	Prairie Band Potawatomi Nation		16281 Q Road	Mayetta	KS	66509
Mr.	Noah	White	THPO	Prairie Island Indian Community		5636 Sturgeon Lake Road	Welch	MN	55089
Mr.	giiwegiizhigookway	Martin	Ketegitgaaning Ojibwe Nation/THPO	Lac Vieux Desert Band - Lake Superior	Chippewa Indians	PO Box 249	Watersmeet	MI	49969

Exhibit E

WDNR Correspondence

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay, WI 54313

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



September 12, 2019

DOT: Brown

Matt Ternes
WI Department of Transportation
944 Vanderperren Way
Green Bay, WI 54304

Subject: DNR Initial Project Review

Project I.D. 9200-10-00/72
STH 29/CTH VV Interchange Broadband Installation
CTH FF, STH 29, Marley St., School Rd., Glendale Ave., CTH U, North Overland Rd.,
and Trout Creek Rd. Right of Ways
CTH Village of Hobart and Howard
Brown County

Dear Mr. Ternes:

The Wisconsin Department of Natural Resources (DNR) has received the information you provided for the above-referenced project. According to your proposal this project is part of the STH 29 freeway conversion and STH 29/CTH VV Interchange BUILD Grant. The purpose of this project is to install broadband fiberoptic cable. Proposed improvements include trenching the cable through uplands and boring the cable through wetlands and under waterways. Depending on length of boring a bore connection pit may be needed in wetland areas.

Preliminary information has been reviewed by DNR staff for the project under the DNR/DOT (Wisconsin Department of Transportation) Cooperative Agreement. Initial comments on the project as proposed are included below, and we assume that additional information will be provided that addresses all resource concerns identified. To ensure compliance with resource protections, we are recommending that Special Provisions be developed for specific resource protections described below. DNR expects that the full range of DOT roadway standards will be applied throughout the design and construction process.

Wetlands

DNR and DOT conducted a joint wetland determination of the proposed route. Wetland vegetation was noted in multiple areas of the route and DOT took GPS coordinates of the wetland vegetation limits. There is potential for wetland impacts to occur as a result of this project if the broadband fiberoptic cable is not bored under wetlands. Wetland impacts must be avoided and/or minimized to the greatest extent practicable. Unavoidable wetland losses must be compensated for in accordance with the DNR/DOT Cooperative Agreement and the DOT Wetland Mitigation Banking Technical Guideline. DNR requests information regarding the amount and type of unavoidable wetland impacts.

Fisheries/Stream Work

There are multiple waterway crossings along the proposed route including Duck Creek, which is a warm water stream with a warm water fishery and Trout Creek, which is currently considered an impaired waterway. Other waterways include Thornberry Creek, which is a class 1 trout stream, and unnamed streams, which are mostly tributaries to the above waterways. Based on previous conversations with DOT the proposal is to bore the broadband fiberoptic cable under waterways, which should minimize impacts. If the broadband fiberoptic cable is bored under all waterways then there should not be a need for instream date restrictions since there would be no instream disturbance. If waterway impacts are anticipated then there shall be no in-stream disturbance between March 1 and June 15 for all streams and after October 1 for Thornberry Creek, with all dates inclusive of the timeout period. This construction BMP minimizes impacts to fish and other aquatic organisms during sensitive time periods such as spawning, and migration.

- ❖ *Disclaimer: Requests to modify the in-stream timeout dates may be made, if seasonal conditions and/or extra best management practices (BMPs) would allow it. These requests must be submitted to the DNR for review, and will be handled on a case-by-case basis.*

If erosion control matting is to be used along stream banks, DNR recommends biodegradable non-netted matting (e.g. Class I Type A Urban, Class I Type B Urban, or Class II Type C). Long-term netted mats may cause animal entrapment. Avoid the use of fine mesh matting that is tied or bonded at the mesh intersection such that the openings in the mesh are fixed in size.

Endangered Resources

Based upon a review of the Natural Heritage Inventory (NHI) dated September 12, 2019, there are multiple records for State Special Concern and Threatened plants and turtles, Federally protected bird, and two Special Communities. Adverse impacts to these species and communities are not anticipated provided wetlands and waterways are bored under and tree removal is kept to a minimum. It is also recommended that ground disturbance in wetlands area or along riparian corridors of waterways be avoided between May 20 and September 18. With this review the following has also been determined:

- There are no known Northern Long-eared Bat (NLEB) maternity roost trees within 150 feet of the project, or known hibernacula within 0.25 miles of the proposed project area.
- This project is located outside of any High Potential Zones (HPZ) for the Rusty Patched Bumblebee (RPBB), and therefore should have no impact on this federally endangered species.
- ❖ *NHI Disclaimer: This review letter may contain NHI data, including specific locations of endangered resources, which are considered sensitive and are not subject to Wisconsin's Open Records Law. As a result, information contained in this review letter may be shared only with individuals or agencies that require this information in order to carry out specific roles in the permitting, planning and implementation of the proposed project. Specific locations of endangered resources may not be released or reproduced in any publicly disseminated documents.*

Invasive Species and Viral Hemorrhagic Septicemia (VHS)

Invasive species are located in multiple areas along the project corridor. All project equipment shall be decontaminated for removal of invasive species prior to and after each use in each specific area where invasive species are present on the project site by utilizing other best management practices to avoid the spread of invasive species as outlined in NR 40, Wis. Adm. Code. For more information, refer to <http://dnr.wi.gov/topic/Invasives/bmp.html>.

Floodplains

A determination must be made as to whether the project lies within a mapped/zoned floodplain. Any proposed temporary or permanent changes to the road or waterway geometry in mapped floodplain areas requires that DOT coordinate with the Brown County Zoning Administrator to ensure compliance with the local zoning ordinance and NR116. Examples of floodplain development activity includes, but

not limited to, the following: changes to waterway crossings; culvert extensions; changes to road surface elevations and/or side-slopes; temporary causeways; temporary structures; general fill.

- A preliminary review of the Surface Water Data Viewer (SWDV) indicates that floodplain conditions exist within the project limits.

Storm Water Management & Erosion Control

- For projects disturbing an acre or more of land, erosion control and storm water measures must adhere to the Wisconsin Pollutant Discharge Elimination System Transportation Construction General Permit (TCGP) for Storm Water Discharges. Coverage under TCGP is required prior to construction. DOT should apply for permit coverage just before the project goes to final PS&E. Permit coverage will be issued by the DNR after design is complete and documentation shows that the project will meet construction and post-construction performance standards. For more information regarding the TCGP you can go to the following link, and click on the “Transportation” tab: <https://dnr.wi.gov/topic/Sectors/Transportation.html>.
- All projects require an Erosion Control Plan (ECP) that describes best management practices that will be implemented before, during and after construction to minimize pollution from storm water discharges. Additionally, the plan should address how post-construction storm water performance standards will be met for the specific site. The project design and Erosion Control Implementation Plan (ECIP) must comply with the TCGP in order to receive “permit-coverage” from the DNR.
- Once the project contract has been awarded, the contractor will be required to outline their construction methods in the ECIP. An adequate ECIP for the project must be developed by the contractor and submitted to this office for review at least 14 days prior to the preconstruction conference. For projects regulated under the TCGP, submit the ECIP as an amendment to the ECP.

Selected Site & Commercial Non-Metallic Mines

- The DOT Select Site process must be adhered to for clean fill or any other material that leaves the work site. The DNR liaison will review all proposed select sites and a site visit may be required. Filling of wetlands, waterways or floodplain is not allowed under the select site process, unless the site owner obtains required permits. No new impermeable surfaces can be left at a select site (including gravel roads or pads), unless the site owner obtains required permits. Contaminated materials leaving the site need to adhere to the Hazardous Material Management Plan.
- Use of Commercial Non-Metallic Mines must accompany documentation that such mines have received all applicable local, state and federal permits before being used on the project, including local non-metallic mining reclamation permits and applicable WPDES permits as issued by the DNR.

Other Issues

- This project may require a permit from the U.S. Army Corps of Engineers (USACE). For further permit details, you may contact Jessica Kempke of the USACE located in the Green Bay office, at (920) 448-2824. All local, state, and federal permits and/or approvals must be obtained prior to commencing construction activities.
- Because part of this project is located within the Oneida Nation Reservation you should contact Jim Snitgen from the Oneida Nation at (920) 869-4589.

The above comments represent the DNR’s initial concerns for the proposed project and do not constitute final concurrence. Final concurrence will be granted after further review of refined project plans, and additional consultation if necessary. If any of the concerns or information provided in this

letter requires further clarification, please contact this office at (920) 412-0165, or email at james.doperalski@wisconsin.gov.

Sincerely,

A handwritten signature in black ink that reads "James P. Doperalski Jr." with a stylized, cursive script.

James P. Doperalski Jr.
Environmental Analysis & Review Specialist

c: Mike Helmrick - DOT
Jim Snitgen – Oneida Nation
File

Exhibit F

US Fish & Wildlife Service Correspondence

No Effect Determination for Northern Long-Eared Bat under the Final 4(d) Rule for WisDOT NE Region projects

9200-10-72

Brown

WIS 29 and County VV Interchange Broad Band Route

Project Description/Scope

Fiber optic utility installation included as part of the WIS 29/County VV Interchange BUILD Grant

Effect determination for northern long-eared bat:

No effect – the checklist below must be completed to determine whether or not the project has the potential to affect the northern long-eared bat.

May affect –consultation with USFWS is required. Follow [Key to the Northern Long-Eared Bat 4\(d\) Rule for Federal Actions that May Affect Northern Long-Eared Bats](#) or [User's Guide for the Range-wide Programmatic Consultation for Indiana Bat and Northern Long-eared Bat](#). Use of this form is not acceptable.

1 – Will the Northern Long-Eared Bat be exposed directly or indirectly to the proposed action or any resulting environmental changes? (see REC for assistance in determining)

Yes – You cannot proceed with a “no effect” determination, go to Final 4(d) or Programmatic (see REC)

No – Proceed to question 2

2 – Does the project include tree clearing? (Note “tree” is considered to be 3” diameter or larger)

Yes – You cannot proceed with a “no effect” determination, go to Final 4(d) rule coordination

No – Proceed to question 3

3 – Does the project occur within 150’ of a known NLEB maternity roost? (Information from DNR)

Yes – You cannot proceed with a “no effect” determination, go to Final 4(d) or Programmatic (see REC)

No – Proceed to question 4

4 – Does the project occur within 0.25 miles of a known NLEB hibernaculum? (Information from DNR)

Yes – You cannot proceed with a “no effect” determination, go to Final 4(d) or Programmatic (see REC)

No – You can make the determination of “no effect” for NLEB

Effect determination(s) for federally listed species other than northern long-eared bat on the IPaC official species list:

- No other federally listed species
- No effect – see table below.
- May affect –consultation with USFWS is required. Use of this form is not acceptable.

Species Common Name	Species Scientific Name	Effect Determination	Justification
Dwarf Lake Iris	<i>Iris Lacustris</i>	No Effect	Habitat not present in the corridor, and not occurrences in the NHI
Red Knot	<i>Canutus rufa</i>	No Effect	Migratory only, no nesting in WI, and not tracked in the NHI

If a determination of “no effect” can be made for both the northern long-eared bat and all other federally listed species, the Section 7 process is complete. Confirm determination decisions with REC. Place an electronic copy of this form along with the required attachments (below) in the project file and attach to the environmental document.

Required Attachments:

- WDNR NHI review: DNR response only for the counties that had more significant work.
- IPaC Official Species List:



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Green Bay Ecological Services Field Office
2661 Scott Tower Drive
New Franken, WI 54229-9565
Phone: (920) 866-1717 Fax: (920) 866-1710

In Reply Refer To:

September 19, 2019

Consultation Code: 03E17000-2019-SLI-1736

Event Code: 03E17000-2019-E-04605

Project Name: 9200-10-72, WIS 29/VV Build Grant, Broadband Route

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The attached species list identifies any federally threatened, endangered, proposed and candidate species that may occur within the boundary of your proposed project or may be affected by your proposed project. The list also includes designated critical habitat if present within your proposed project area or affected by your project. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

Section 7 of the Endangered Species Act of 1973 requires that actions authorized, funded, or carried out by Federal agencies not jeopardize federally threatened or endangered species or adversely modify designated critical habitat. To fulfill this mandate, Federal agencies (or their designated non-federal representative) must consult with the Service if they determine their project "may affect" listed species or critical habitat.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally. You may verify the list by visiting the ECOS-IPaC website <http://ecos.fws.gov/ipac/> at regular intervals during project planning and implementation and completing the same process you used to receive the attached list. As an alternative, you may contact this Ecological Services Field Office for updates.

Please use the species list provided and visit the U.S. Fish and Wildlife Service's Region 3 Section 7 Technical Assistance website at - <http://www.fws.gov/midwest/endangered/section7/s7process/index.html>. This website contains step-by-step instructions which will help you determine if your project will have an adverse effect on listed species and will help lead you through the Section 7 process.

For all **wind energy projects** and **projects that include installing towers that use guy wires or are over 200 feet in height (e.g., communication towers)**, please contact this field office directly for assistance, even if no federally listed plants, animals or critical habitat are present within your proposed project or may be affected by your proposed project.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*) and Migratory Bird Treaty Act (16 U.S.C. 703 *et seq.*), as are golden eagles. Projects affecting these species may require measures to avoid harming eagles or may require a permit. If your project is near an eagle nest or winter roost area, see our Eagle Permits website at <http://www.fws.gov/midwest/midwestbird/EaglePermits/index.html> to help you determine if you can avoid impacting eagles or if a permit may be necessary.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Green Bay Ecological Services Field Office

2661 Scott Tower Drive

New Franken, WI 54229-9565

(920) 866-1717

Project Summary

Consultation Code: 03E17000-2019-SLI-1736

Event Code: 03E17000-2019-E-04605

Project Name: 9200-10-72, WIS 29/VV Build Grant, Broadband Route

Project Type: TRANSPORTATION

Project Description: The project is a utility installation that is tied to the build grant for the WIS 29 and County VV interchange. It will install broadband facilities from NWTC in Green Bay, to the new interchange location, and then to a cell tower.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/44.55844257578451N88.1302817399848W>



Counties: Brown, WI | Outagamie, WI

Endangered Species Act Species

There is a total of 3 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Birds

NAME	STATUS
Red Knot <i>Calidris canutus rufa</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened

Flowering Plants

NAME	STATUS
Dwarf Lake Iris <i>Iris lacustris</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/598	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay, WI 54313

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



September 12, 2019

DOT: Brown

Matt Ternes
WI Department of Transportation
944 Vanderperren Way
Green Bay, WI 54304

Subject: DNR Initial Project Review

Project I.D. 9200-10-00/72
STH 29/CTH VV Interchange Broadband Installation
CTH FF, STH 29, Marley St., School Rd., Glendale Ave., CTH U, North Overland Rd.,
and Trout Creek Rd. Right of Ways
CTH Village of Hobart and Howard
Brown County

Dear Mr. Ternes:

The Wisconsin Department of Natural Resources (DNR) has received the information you provided for the above-referenced project. According to your proposal this project is part of the STH 29 freeway conversion and STH 29/CTH VV Interchange BUILD Grant. The purpose of this project is to install broadband fiberoptic cable. Proposed improvements include trenching the cable through uplands and boring the cable through wetlands and under waterways. Depending on length of boring a bore connection pit may be needed in wetland areas.

Preliminary information has been reviewed by DNR staff for the project under the DNR/DOT (Wisconsin Department of Transportation) Cooperative Agreement. Initial comments on the project as proposed are included below, and we assume that additional information will be provided that addresses all resource concerns identified. To ensure compliance with resource protections, we are recommending that Special Provisions be developed for specific resource protections described below. DNR expects that the full range of DOT roadway standards will be applied throughout the design and construction process.

Wetlands

DNR and DOT conducted a joint wetland determination of the proposed route. Wetland vegetation was noted in multiple areas of the route and DOT took GPS coordinates of the wetland vegetation limits. There is potential for wetland impacts to occur as a result of this project if the broadband fiberoptic cable is not bored under wetlands. Wetland impacts must be avoided and/or minimized to the greatest extent practicable. Unavoidable wetland losses must be compensated for in accordance with the DNR/DOT Cooperative Agreement and the DOT Wetland Mitigation Banking Technical Guideline. DNR requests information regarding the amount and type of unavoidable wetland impacts.

Fisheries/Stream Work

There are multiple waterway crossings along the proposed route including Duck Creek, which is a warm water stream with a warm water fishery and Trout Creek, which is currently considered an impaired waterway. Other waterways include Thornberry Creek, which is a class 1 trout stream, and unnamed streams, which are mostly tributaries to the above waterways. Based on previous conversations with DOT the proposal is to bore the broadband fiberoptic cable under waterways, which should minimize impacts. If the broadband fiberoptic cable is bored under all waterways then there should not be a need for instream date restrictions since there would be no instream disturbance. If waterway impacts are anticipated then there shall be no in-stream disturbance between March 1 and June 15 for all streams and after October 1 for Thornberry Creek, with all dates inclusive of the timeout period. This construction BMP minimizes impacts to fish and other aquatic organisms during sensitive time periods such as spawning, and migration.

- ❖ *Disclaimer: Requests to modify the in-stream timeout dates may be made, if seasonal conditions and/or extra best management practices (BMPs) would allow it. These requests must be submitted to the DNR for review, and will be handled on a case-by-case basis.*

If erosion control matting is to be used along stream banks, DNR recommends biodegradable non-netted matting (e.g. Class I Type A Urban, Class I Type B Urban, or Class II Type C). Long-term netted mats may cause animal entrapment. Avoid the use of fine mesh matting that is tied or bonded at the mesh intersection such that the openings in the mesh are fixed in size.

Endangered Resources

Based upon a review of the Natural Heritage Inventory (NHI) dated September 12, 2019, there are multiple records for State Special Concern and Threatened plants and turtles, Federally protected bird, and two Special Communities. Adverse impacts to these species and communities are not anticipated provided wetlands and waterways are bored under and tree removal is kept to a minimum. It is also recommended that ground disturbance in wetlands area or along riparian corridors of waterways be avoided between May 20 and September 18. With this review the following has also been determined:

- There are no known Northern Long-eared Bat (NLEB) maternity roost trees within 150 feet of the project, or known hibernacula within 0.25 miles of the proposed project area.
- This project is located outside of any High Potential Zones (HPZ) for the Rusty Patched Bumblebee (RPBB), and therefore should have no impact on this federally endangered species.
- ❖ *NHI Disclaimer: This review letter may contain NHI data, including specific locations of endangered resources, which are considered sensitive and are not subject to Wisconsin's Open Records Law. As a result, information contained in this review letter may be shared only with individuals or agencies that require this information in order to carry out specific roles in the permitting, planning and implementation of the proposed project. Specific locations of endangered resources may not be released or reproduced in any publicly disseminated documents.*

Invasive Species and Viral Hemorrhagic Septicemia (VHS)

Invasive species are located in multiple areas along the project corridor. All project equipment shall be decontaminated for removal of invasive species prior to and after each use in each specific area where invasive species are present on the project site by utilizing other best management practices to avoid the spread of invasive species as outlined in NR 40, Wis. Adm. Code. For more information, refer to <http://dnr.wi.gov/topic/Invasives/bmp.html>.

Floodplains

A determination must be made as to whether the project lies within a mapped/zoned floodplain. Any proposed temporary or permanent changes to the road or waterway geometry in mapped floodplain areas requires that DOT coordinate with the Brown County Zoning Administrator to ensure compliance with the local zoning ordinance and NR116. Examples of floodplain development activity includes, but

not limited to, the following: changes to waterway crossings; culvert extensions; changes to road surface elevations and/or side-slopes; temporary causeways; temporary structures; general fill.

- A preliminary review of the Surface Water Data Viewer (SWDV) indicates that floodplain conditions exist within the project limits.

Storm Water Management & Erosion Control

- For projects disturbing an acre or more of land, erosion control and storm water measures must adhere to the Wisconsin Pollutant Discharge Elimination System Transportation Construction General Permit (TCGP) for Storm Water Discharges. Coverage under TCGP is required prior to construction. DOT should apply for permit coverage just before the project goes to final PS&E. Permit coverage will be issued by the DNR after design is complete and documentation shows that the project will meet construction and post-construction performance standards. For more information regarding the TCGP you can go to the following link, and click on the “Transportation” tab: <https://dnr.wi.gov/topic/Sectors/Transportation.html>.
- All projects require an Erosion Control Plan (ECP) that describes best management practices that will be implemented before, during and after construction to minimize pollution from storm water discharges. Additionally, the plan should address how post-construction storm water performance standards will be met for the specific site. The project design and Erosion Control Implementation Plan (ECIP) must comply with the TCGP in order to receive “permit-coverage” from the DNR.
- Once the project contract has been awarded, the contractor will be required to outline their construction methods in the ECIP. An adequate ECIP for the project must be developed by the contractor and submitted to this office for review at least 14 days prior to the preconstruction conference. For projects regulated under the TCGP, submit the ECIP as an amendment to the ECP.

Selected Site & Commercial Non-Metallic Mines

- The DOT Select Site process must be adhered to for clean fill or any other material that leaves the work site. The DNR liaison will review all proposed select sites and a site visit may be required. Filling of wetlands, waterways or floodplain is not allowed under the select site process, unless the site owner obtains required permits. No new impermeable surfaces can be left at a select site (including gravel roads or pads), unless the site owner obtains required permits. Contaminated materials leaving the site need to adhere to the Hazardous Material Management Plan.
- Use of Commercial Non-Metallic Mines must accompany documentation that such mines have received all applicable local, state and federal permits before being used on the project, including local non-metallic mining reclamation permits and applicable WPDES permits as issued by the DNR.

Other Issues

- This project may require a permit from the U.S. Army Corps of Engineers (USACE). For further permit details, you may contact Jessica Kempke of the USACE located in the Green Bay office, at (920) 448-2824. All local, state, and federal permits and/or approvals must be obtained prior to commencing construction activities.
- Because part of this project is located within the Oneida Nation Reservation you should contact Jim Snitgen from the Oneida Nation at (920) 869-4589.

The above comments represent the DNR’s initial concerns for the proposed project and do not constitute final concurrence. Final concurrence will be granted after further review of refined project plans, and additional consultation if necessary. If any of the concerns or information provided in this

letter requires further clarification, please contact this office at (920) 412-0165, or email at james.doperalski@wisconsin.gov.

Sincerely,

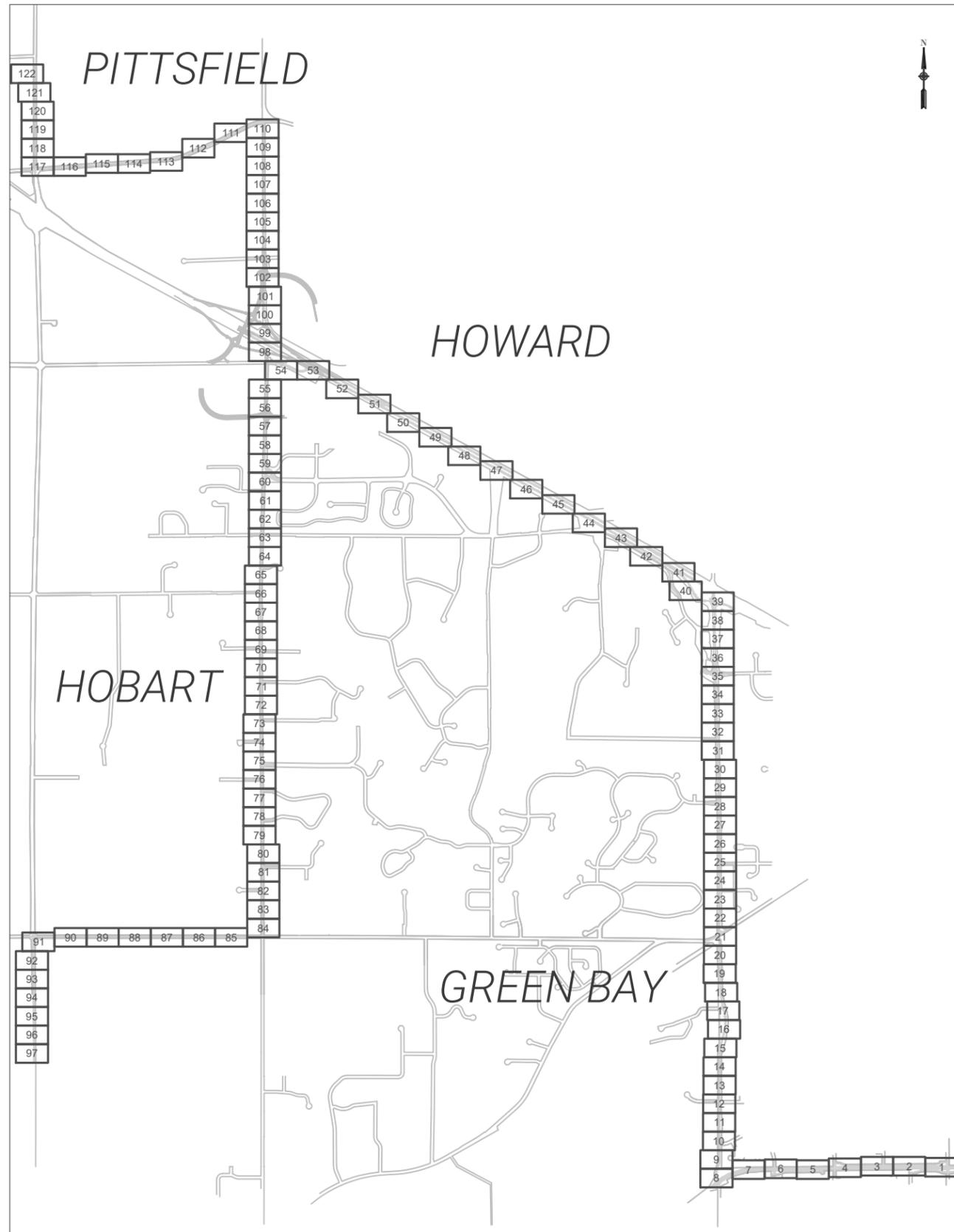
A handwritten signature in black ink that reads "James P. Doperalski Jr." with a stylized, cursive script.

James P. Doperalski Jr.
Environmental Analysis & Review Specialist

c: Mike Helmrick - DOT
Jim Snitgen – Oneida Nation
File

Exhibit G

Project Plans

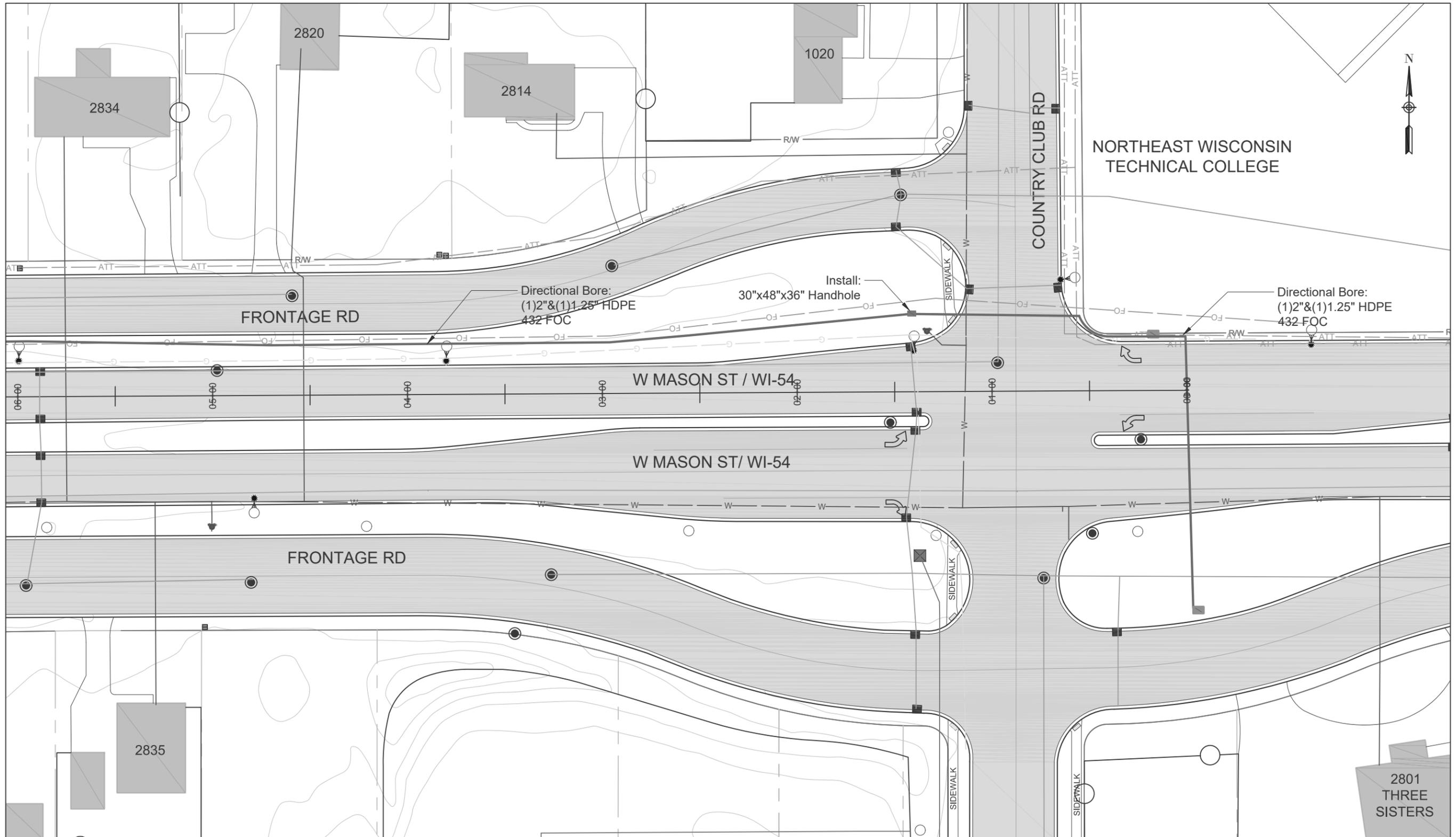


STATE TRUNK HIGHWAY 29-COUNTY HIGHWAY VV MULTIMODAL INTERCHANGE PROJECT - BROADBAND FIBER EXTENSION

LEGEND

- ATT — ATT FACILITIES
- F.O. — FIBER OPTIC
- G — GAS
- TV — CABLE TV
- T — TELEPHONE
- W — WATER
- E — ELECTRIC
- S — STORM SEWER
- SAN — SANITARY
- MANHOLE
- UTILITY POLE
- ⊠ TRANSFORMER
- ▢ UTILITY PED
- EXISTING HANDHOLE
- NEW HANDHOLE
- NEW INSTALL - DIRECTIONAL BORE
- - - - - NEW INSTALL - PLOW

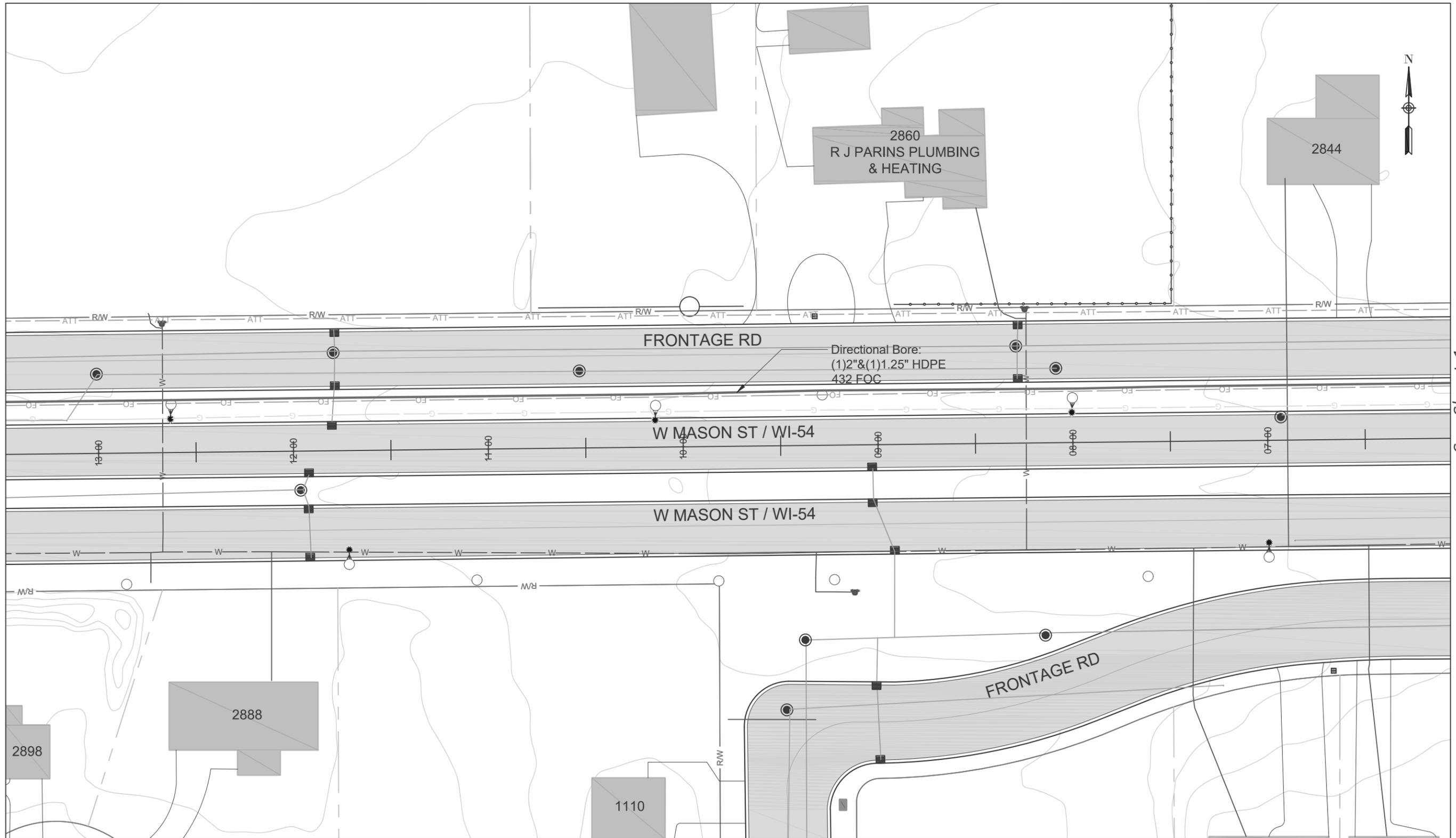
See Sheet 2



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Plow: 0'	Place cable in duct: 745'	

See Sheet 3

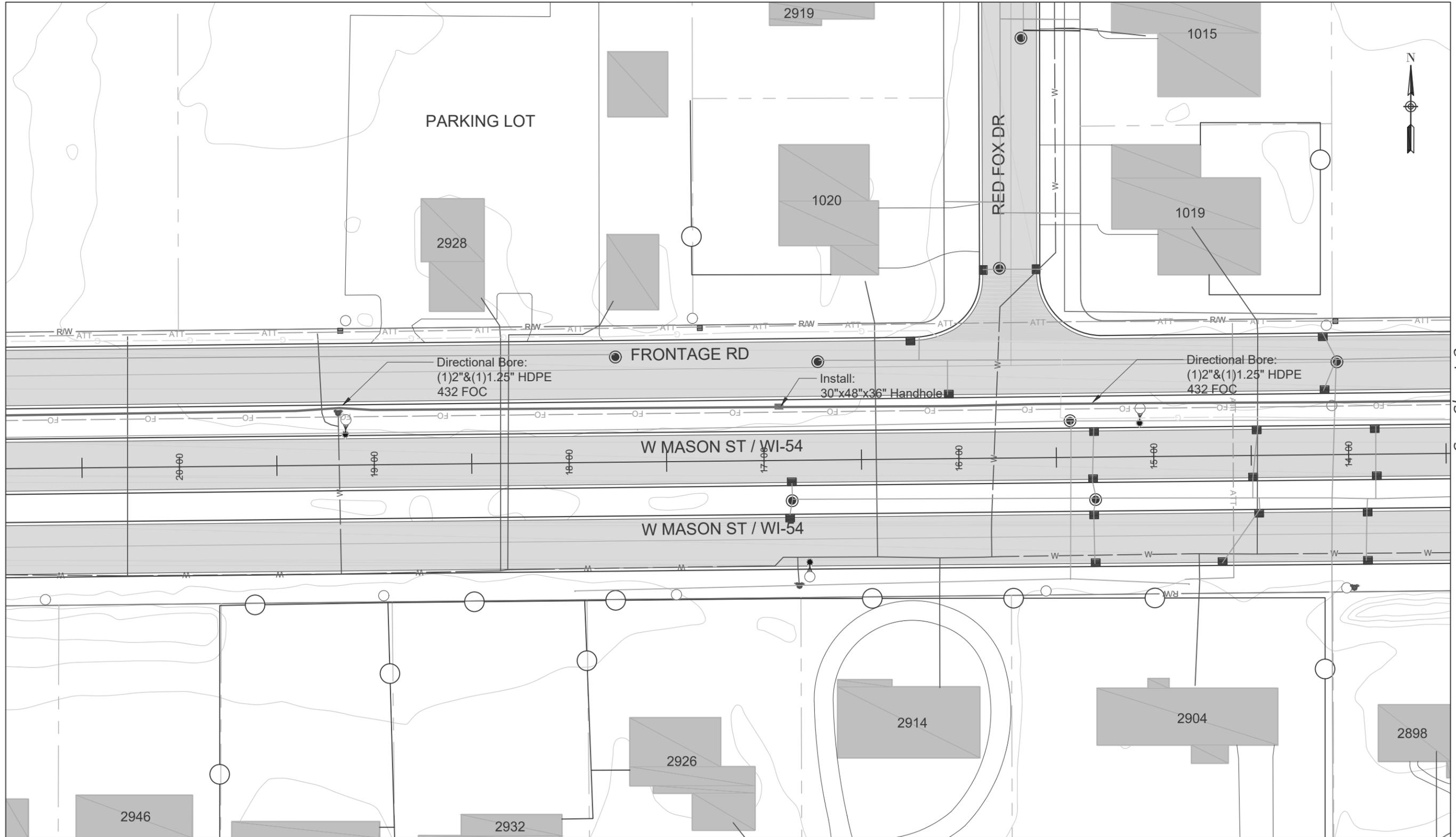
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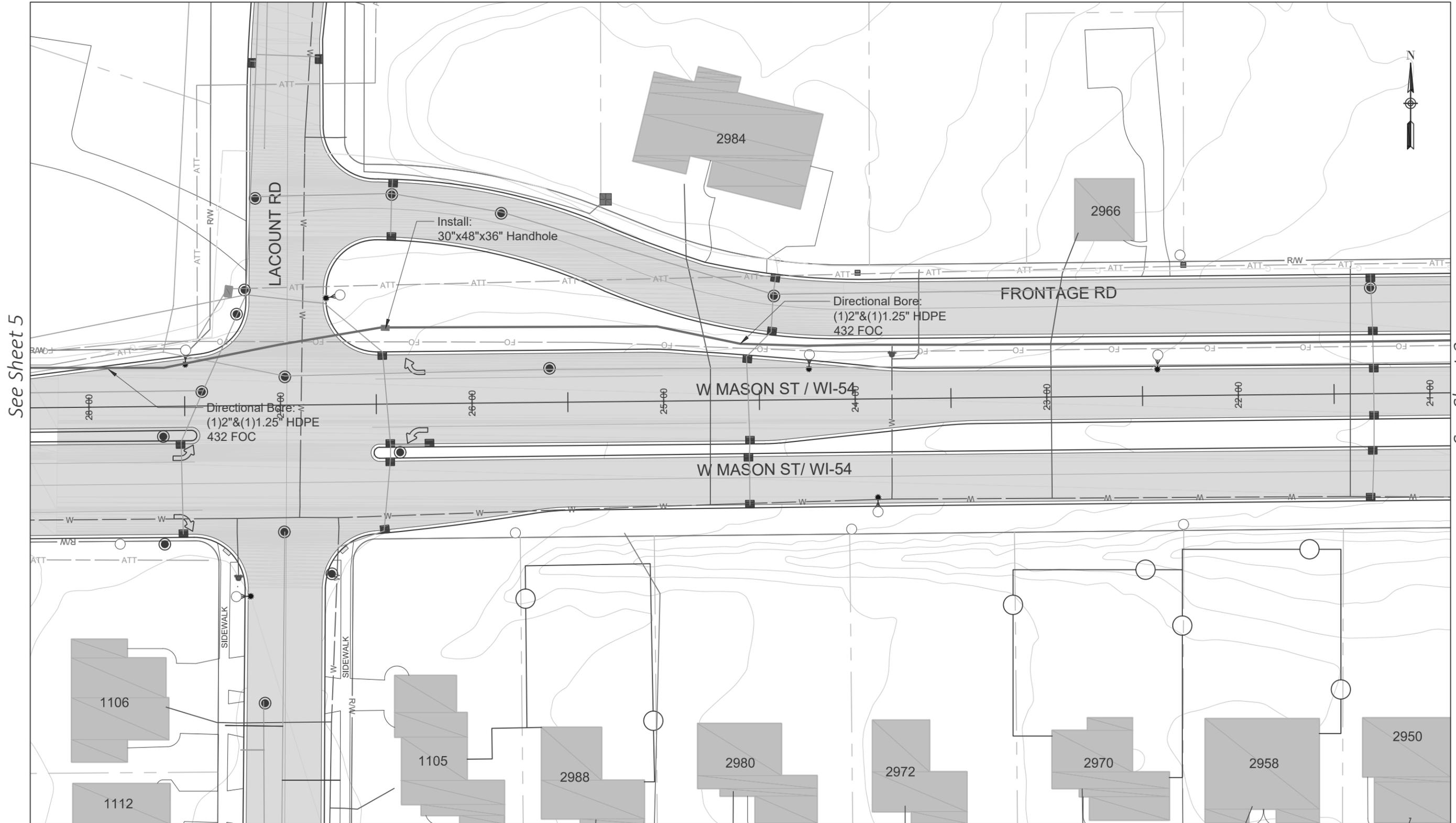
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Plow: 0'	Place cable in duct: 740'	

See Sheet 4

See Sheet 2



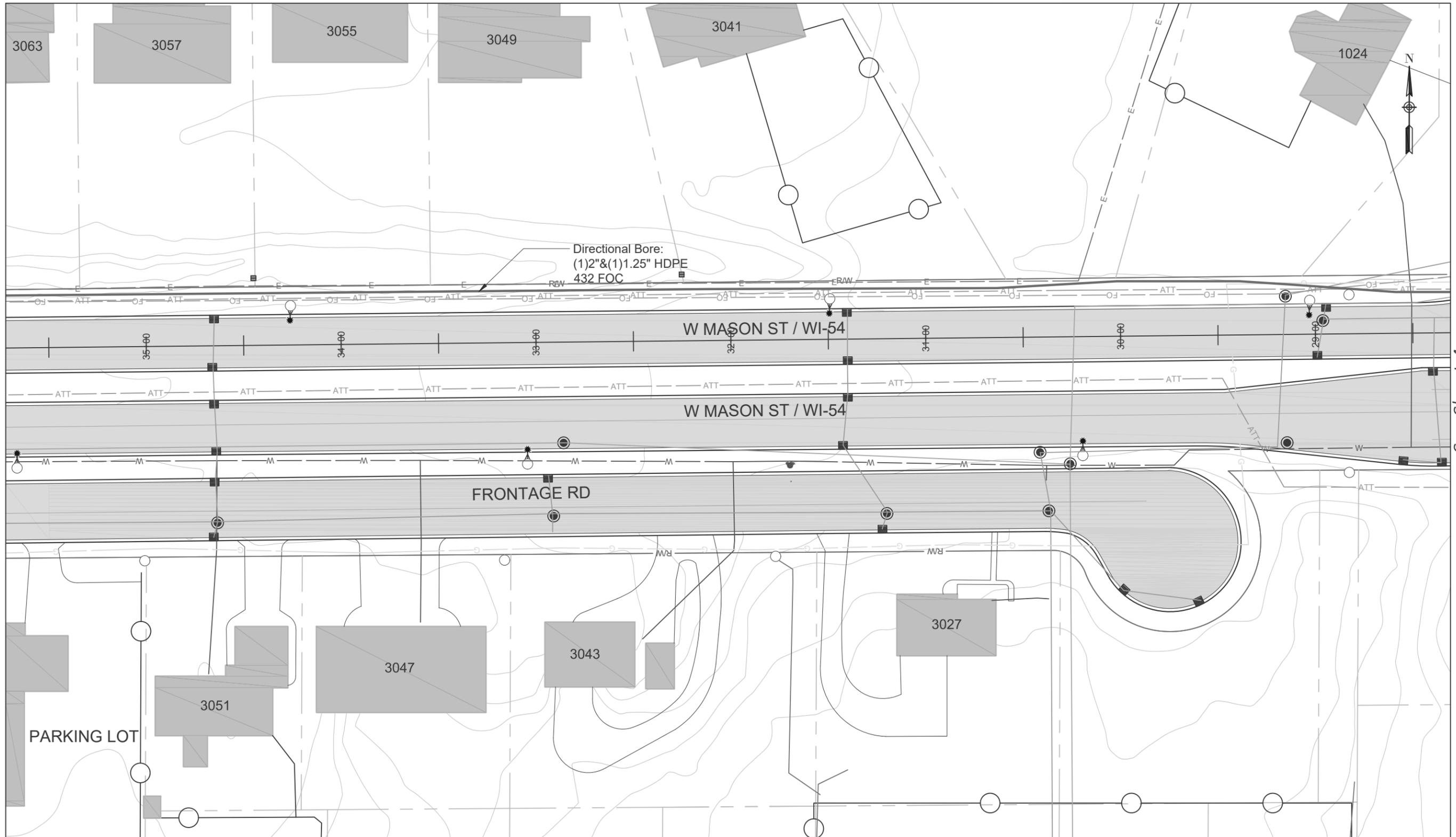
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Plow: 0'	Place cable in duct: 736'	



See Sheet 5

See Sheet 3

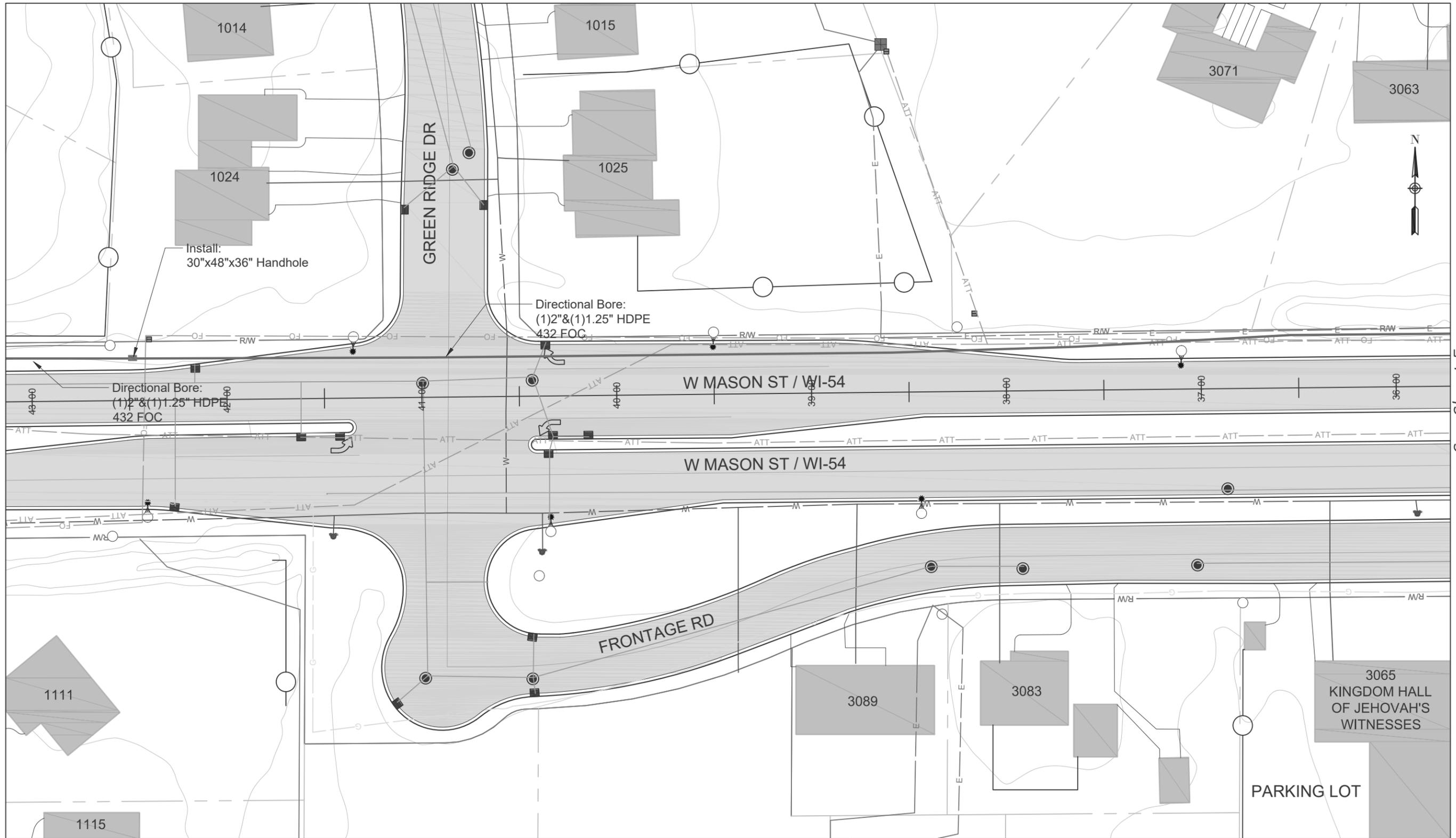
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Plow: 0'	Place cable in duct: 738'	



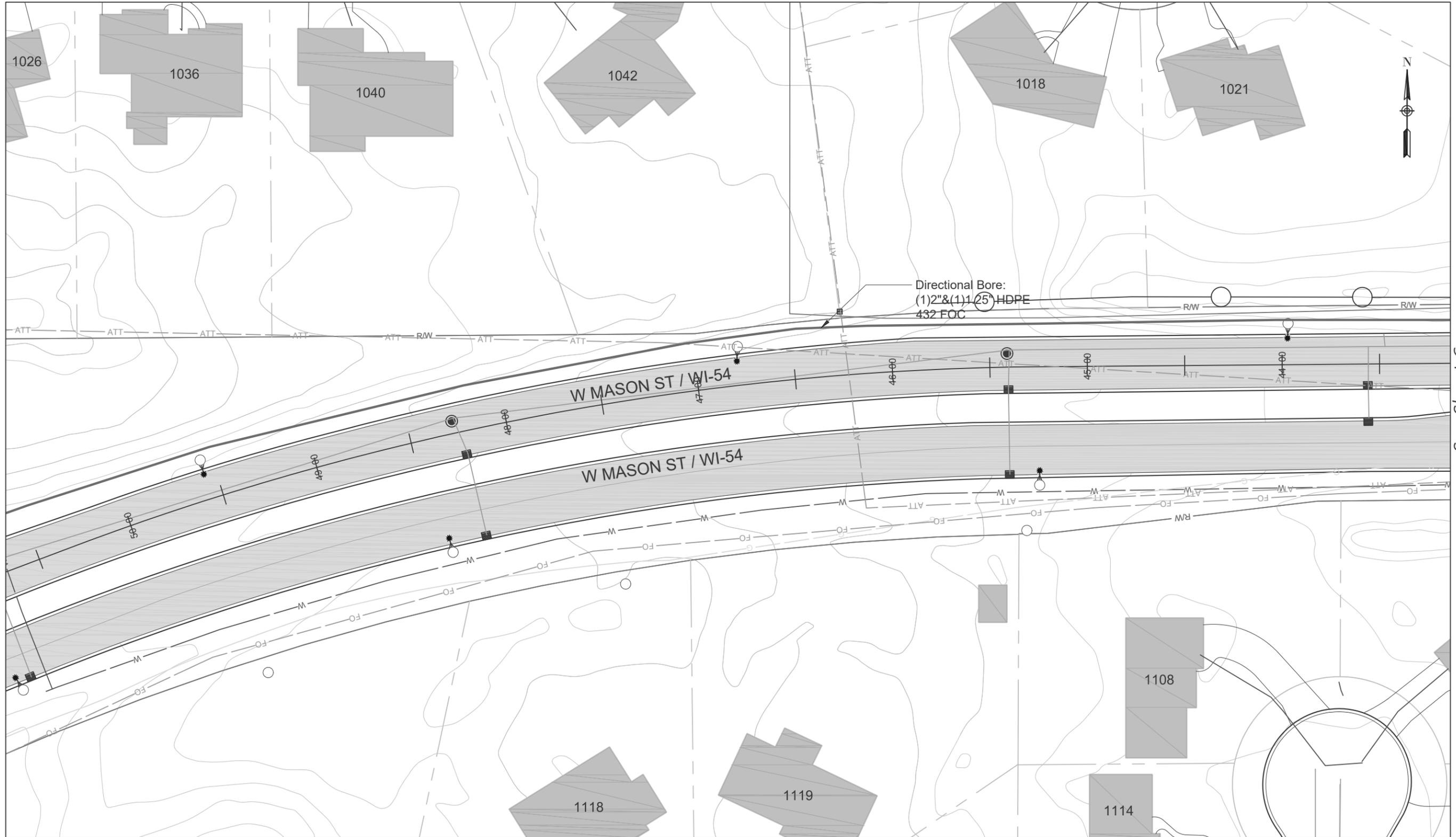
See Sheet 6

See Sheet 4

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Plow: 0'	Place cable in duct: 740'	



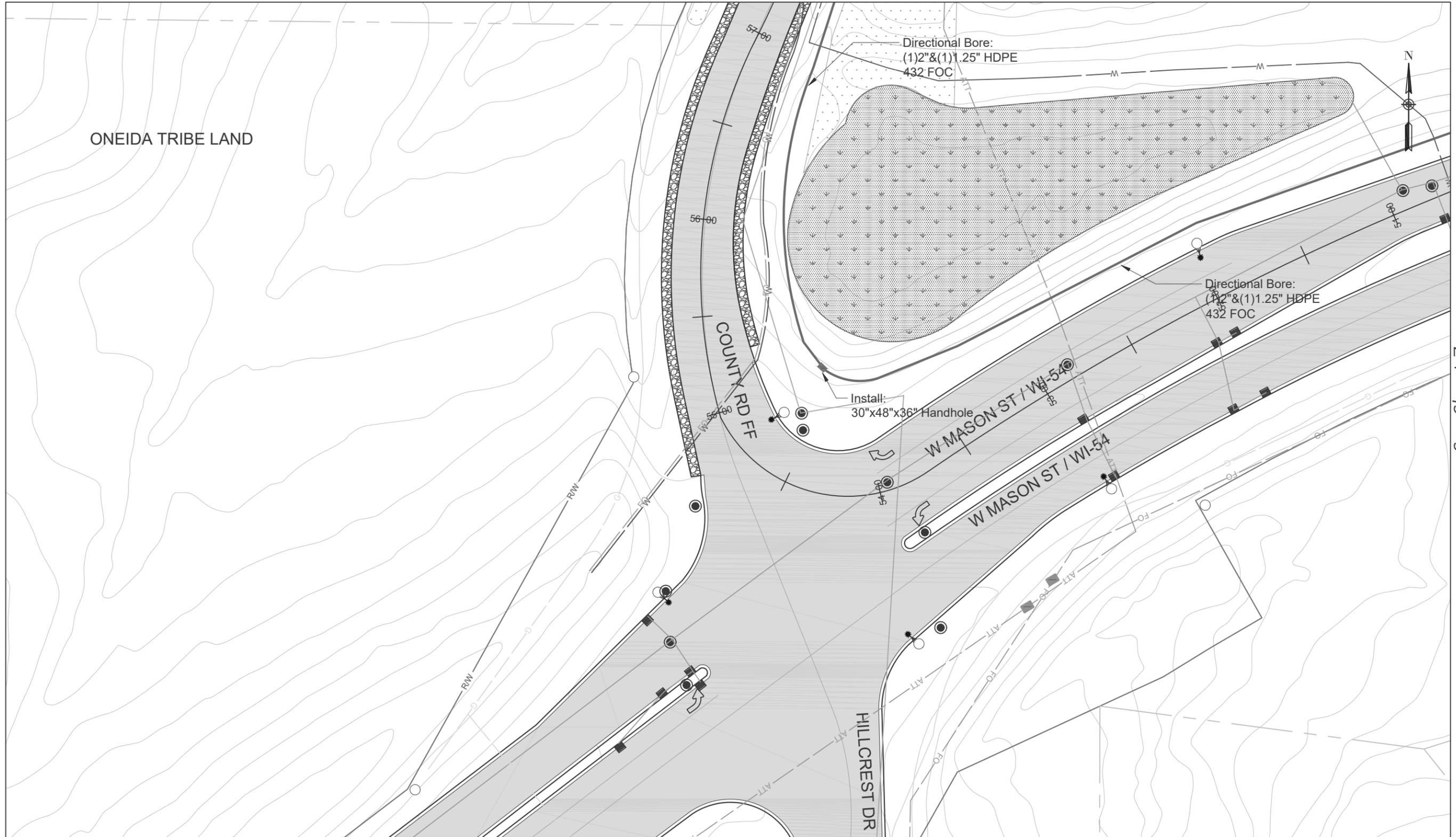
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Plow: 0'	Place cable in duct: 740'	



See Sheet 8

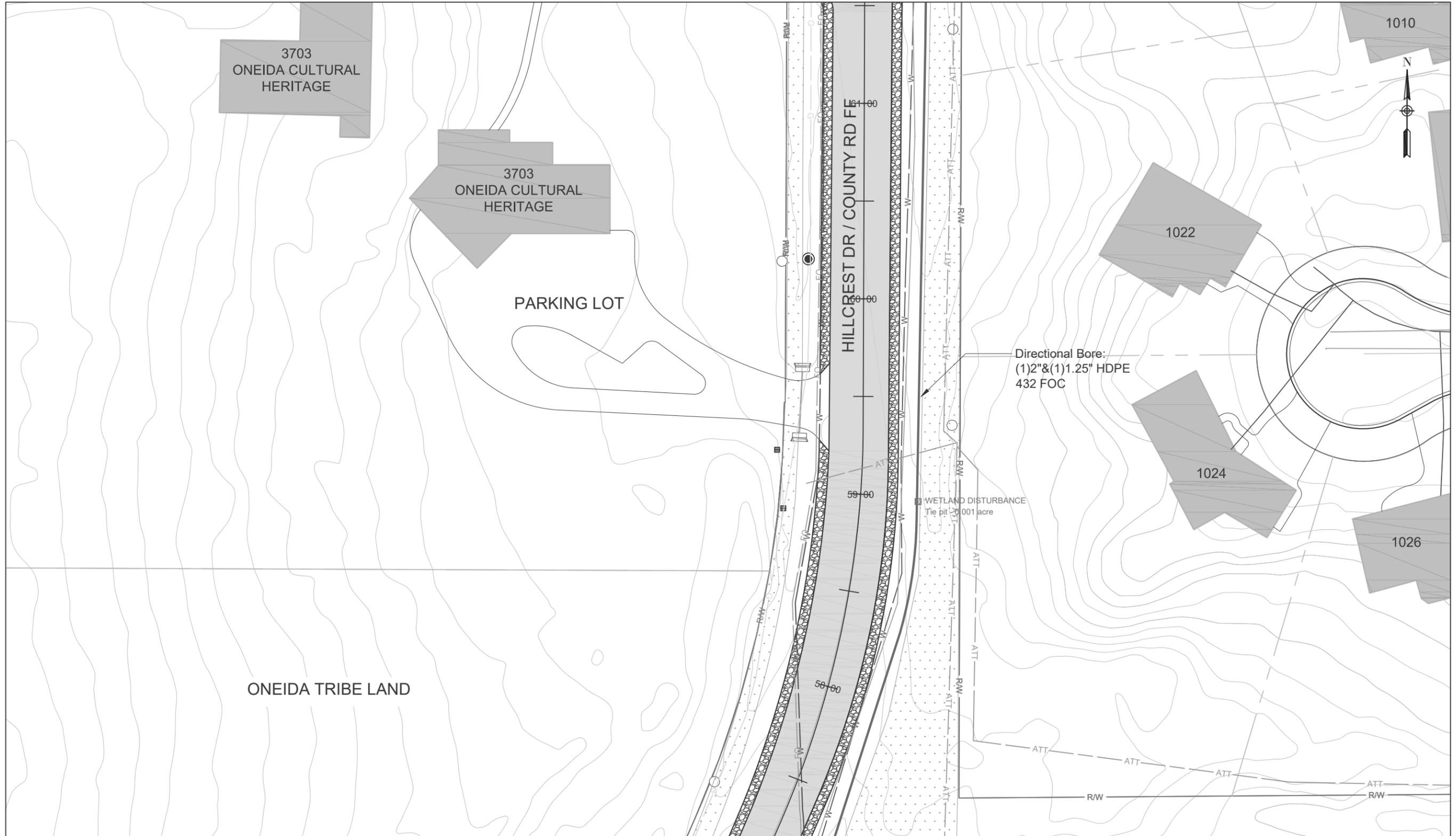
See Sheet 6

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Plow: 0'	Place cable in duct: 752'	



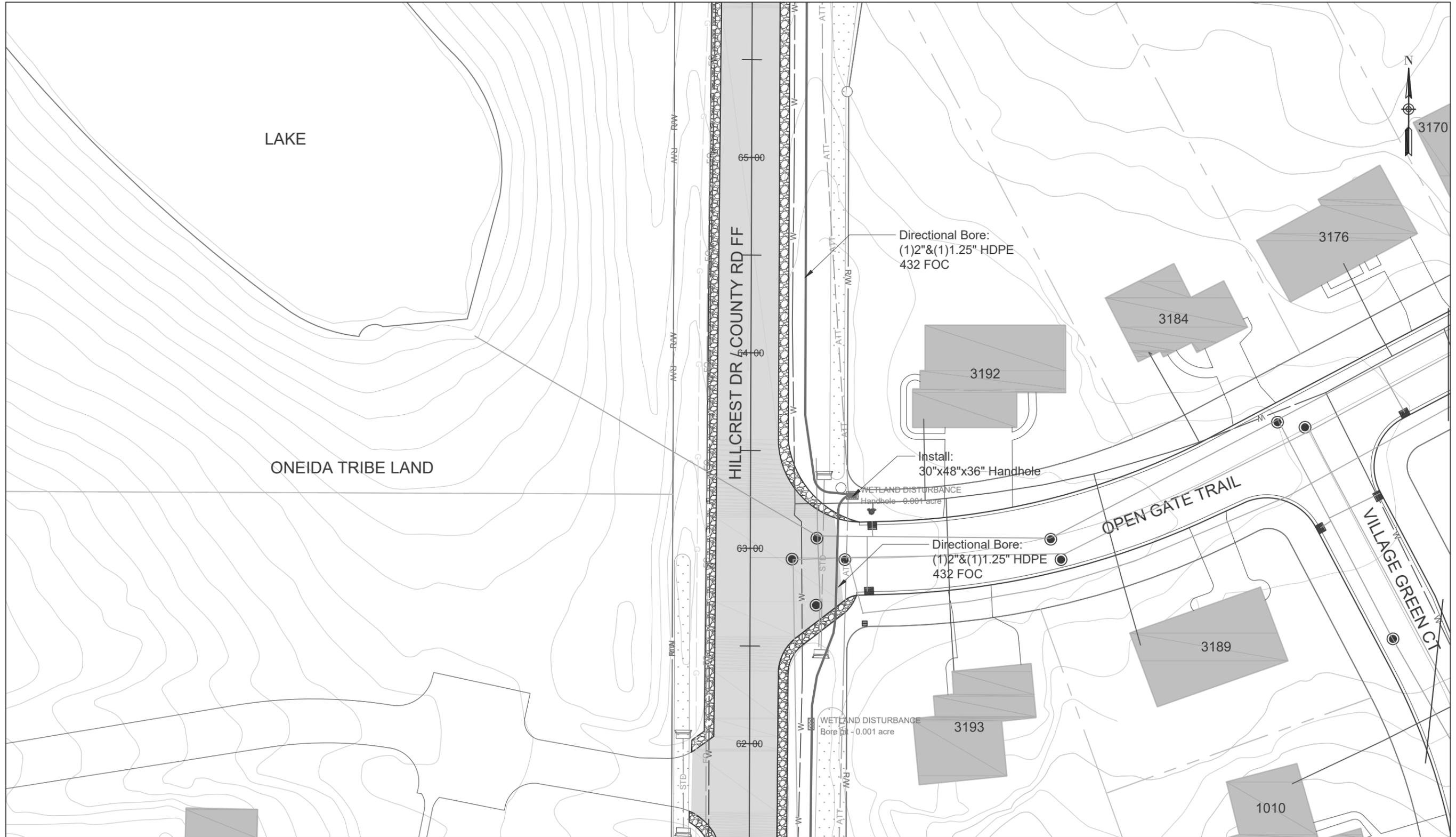
See Sheet 7

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Plow: 0'	Place cable in duct: 542'	



<u>Construction Labor units this page:</u>			
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Plow: 0'	Place cable in duct: 433'		

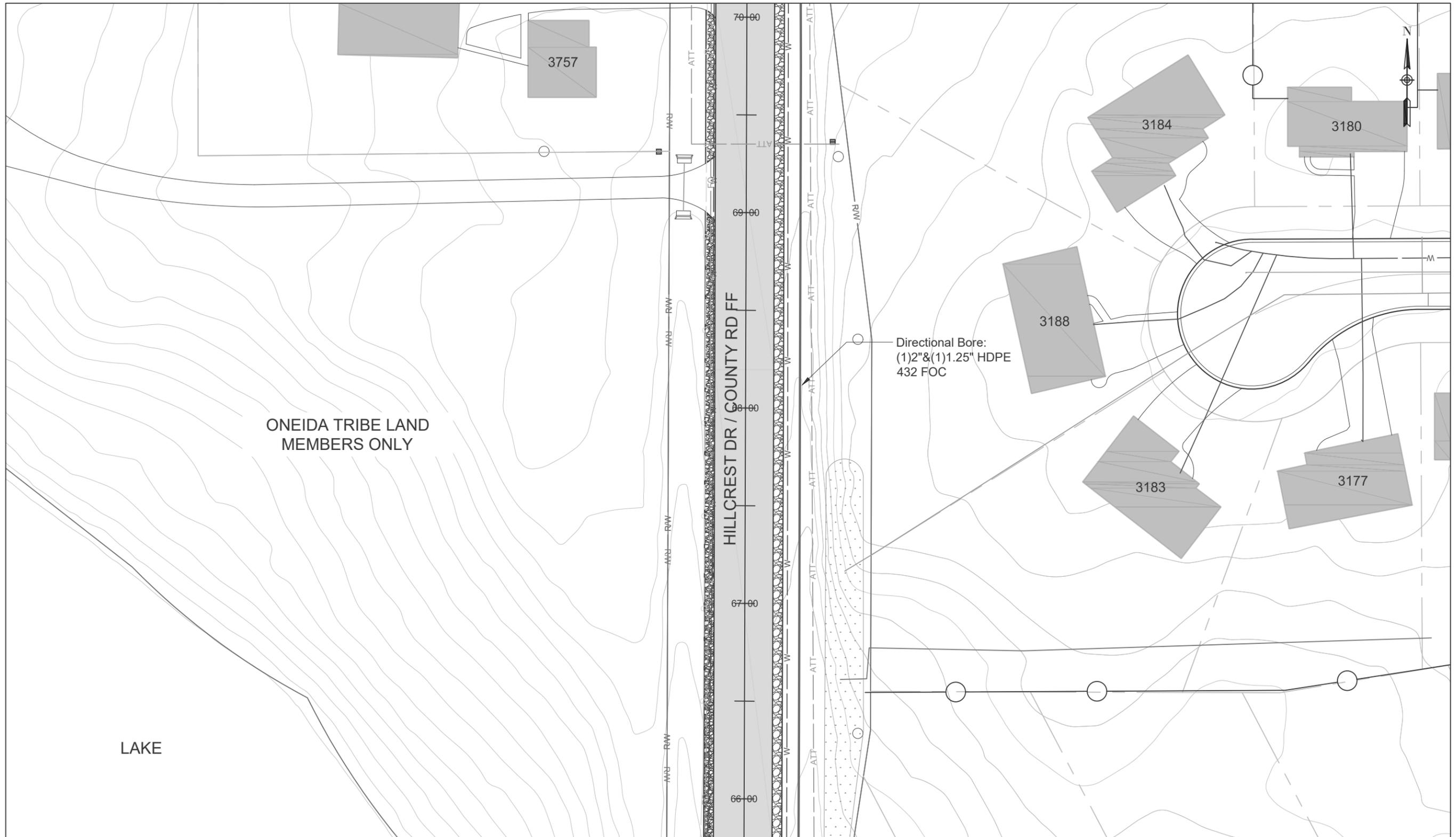
See Sheet 8



Construction Labor units this page:

Directional Bore: 446'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 446'	

See Sheet 9



ONEIDA TRIBE LAND MEMBERS ONLY

LAKE

HILLCREST DR / COUNTY RD FF

Directional Bore:
(1)2" & (1)1.25" HDPE
432 FOC

3757

3184

3180

3188

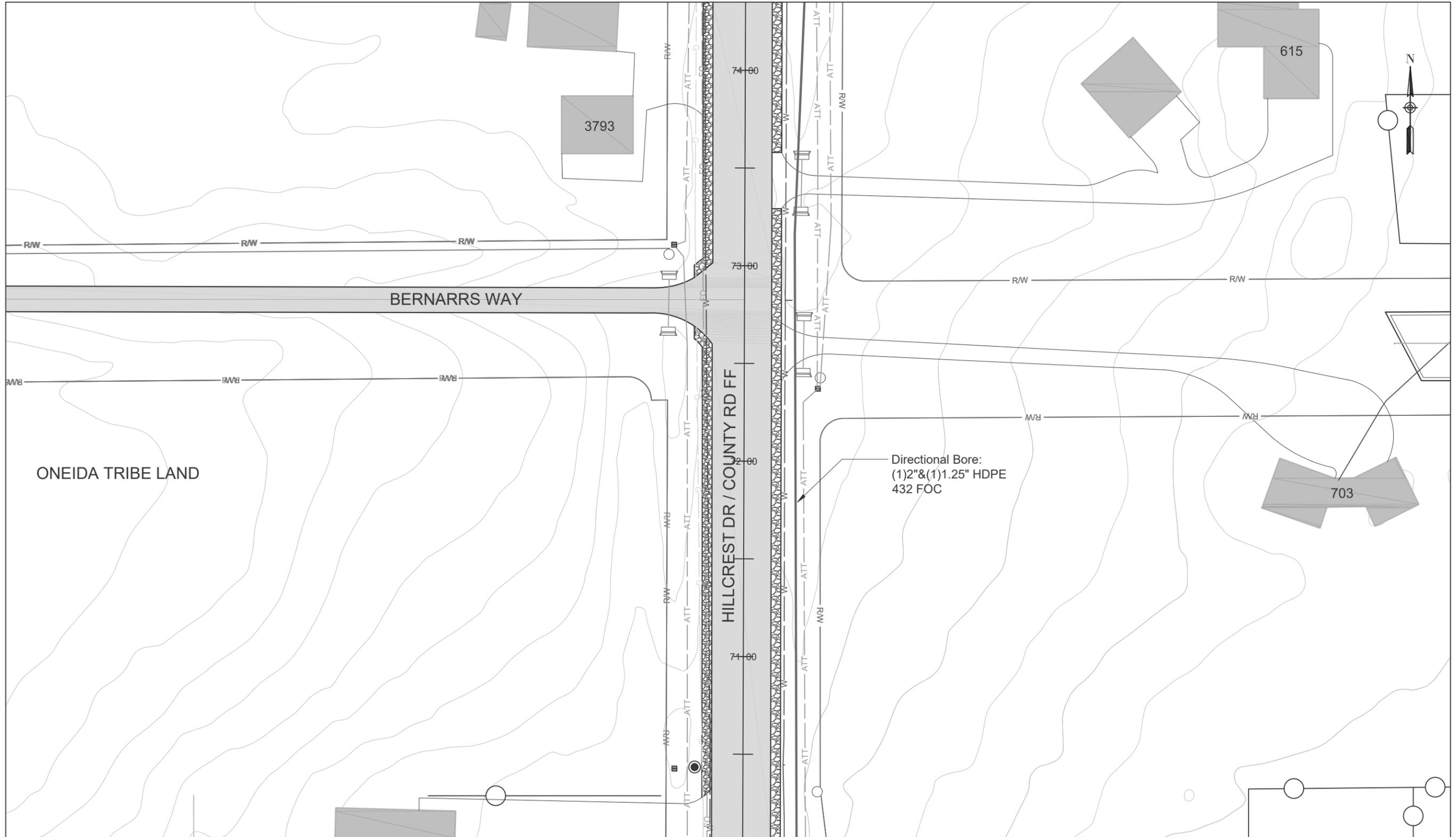
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3177

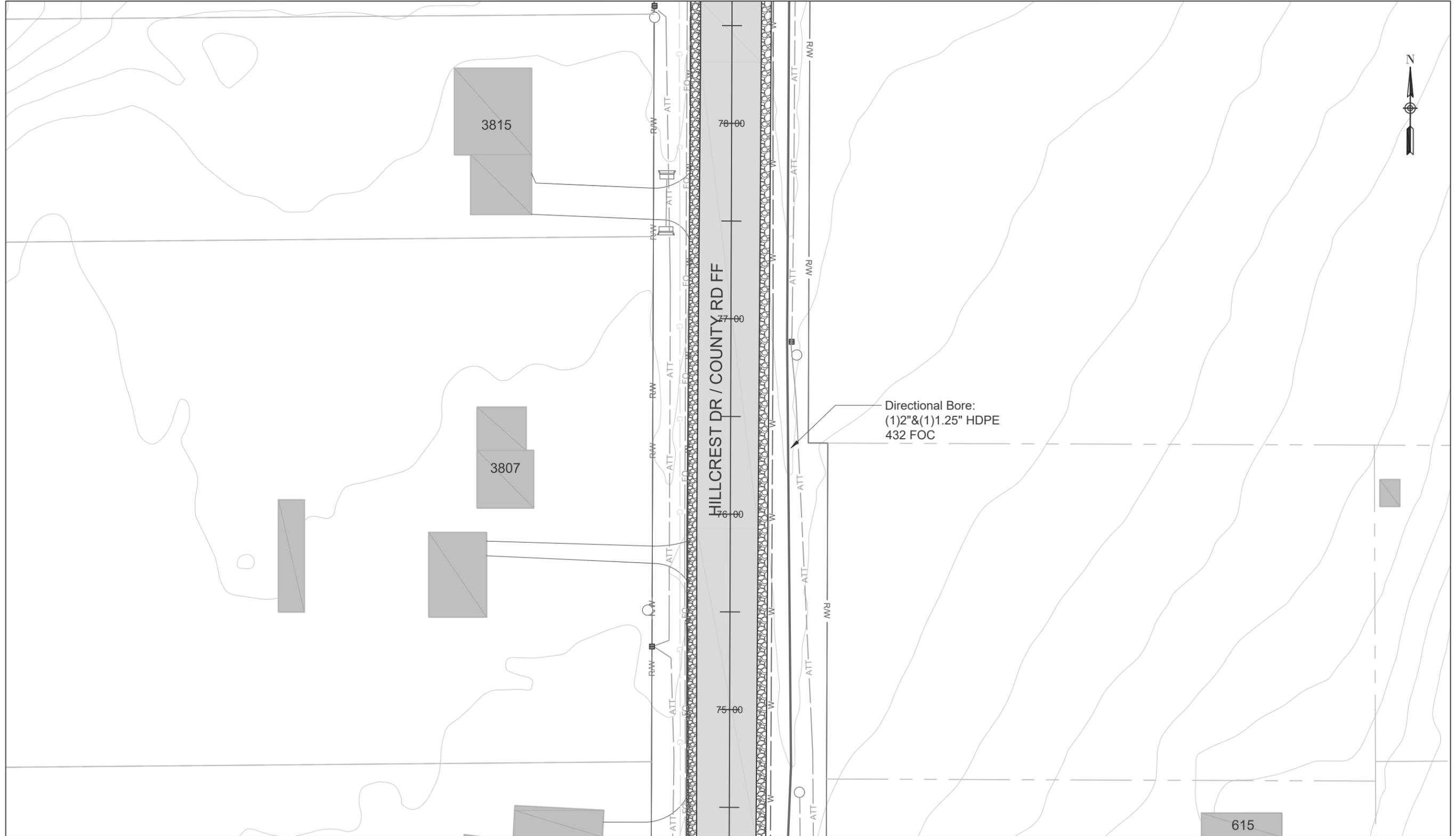
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Plow: 0'	Place cable in duct: 427'	

See Sheet 10



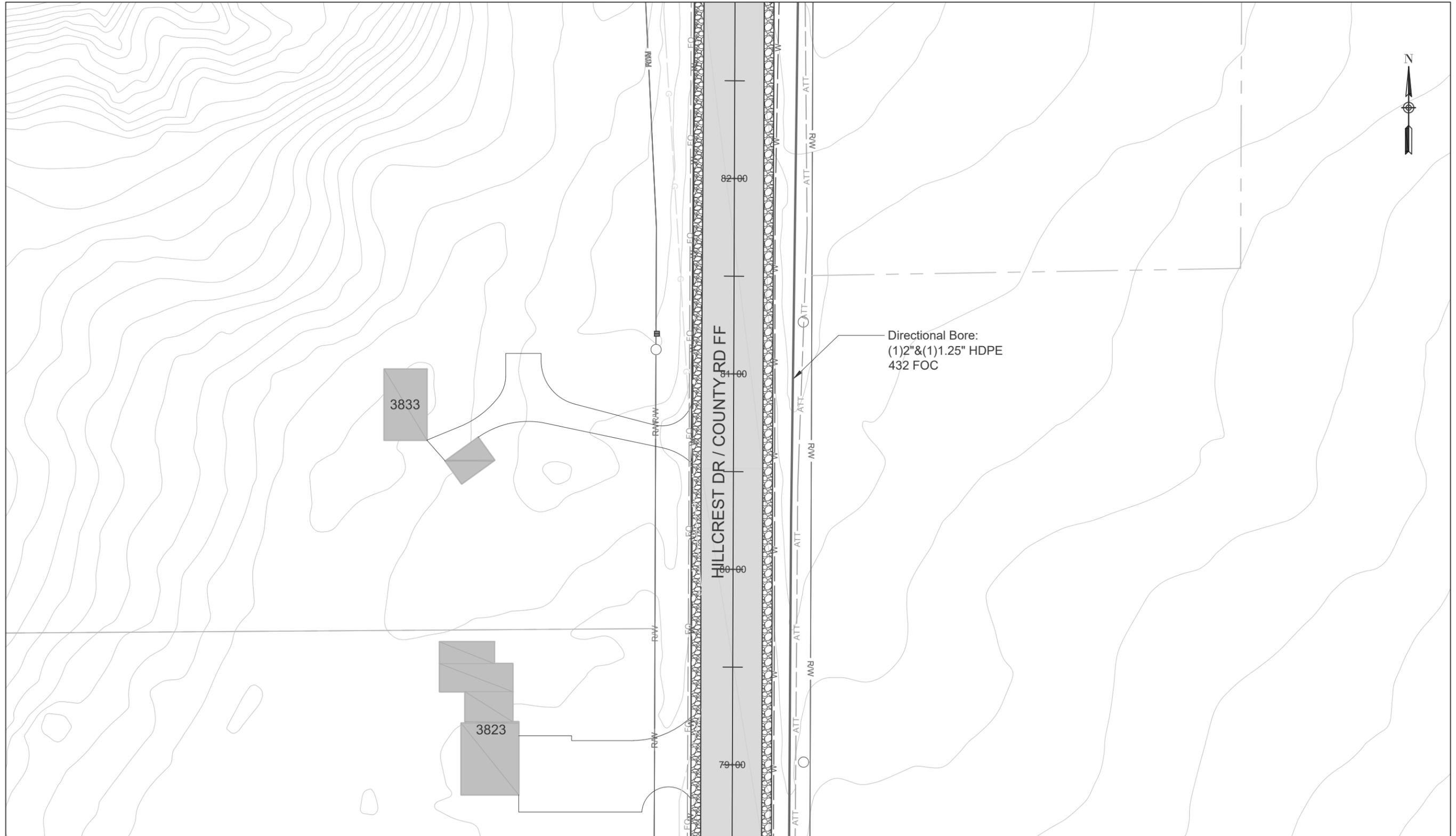
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Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	



Directional Bore:
 (1)2" & (1)1.25" HDPE
 432 FOC

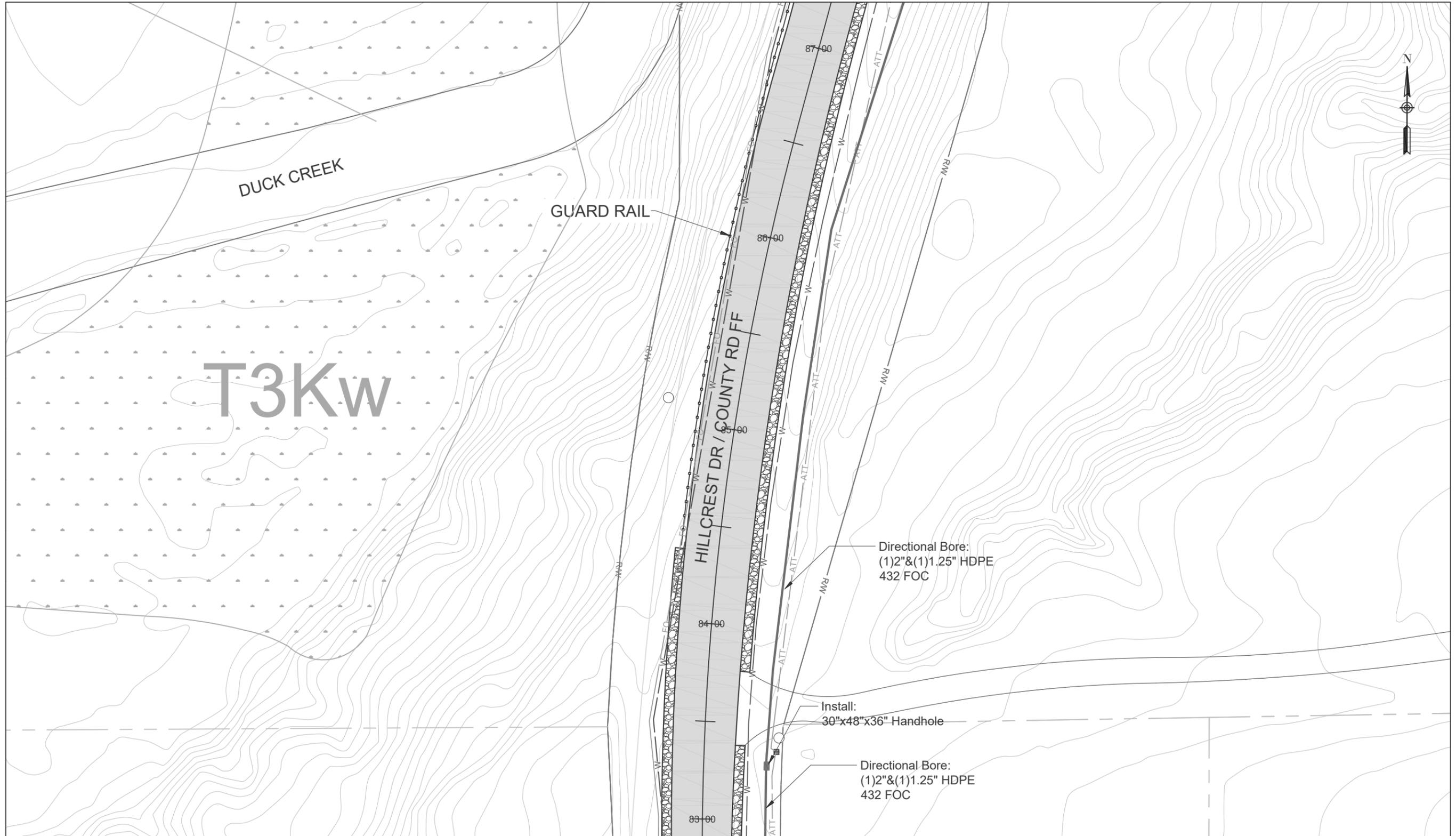
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Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0
Plow: 0'	Place cable in duct: 427'	

See Sheet 12



Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0
Plow: 0'	Place cable in duct: 427'	

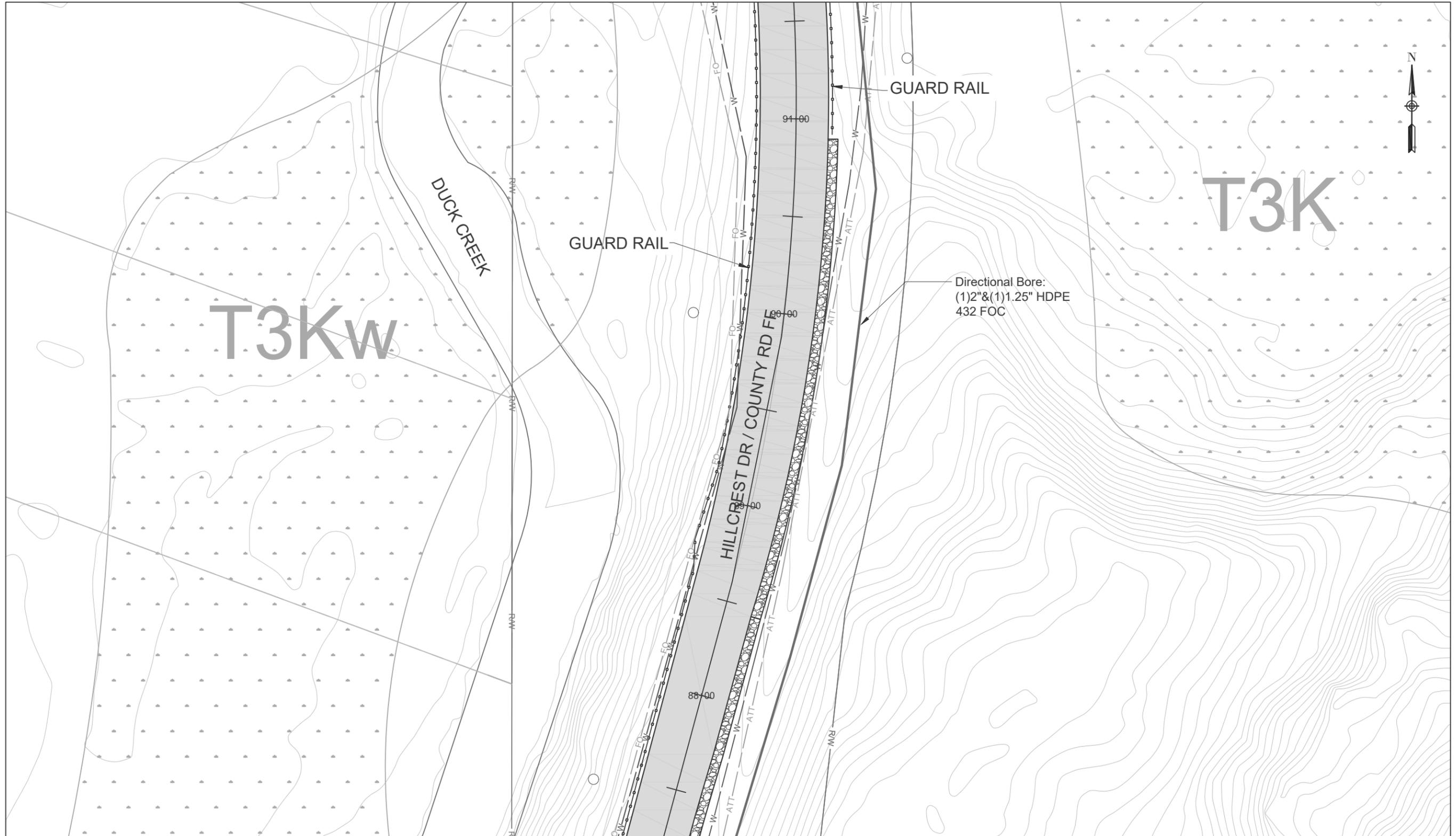
See Sheet 13



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Plow: 0'	Place cable in duct: 432'	

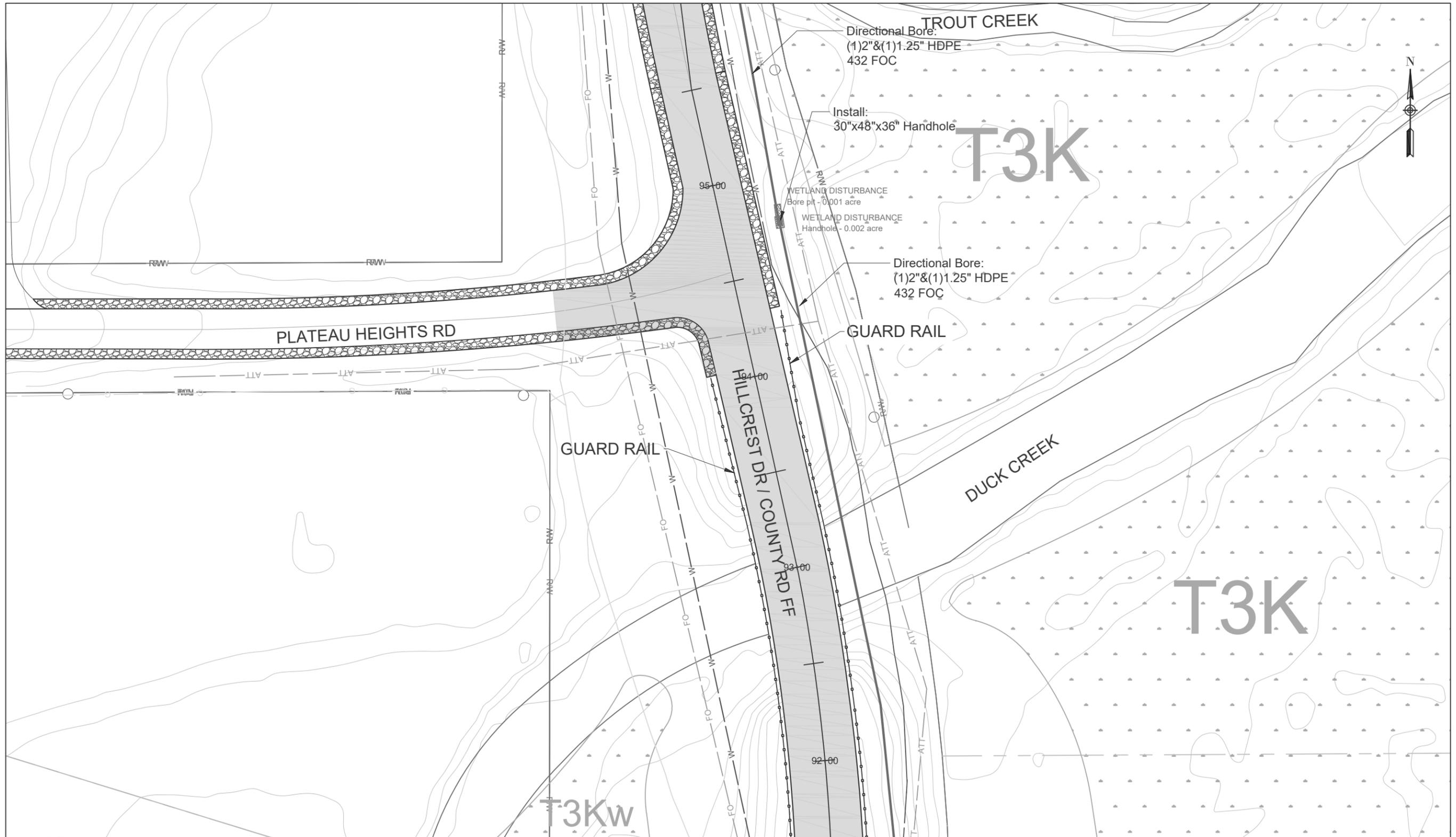
See Sheet 14



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Directional Bore: 433'	Handhole Installation: 0	Store cable expansion in handhole: 0
Plow: 0'	Place cable in duct: 433'	

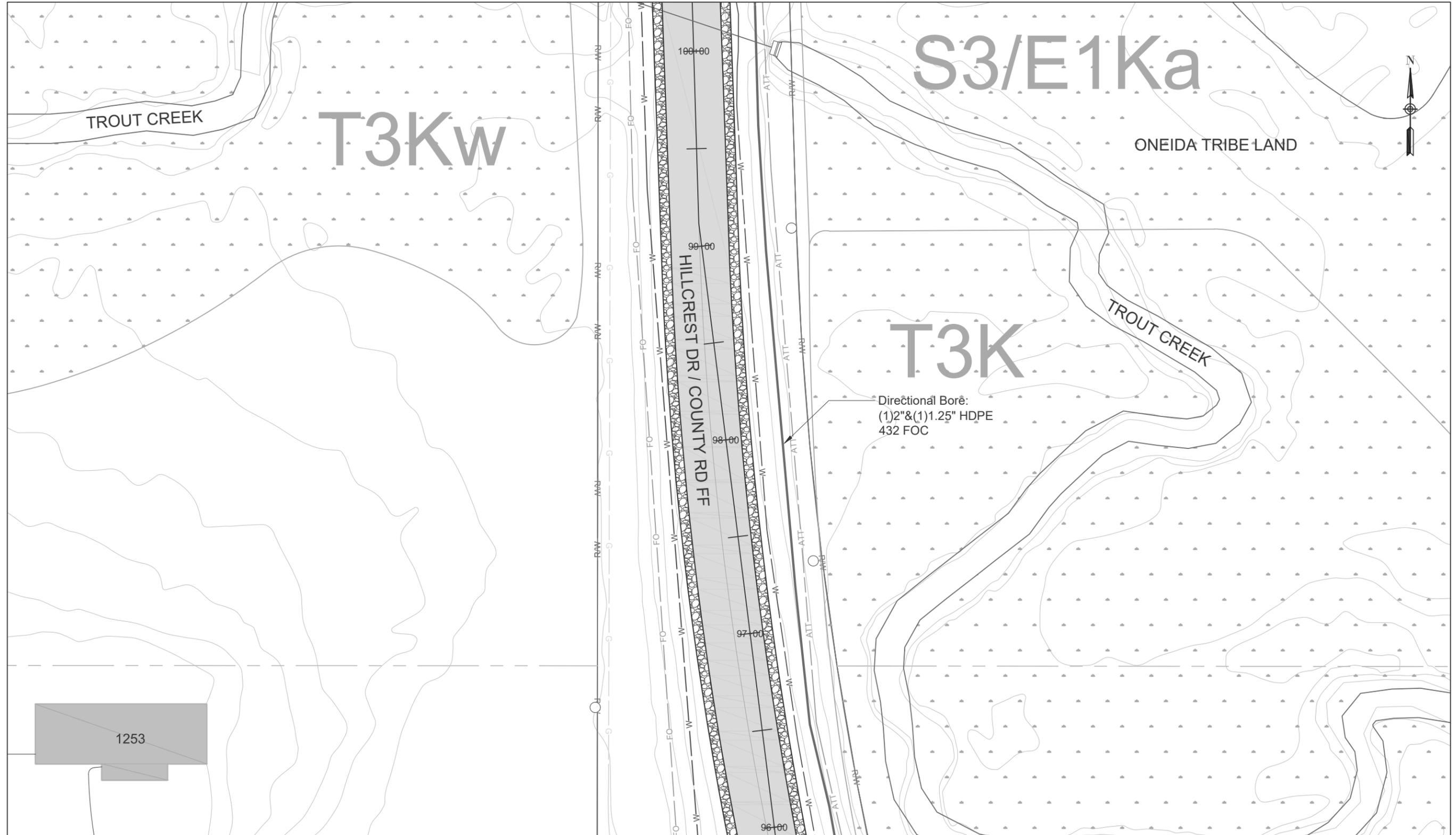
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See Sheet 18



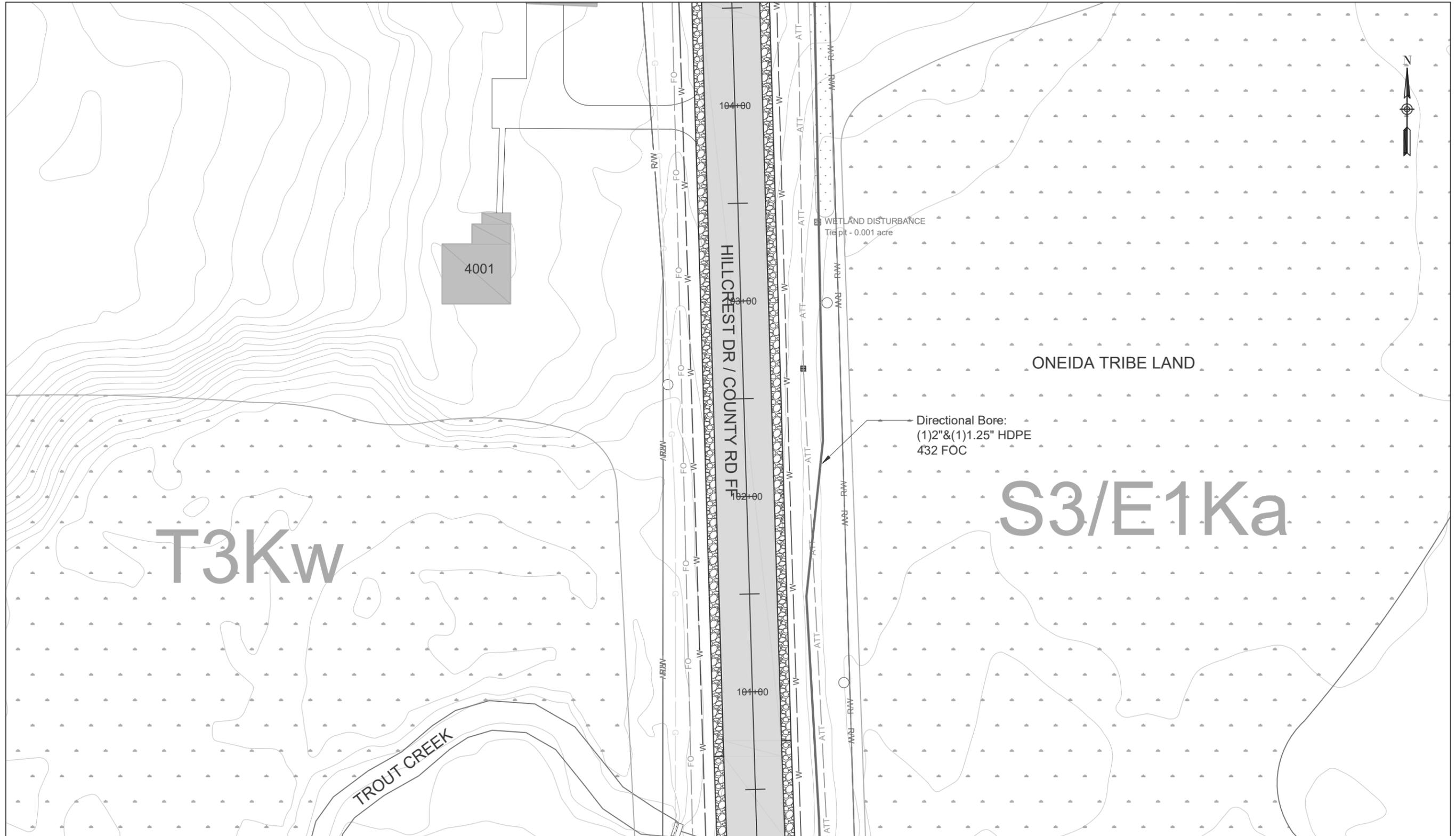
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Plow: 0'	Place cable in duct: 435'	

See Sheet 16



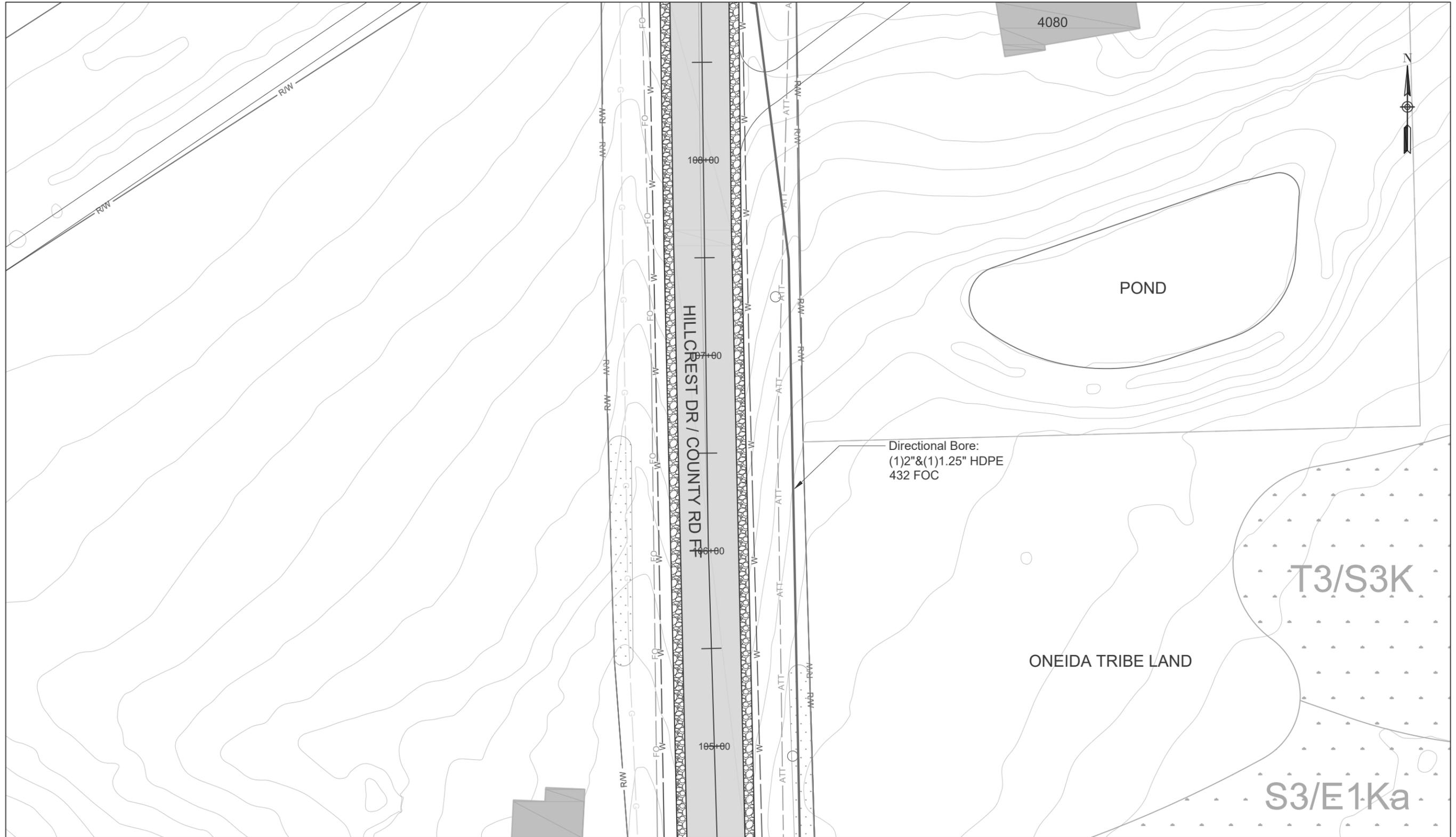
See Sheet 17

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Plow: 0'	Place cable in duct: 430'	



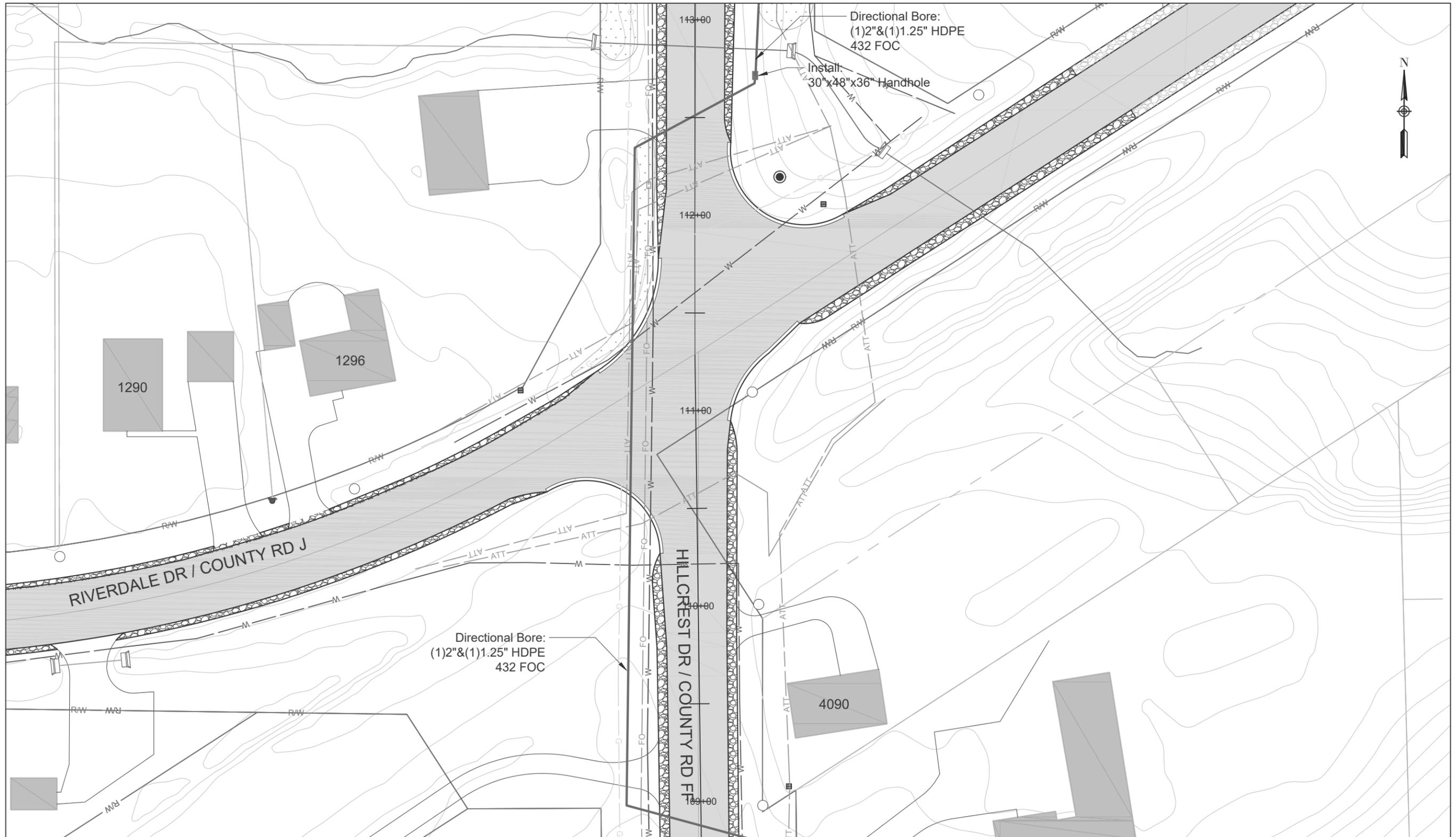
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Directional Bore: 430'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 430'	



Construction Labor units this page:		
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Plow: 0'	Place cable in duct: 430'	

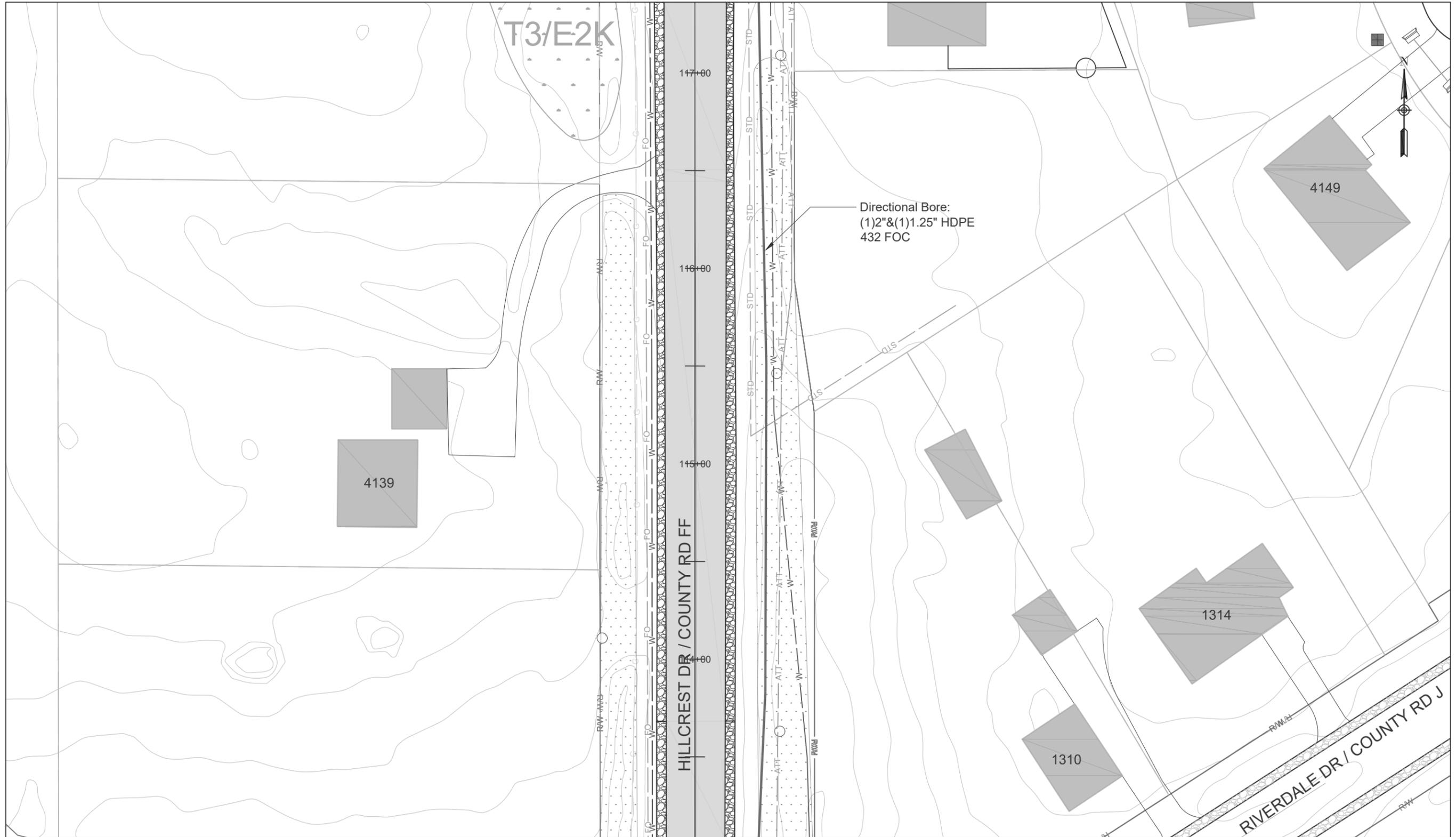
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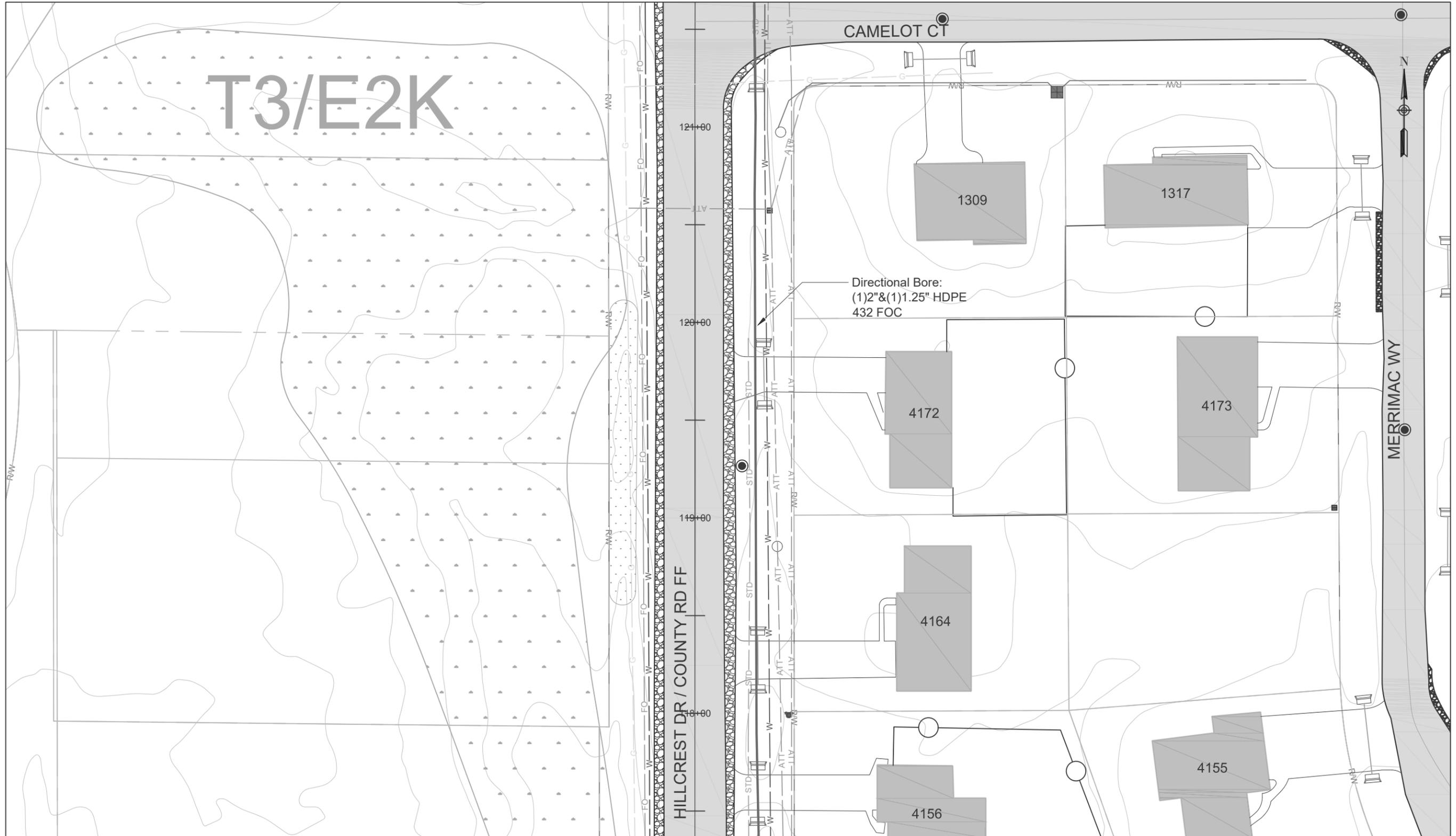
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Plow: 0'	Place cable in duct: 512'	

See Sheet 20



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Plow: 0'	Place cable in duct: 428'	

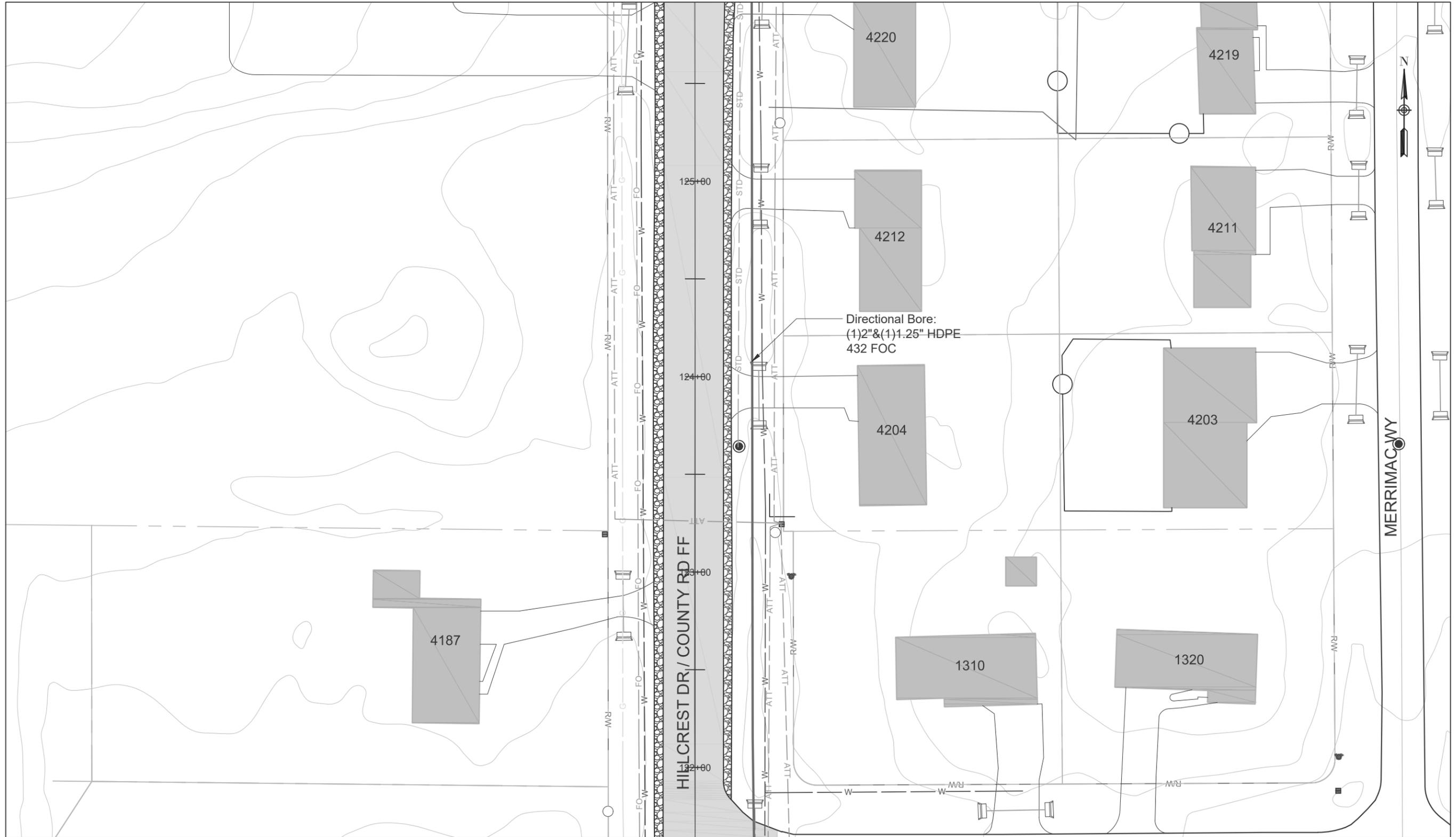
See Sheet 21



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Plow: 0'	Place cable in duct: 430'	

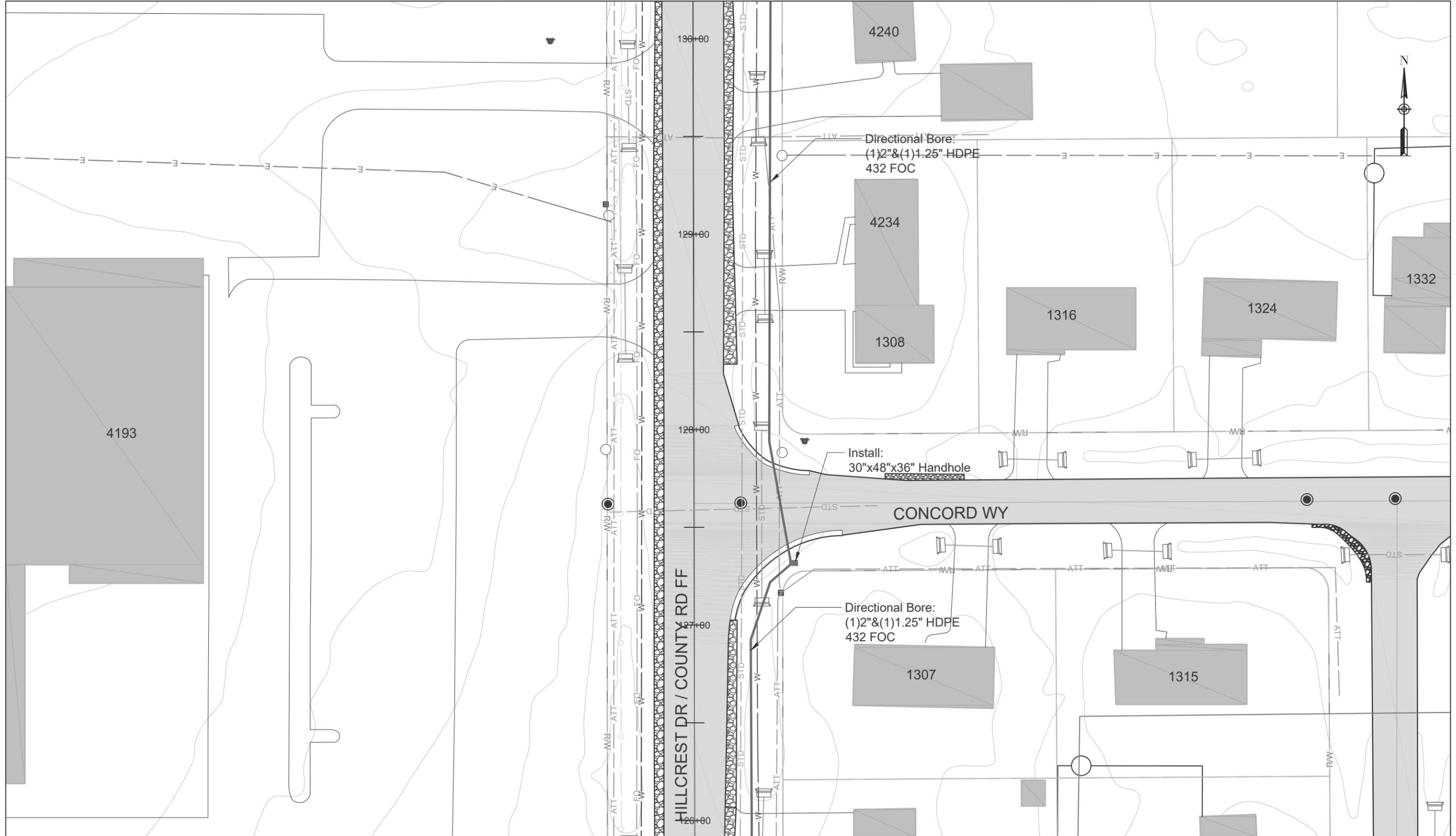
See Sheet 22

See Sheet 25



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 Plow: 0' Place cable in duct: 427'

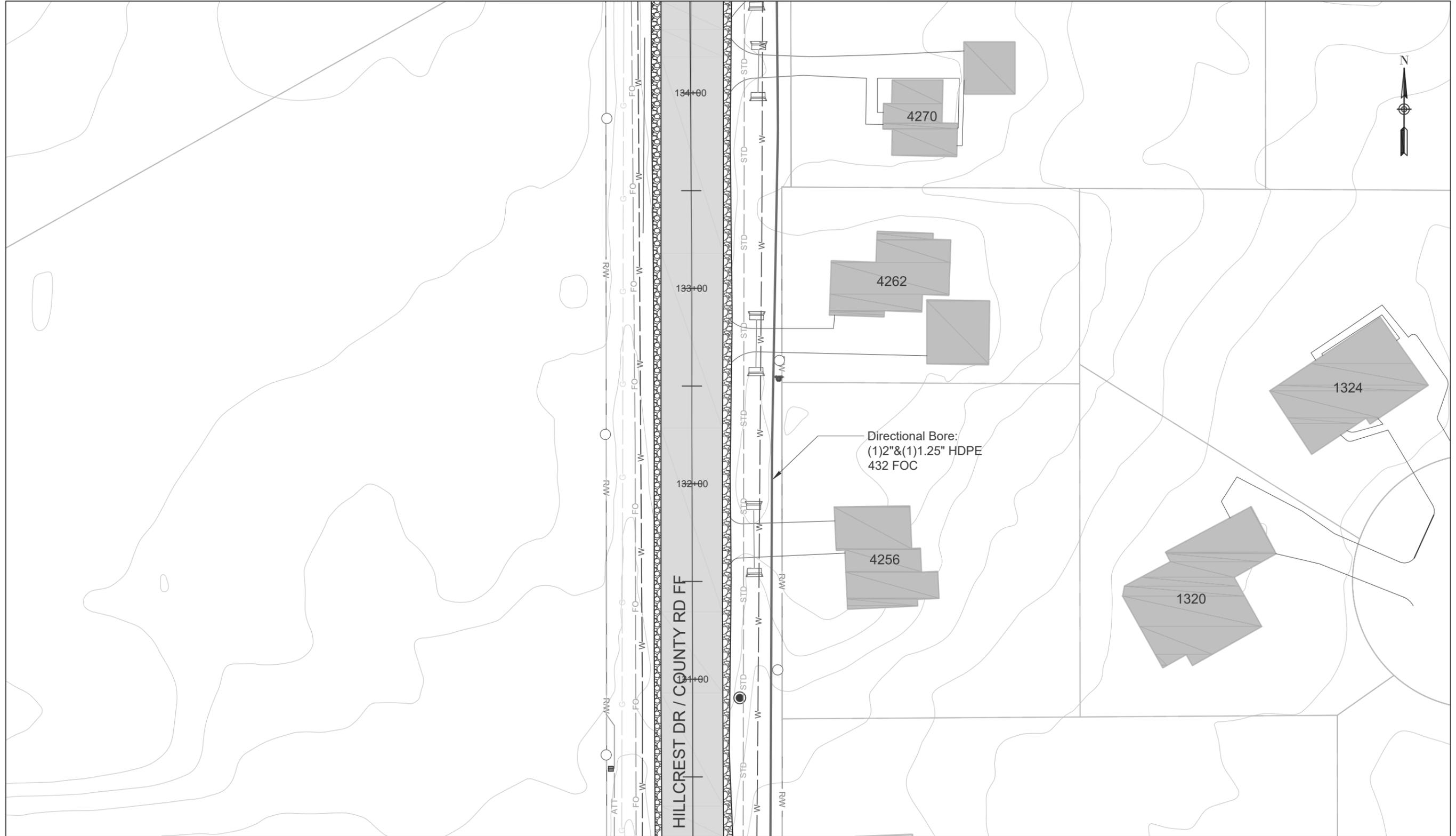
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Plow: 0'	Place cable in duct: 433'	

See Sheet 24

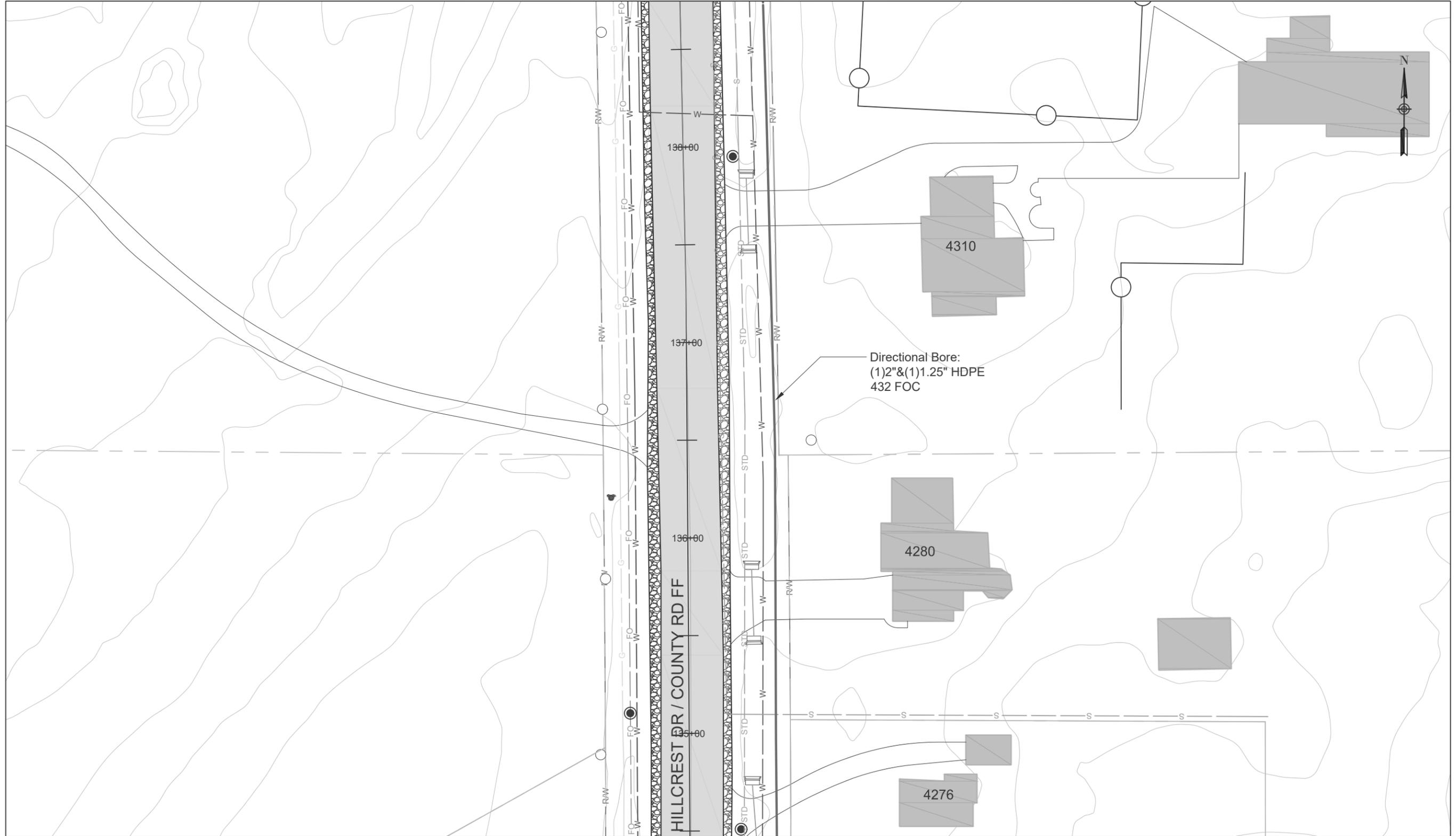
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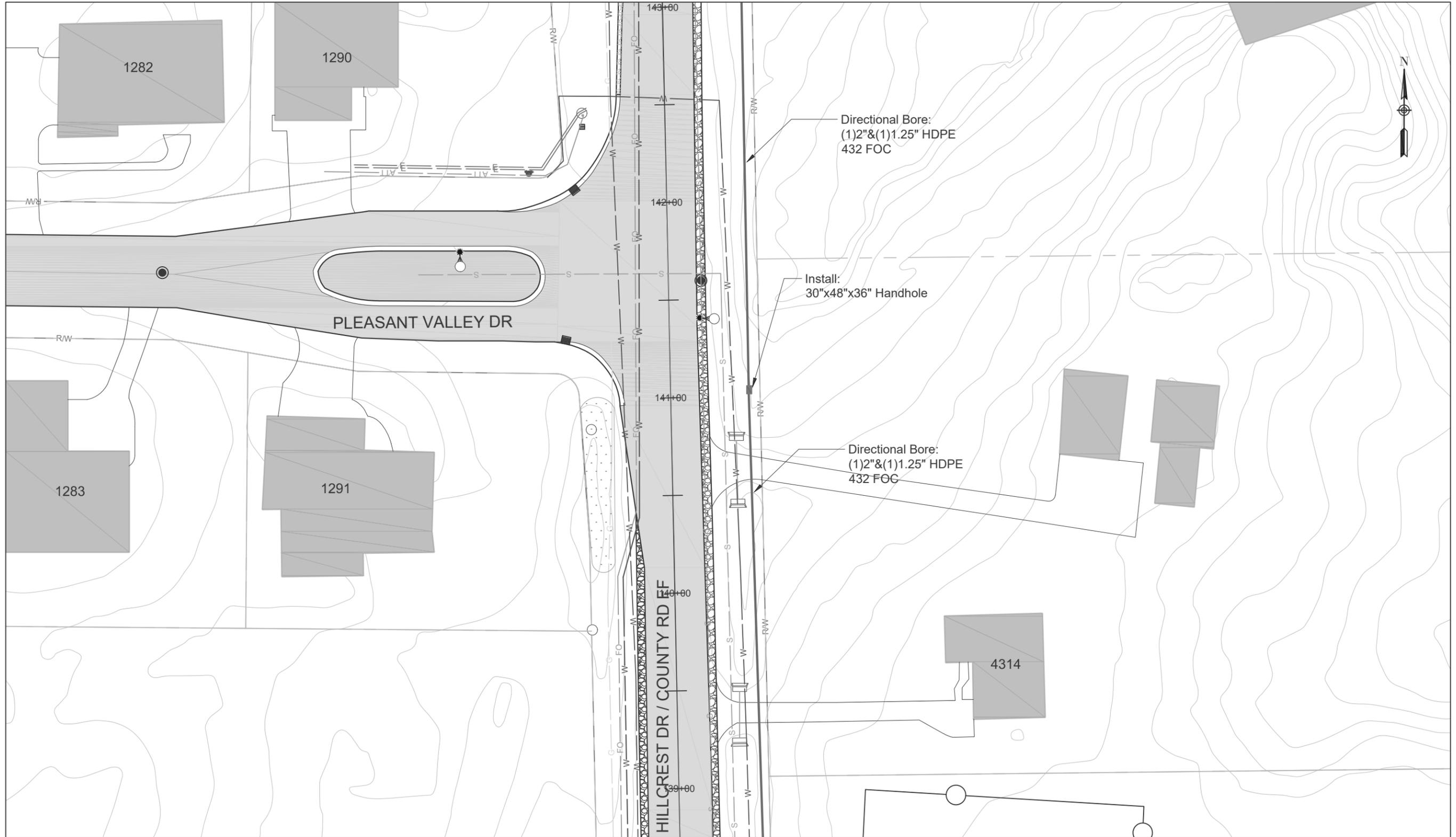
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Plow: 0'	Place cable in duct: 427'	

See Sheet 25



Construction Labor units this page:
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 Plow: 0' Place cable in duct: 427'

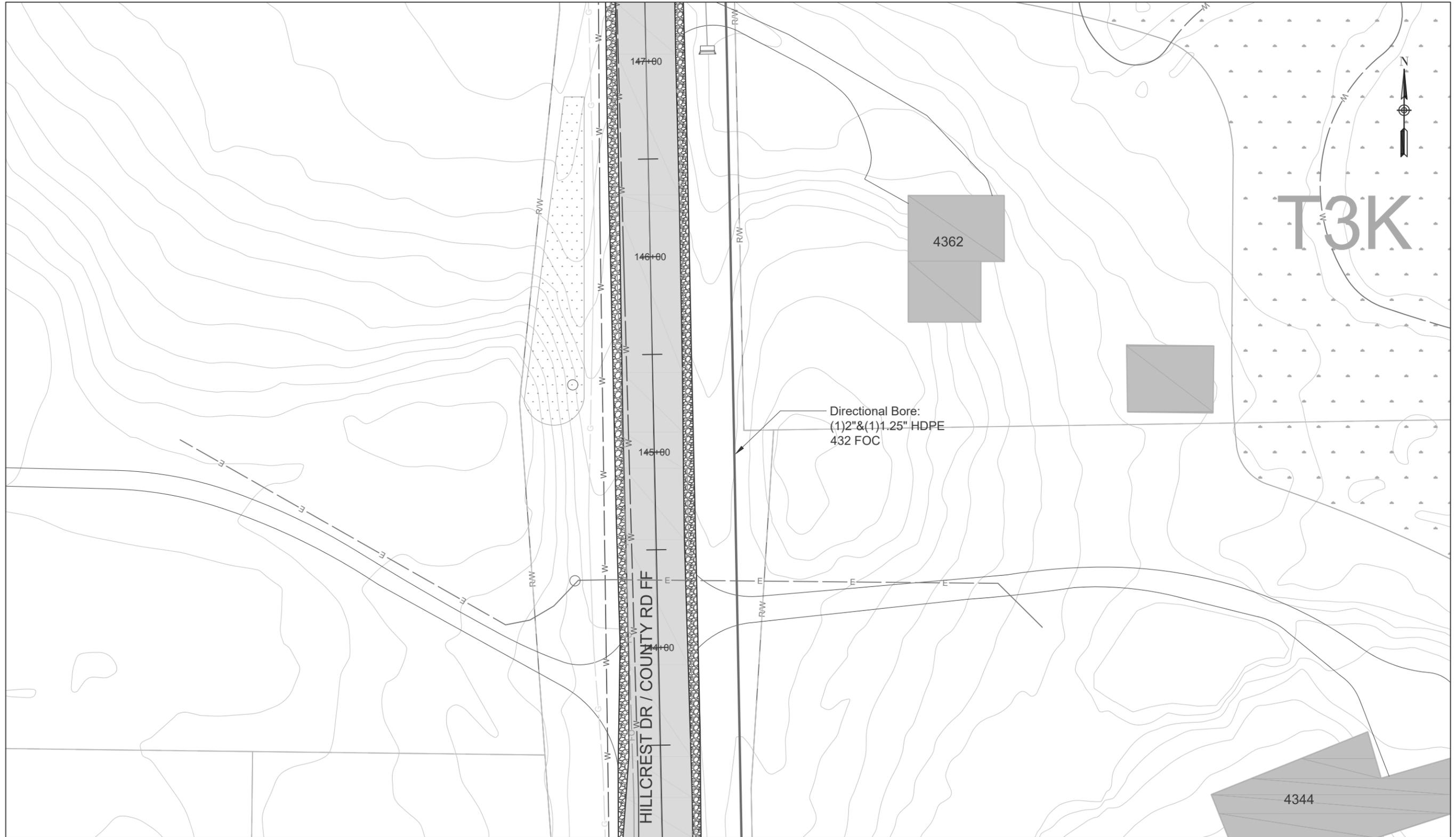
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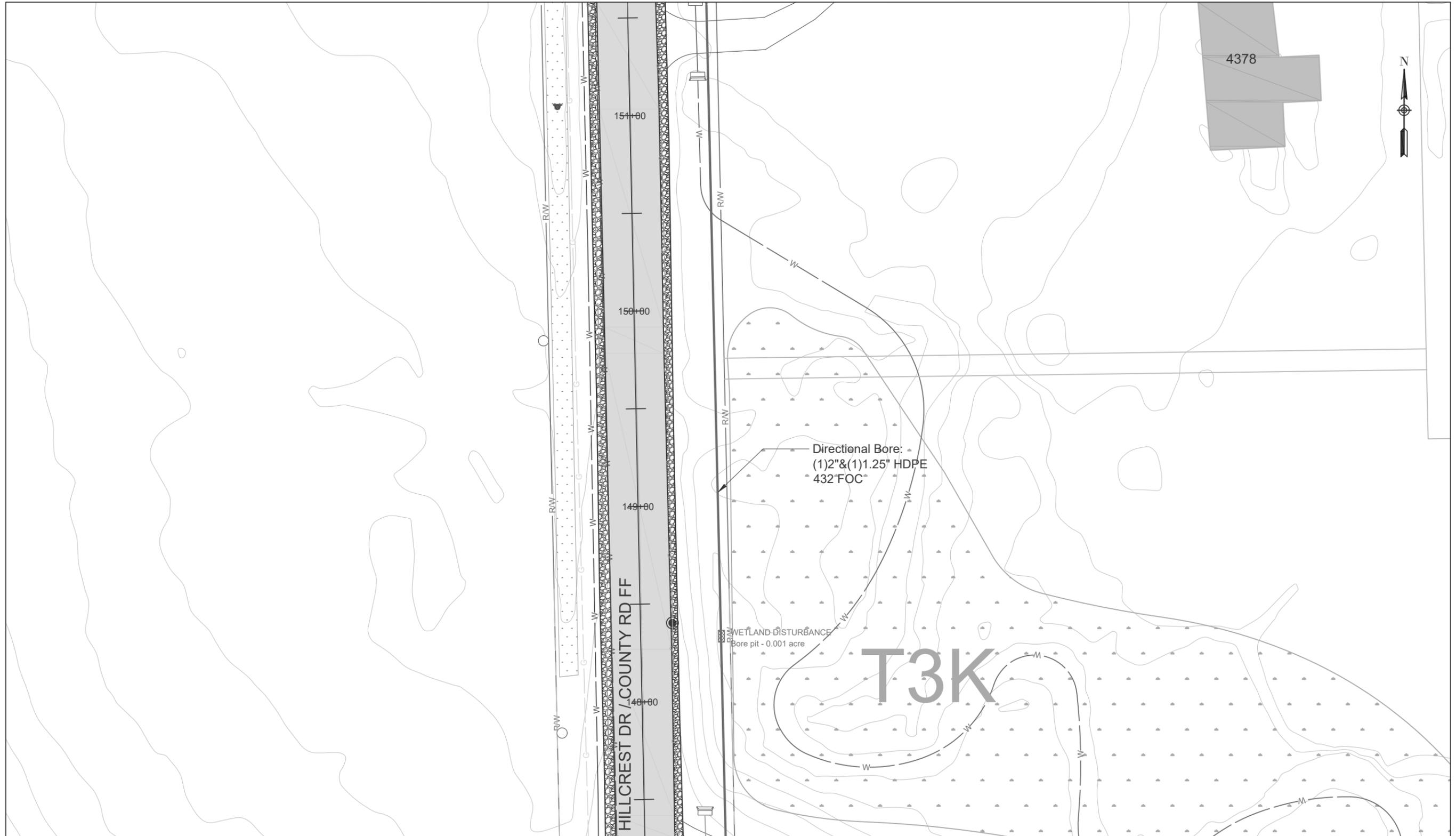
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Plow: 0'	Place cable in duct: 425'	

See Sheet 27



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Plow: 0'	Place cable in duct: 427'	

See Sheet 28

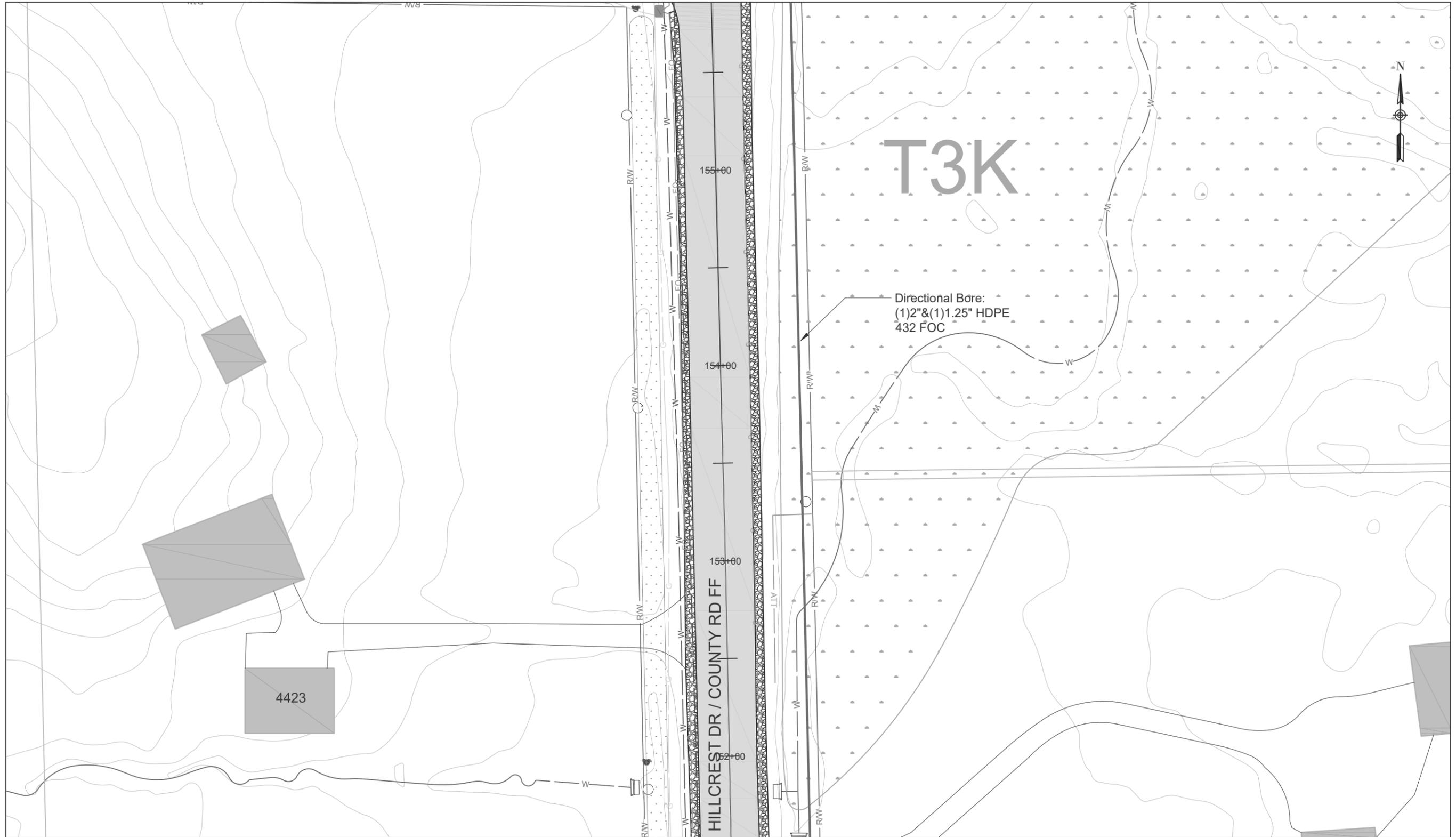


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Plow: 0'	Place cable in duct: 427'	

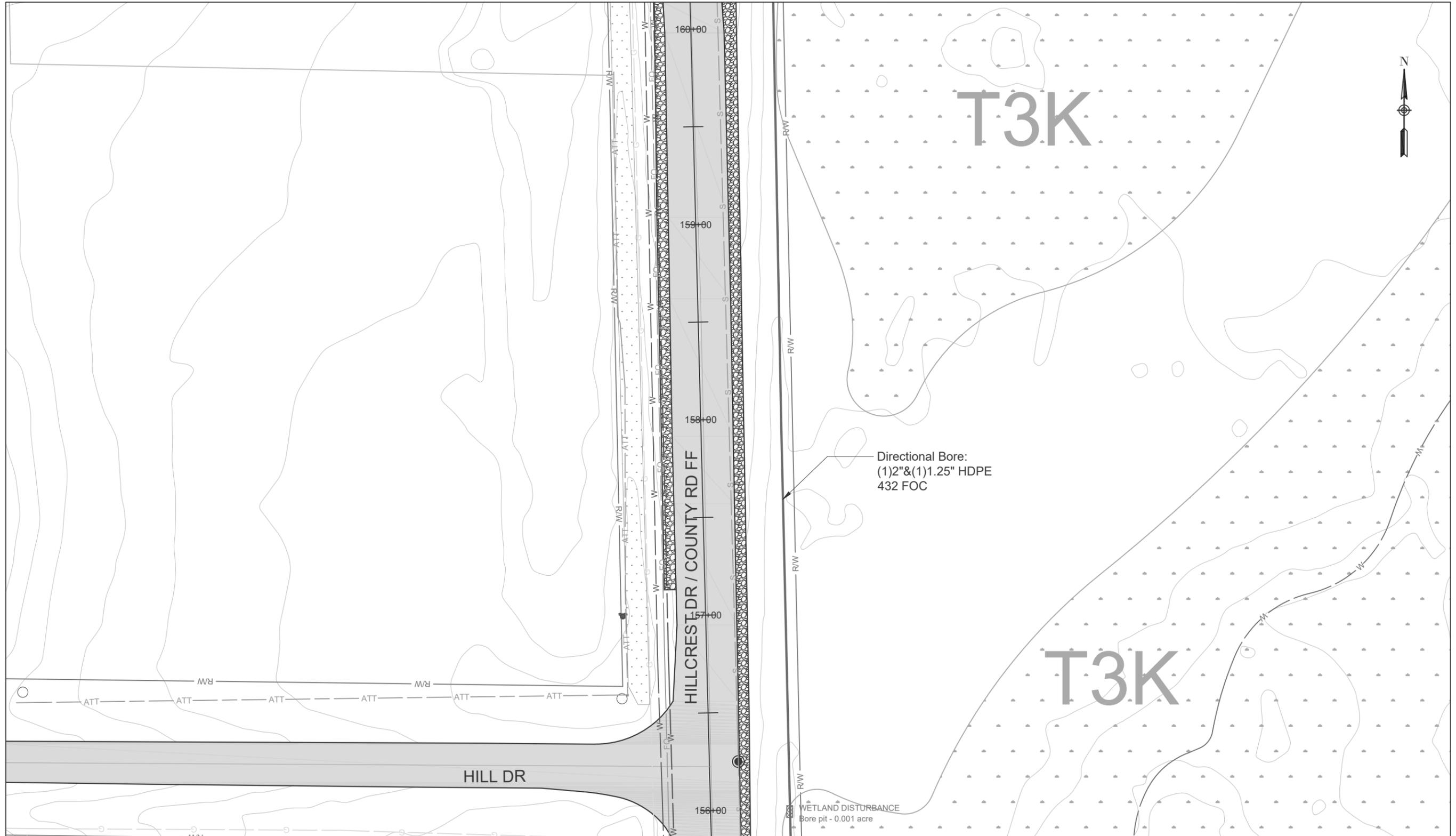
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See Sheet 32



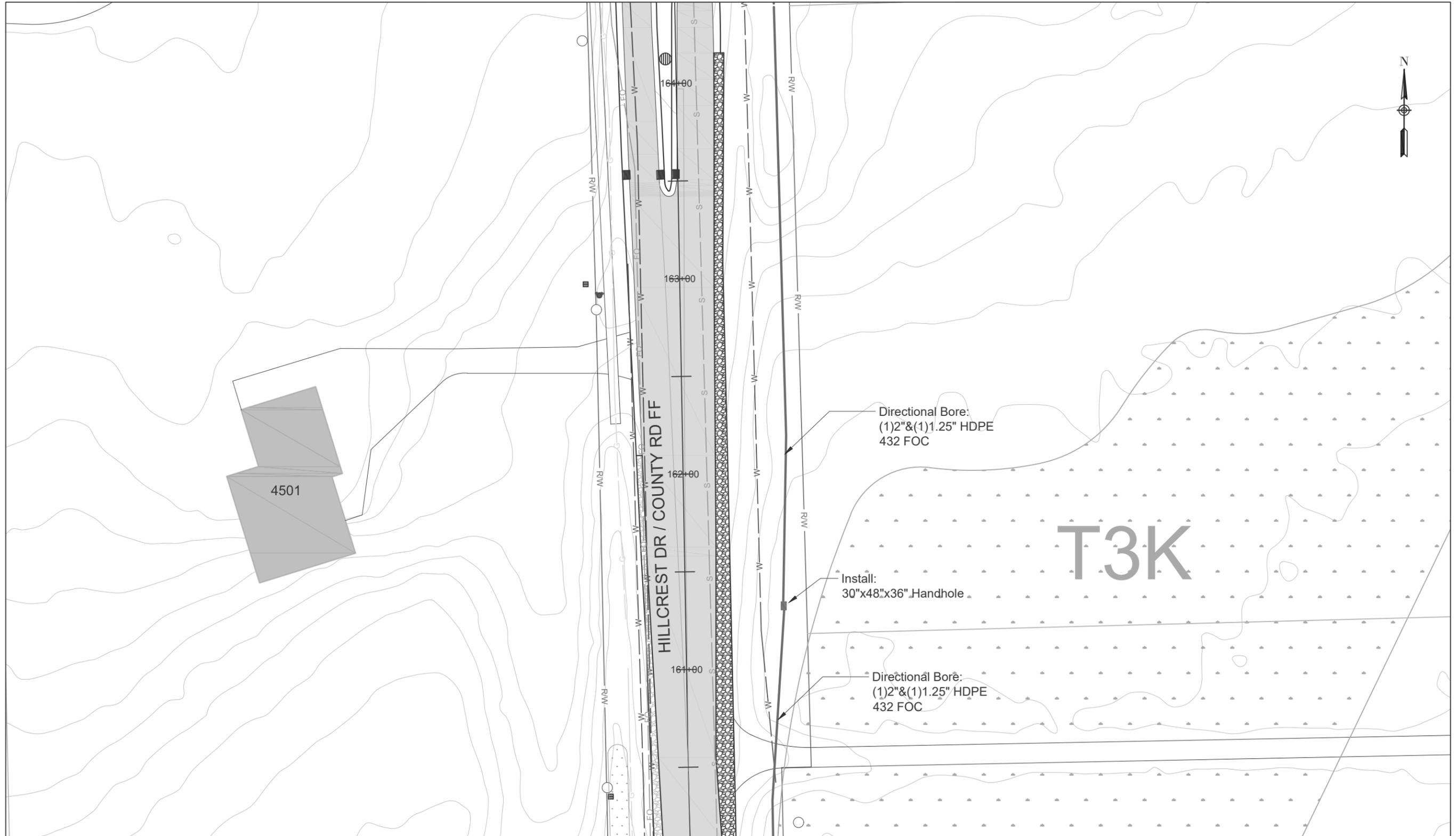
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Plow: 0'	Place cable in duct: 427'	

See Sheet 30



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Plow: 0'	Place cable in duct: 427'	

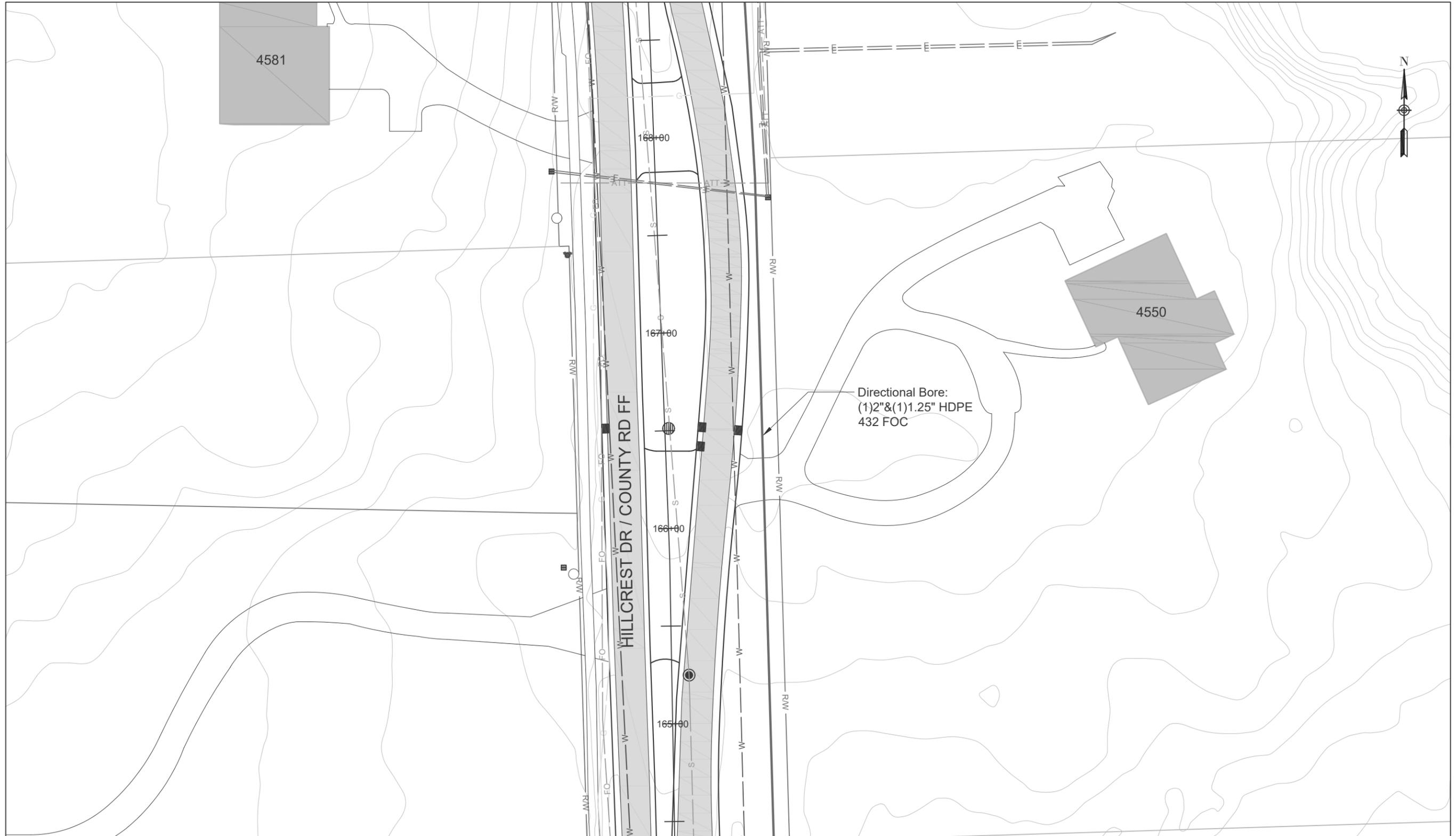
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Plow: 0'	Place cable in duct: 425'	

See Sheet 32

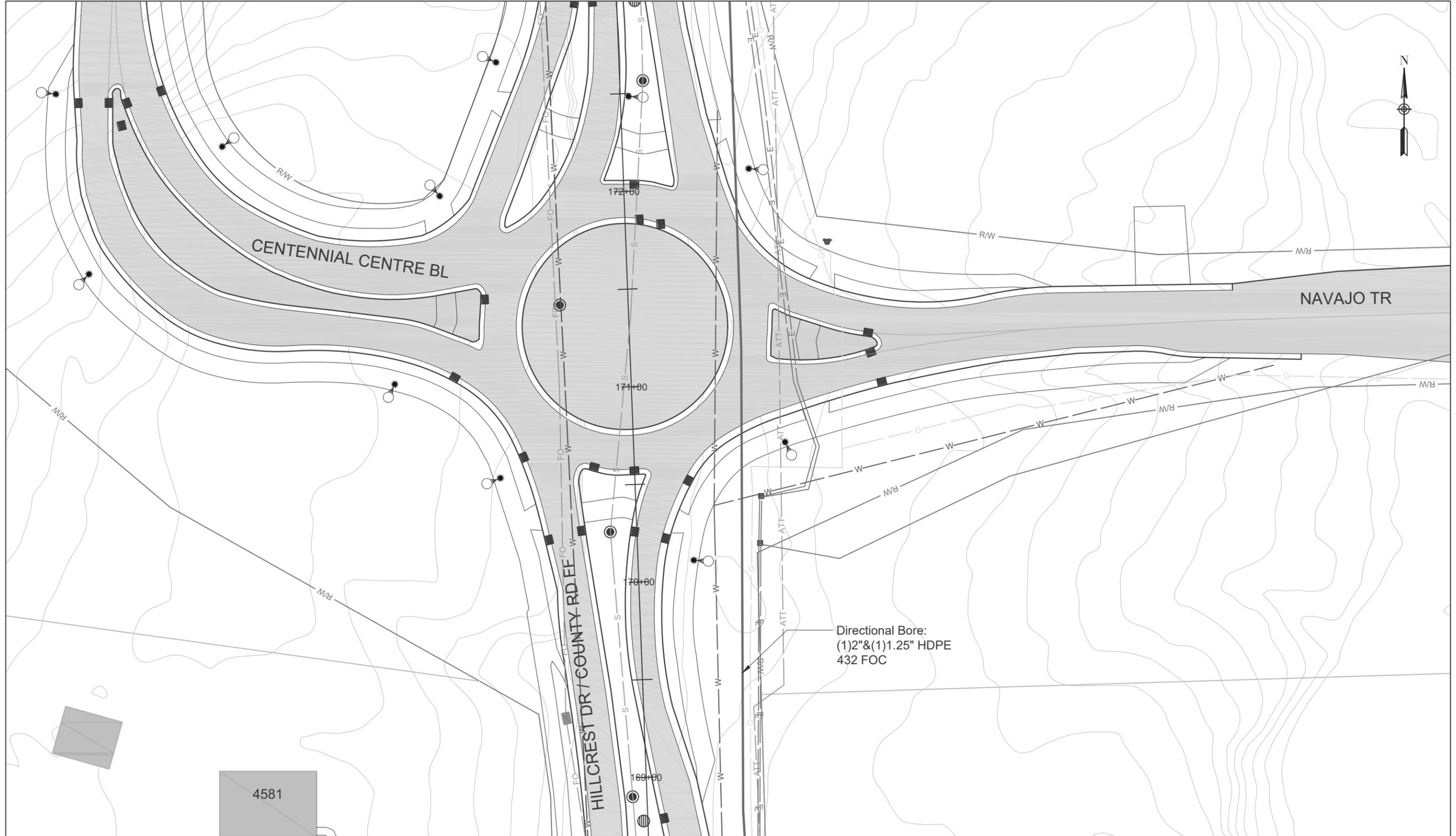
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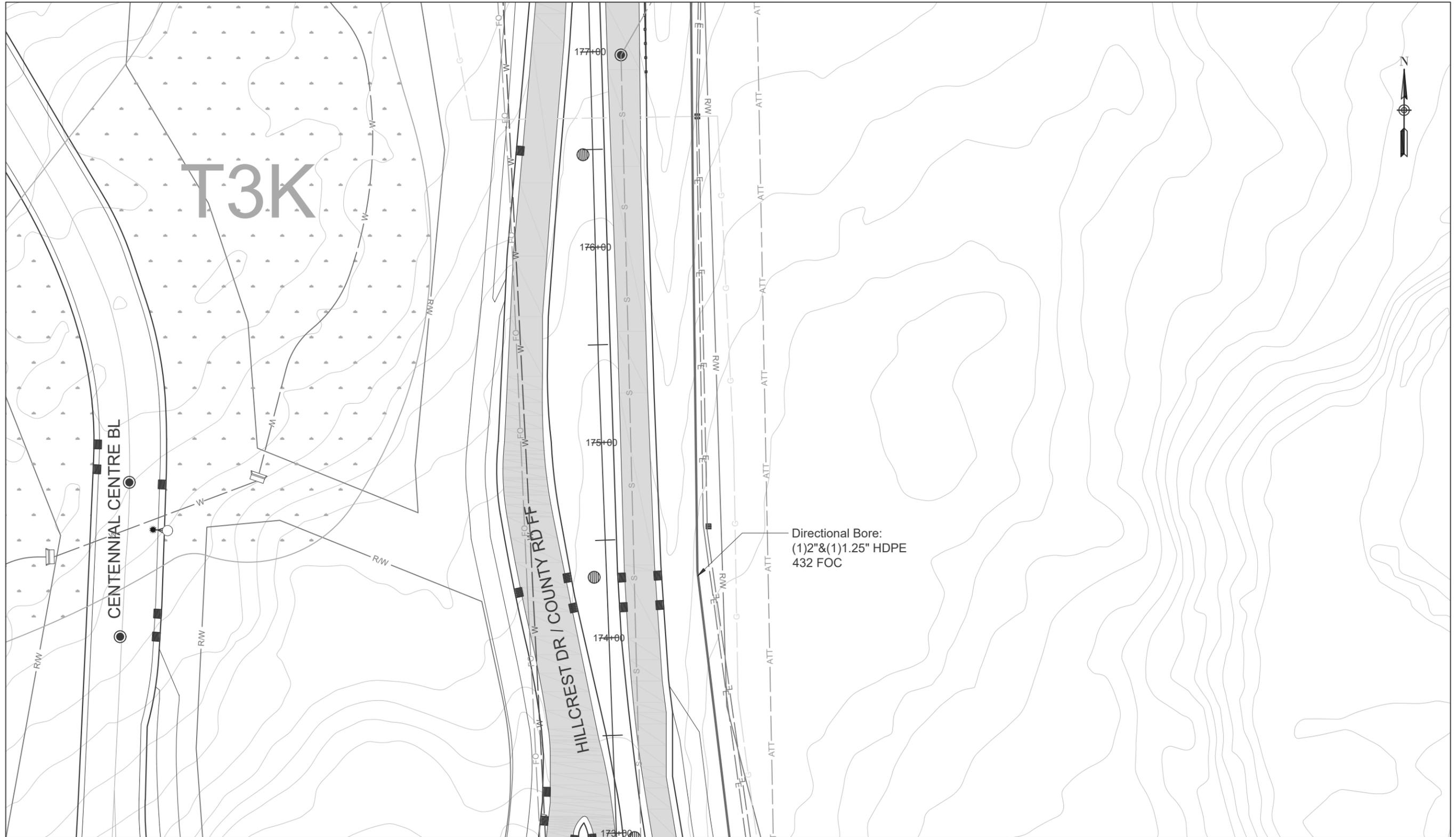
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Plow: 0'	Place cable in duct: 427'	

See Sheet 33



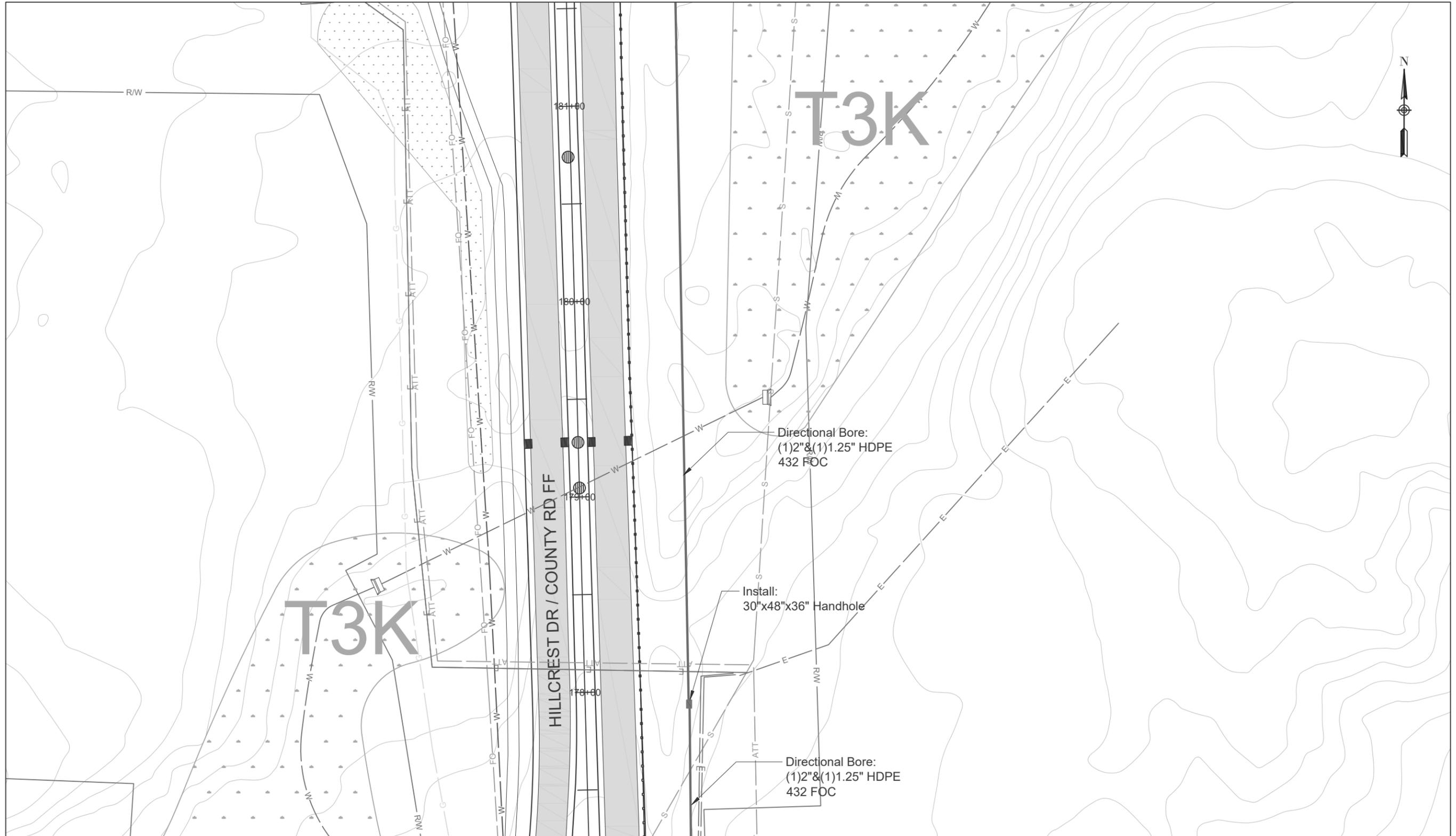
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Plow: 0'	Place cable in duct: 427'	

See Sheet 34



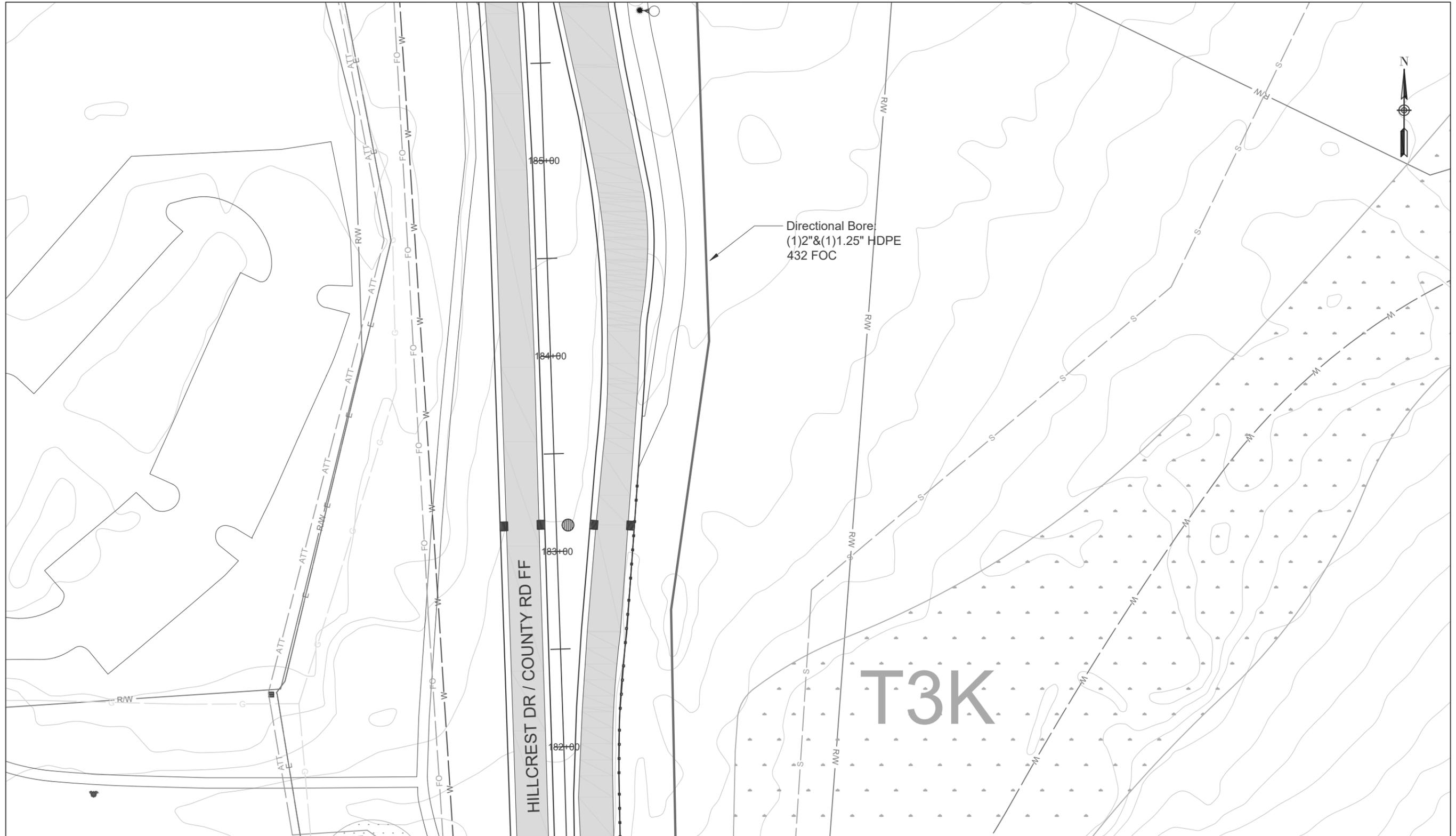
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Plow: 0'	Place cable in duct: 428'		

See Sheet 35



Construction Labor units this page:		
Directional Bore: 425'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 425'	

See Sheet 36



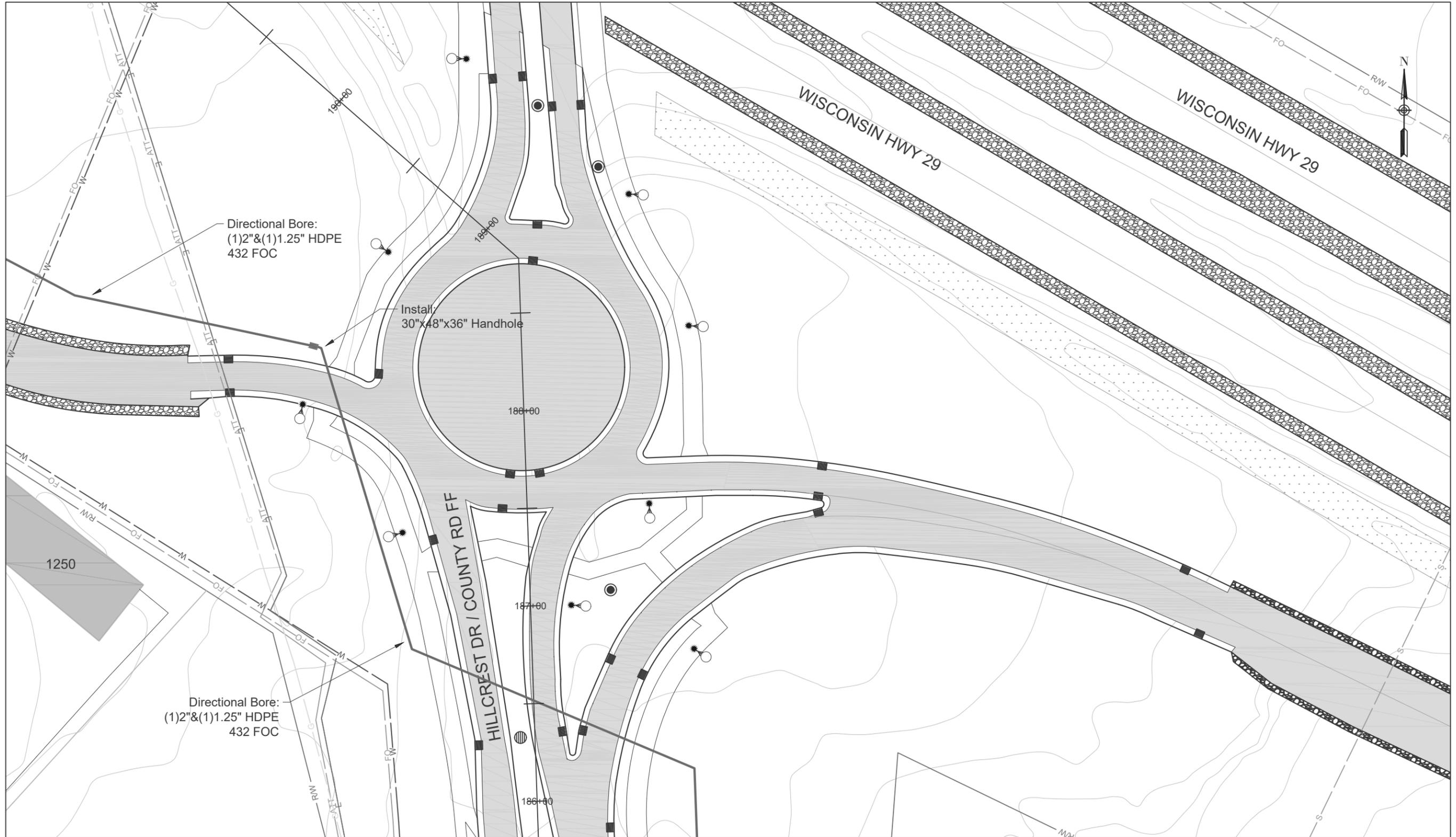
Directional Bore:
 (1)2" & (1)1.25" HDPE
 432 FOC

T3K



Construction Labor units this page:		
Directional Bore: 429'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 429'	

See Sheet 37



See Sheet 40

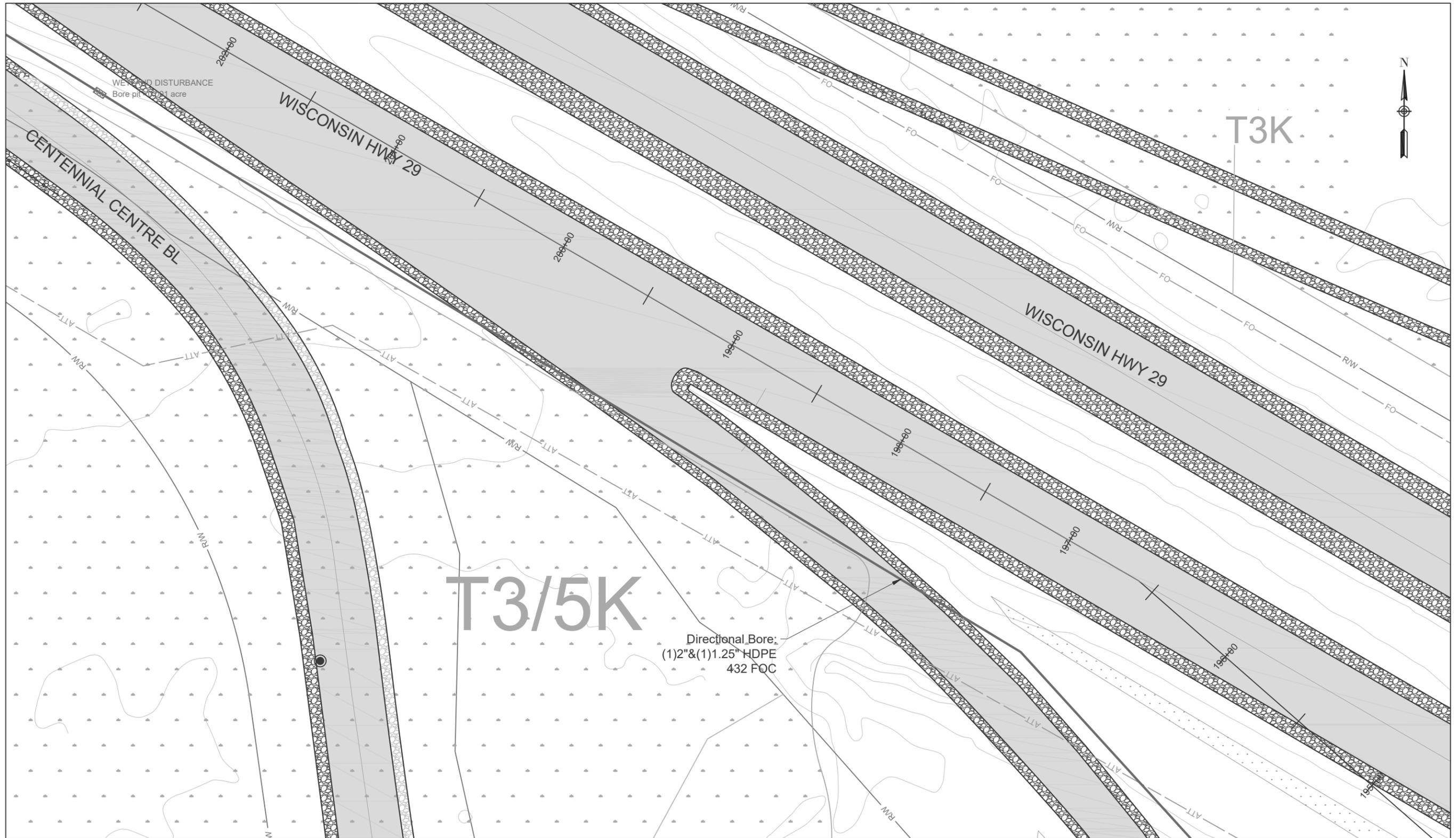
See Sheet 38

Construction Labor units this page:		
Directional Bore: 519'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 519'	



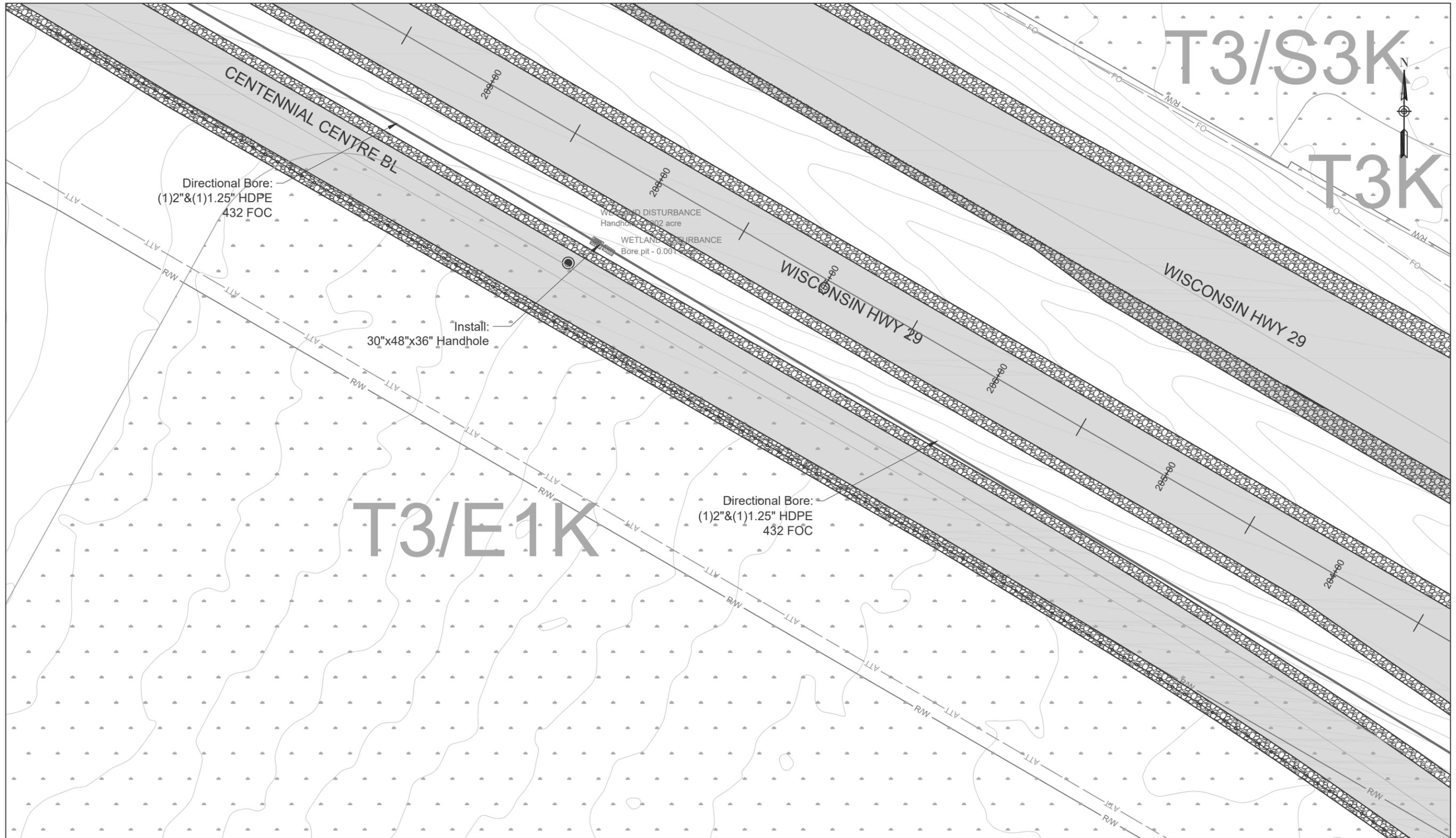
See Sheet 39

Construction Labor units this page:		
Directional Bore: 493'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 493'	



Construction Labor units this page:		
Directional Bore: 738'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 738'	

See Sheet 40

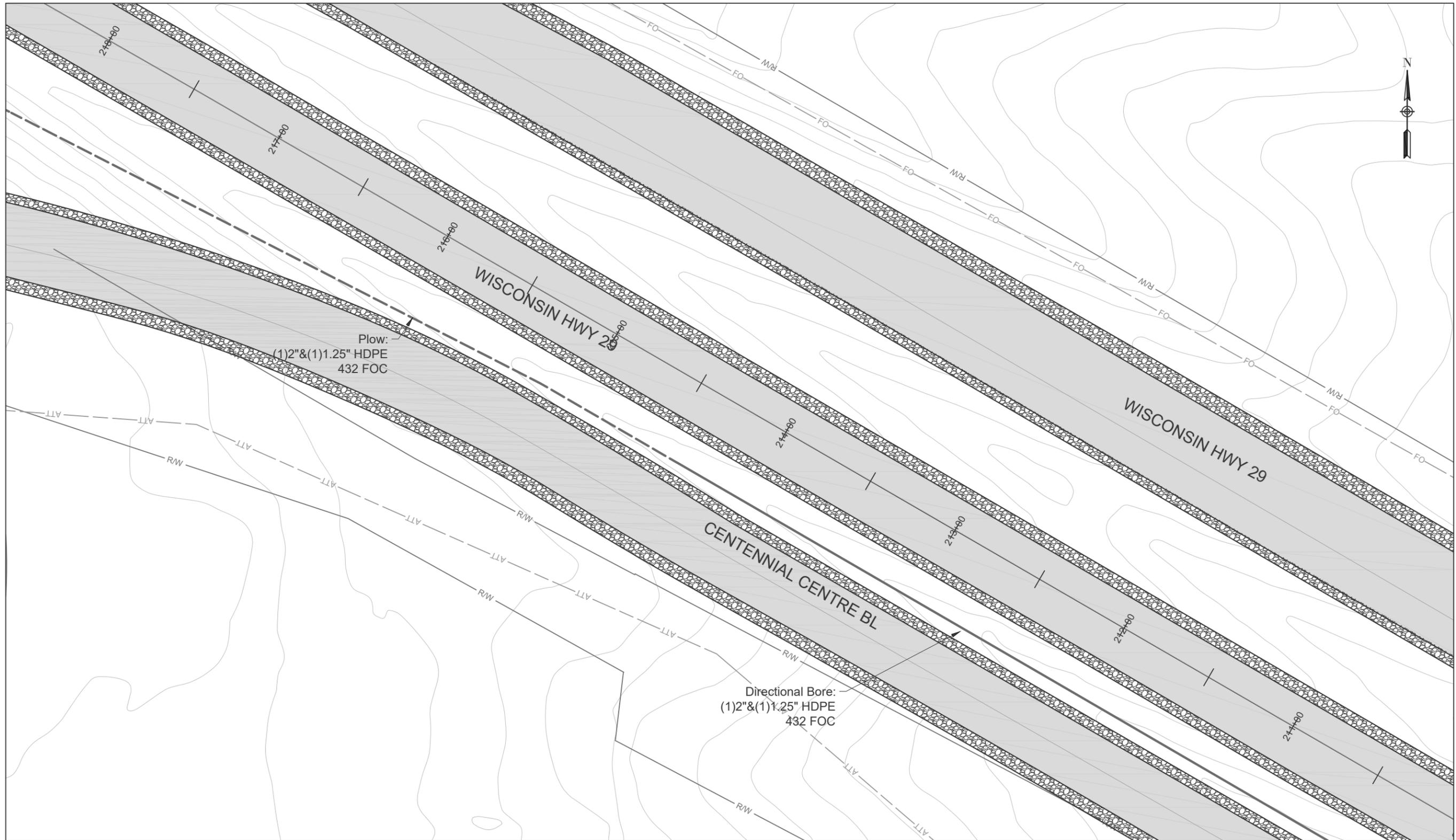


See Sheet 41

Construction Labor units this page:

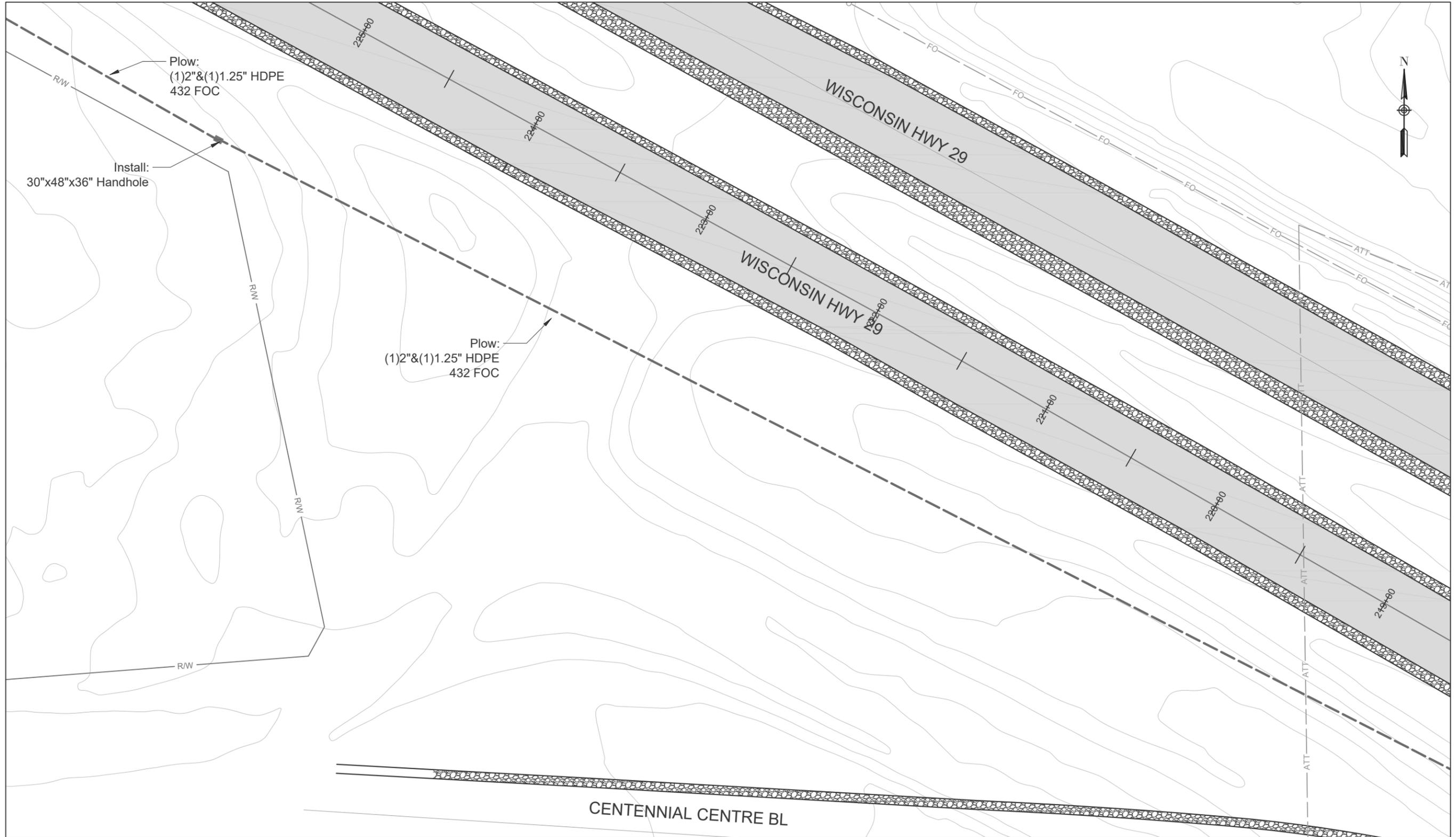
Directional Bore: 750'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 750'	

See Sheet 44



See Sheet 42

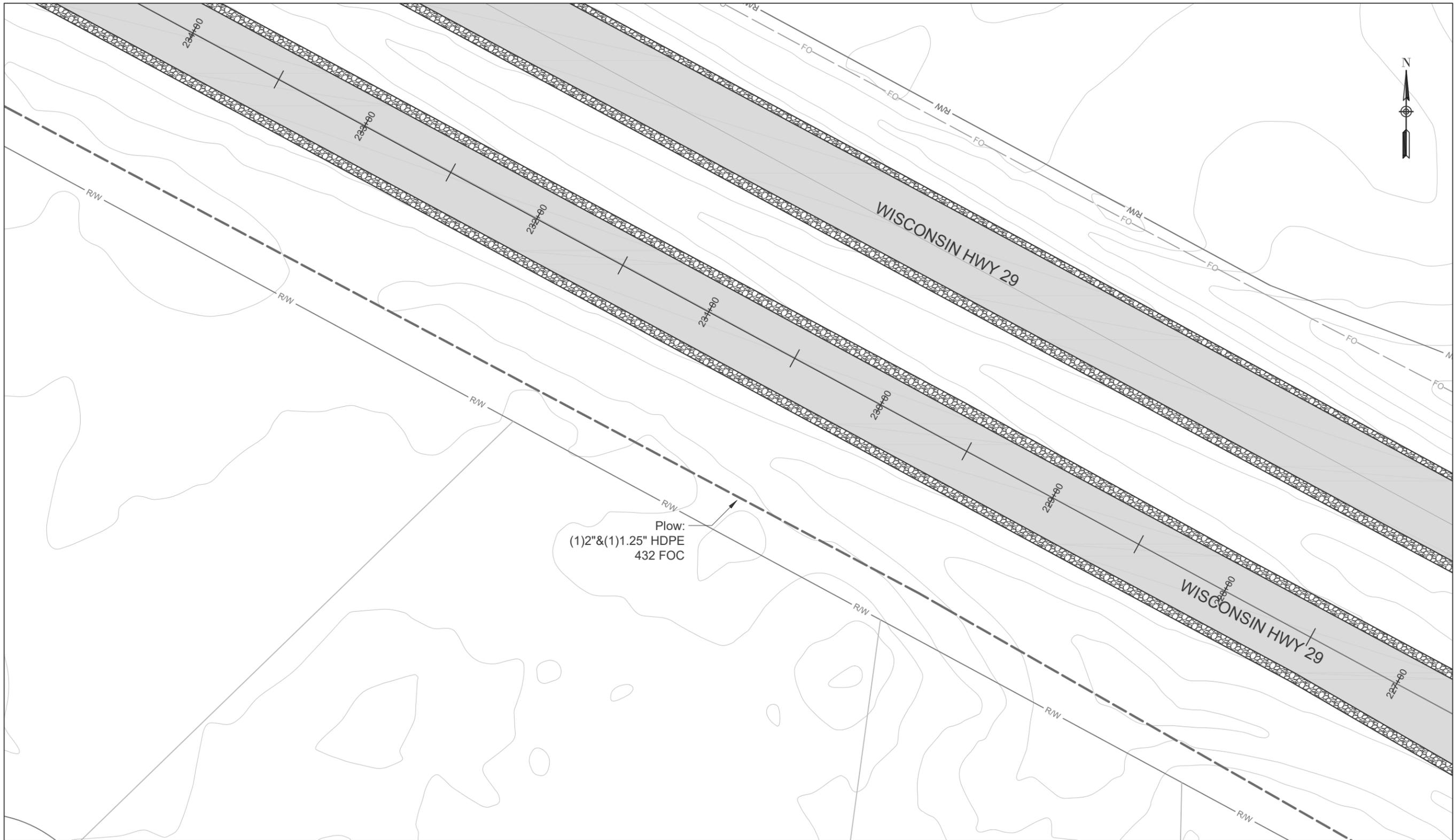
Construction Labor units this page:		
Directional Bore:	386'	Handhole Installation: 0
Plow:	385'	Place cable in duct: 771'
		Store cable expansion in handhole: 0'



See Sheet 43

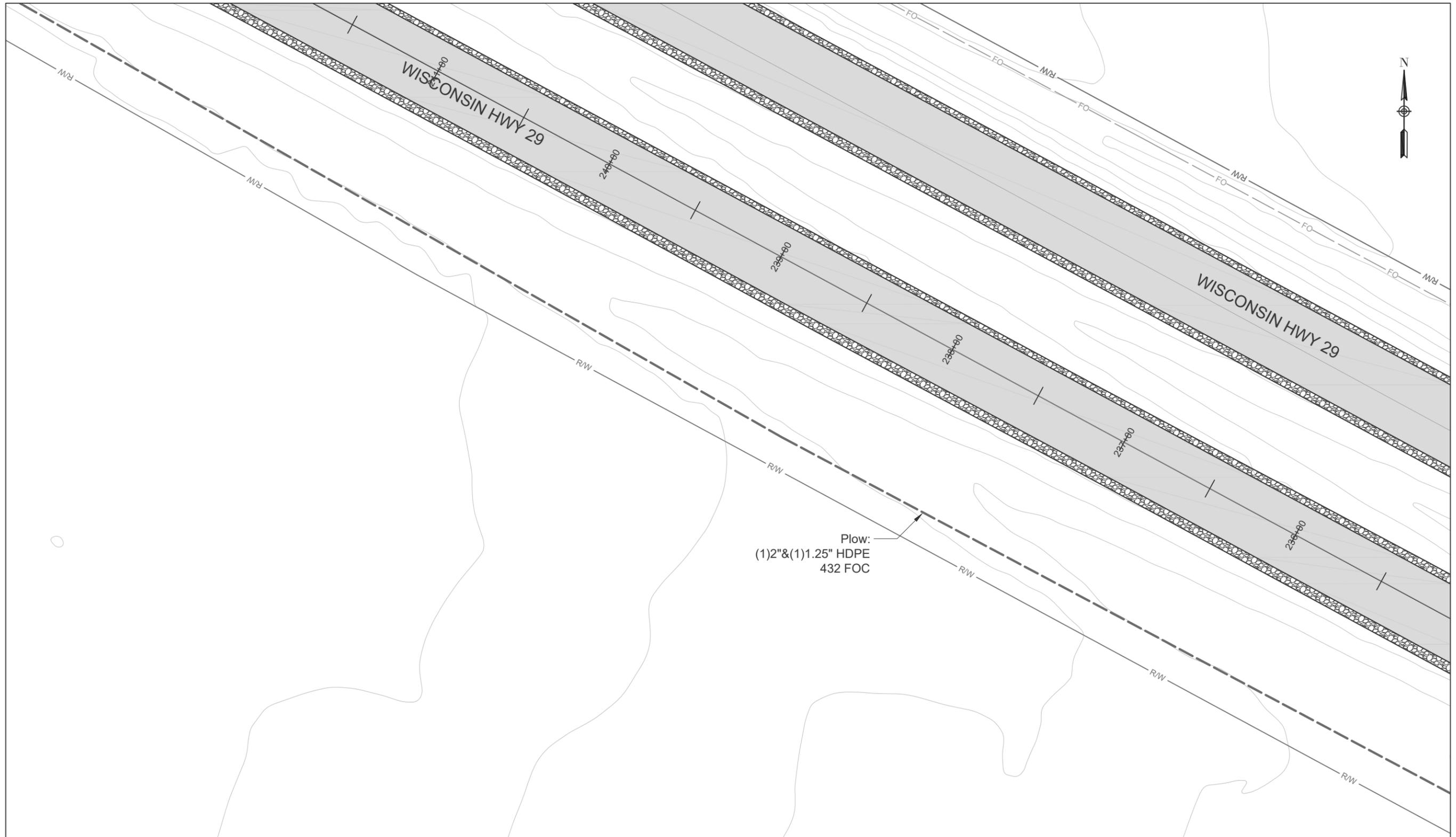
Construction Labor units this page:		
Directional Bore: 0'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 833'	Place cable in duct: 833'	

See Sheet 46



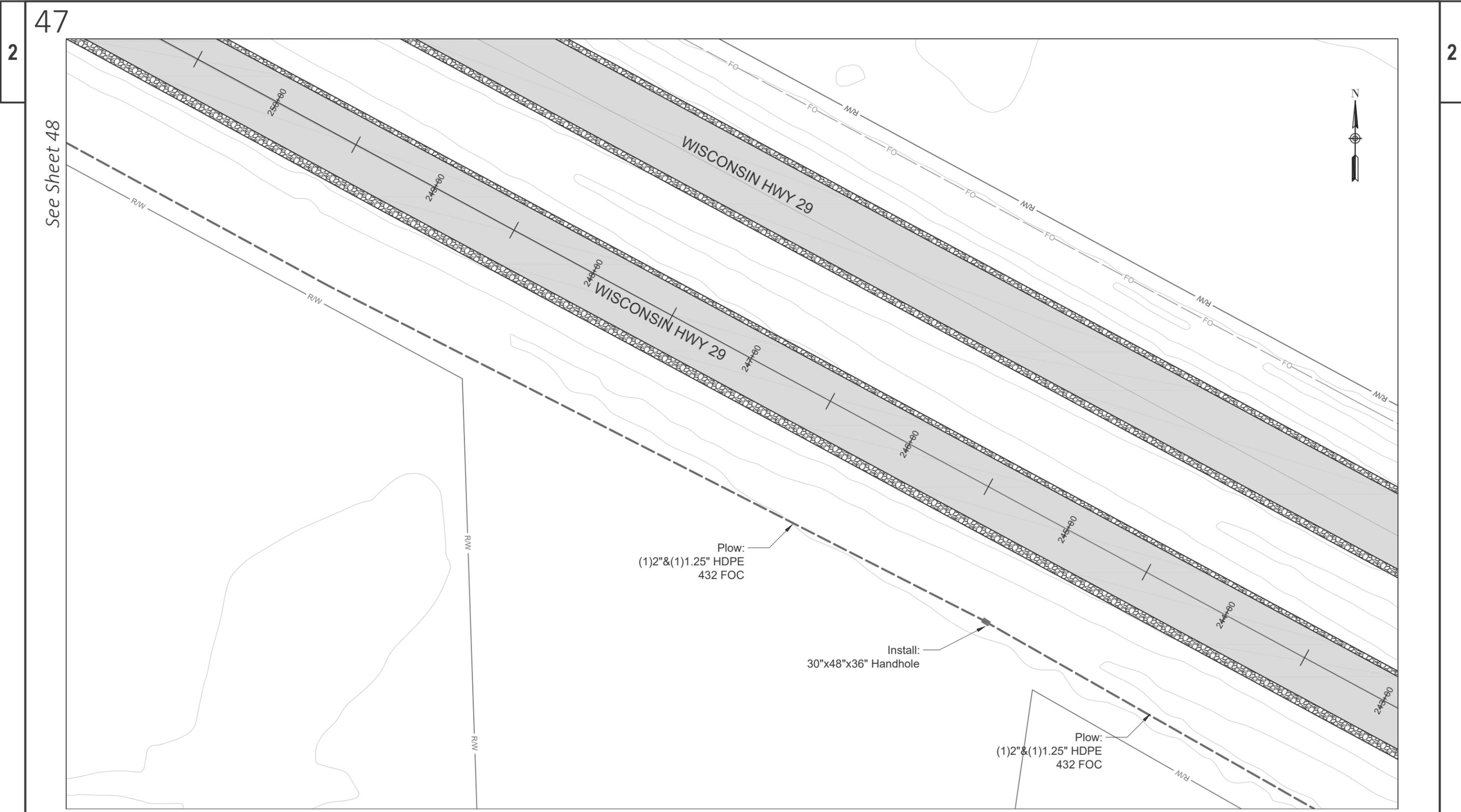
See Sheet 44

Construction Labor units this page:		
Directional Bore: 0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 800'	Place cable in duct: 800'	



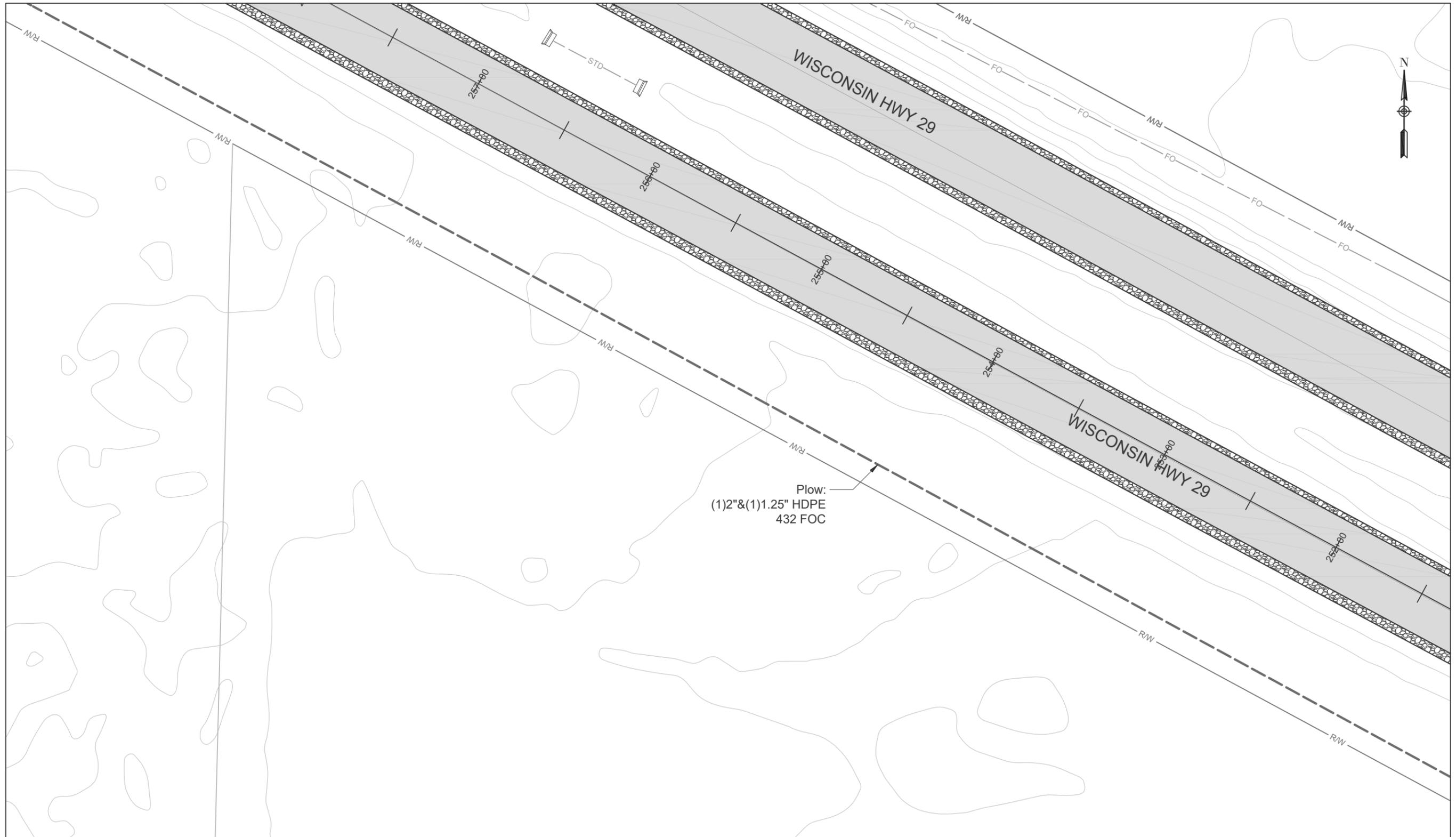
See Sheet 45

Construction Labor units this page:		
Directional Bore: 0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 837'	Place cable in duct: 837'	



Construction Labor units this page:		
Directional Bore: 0'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 785'	Place cable in duct: 785'	

See Sheet 46

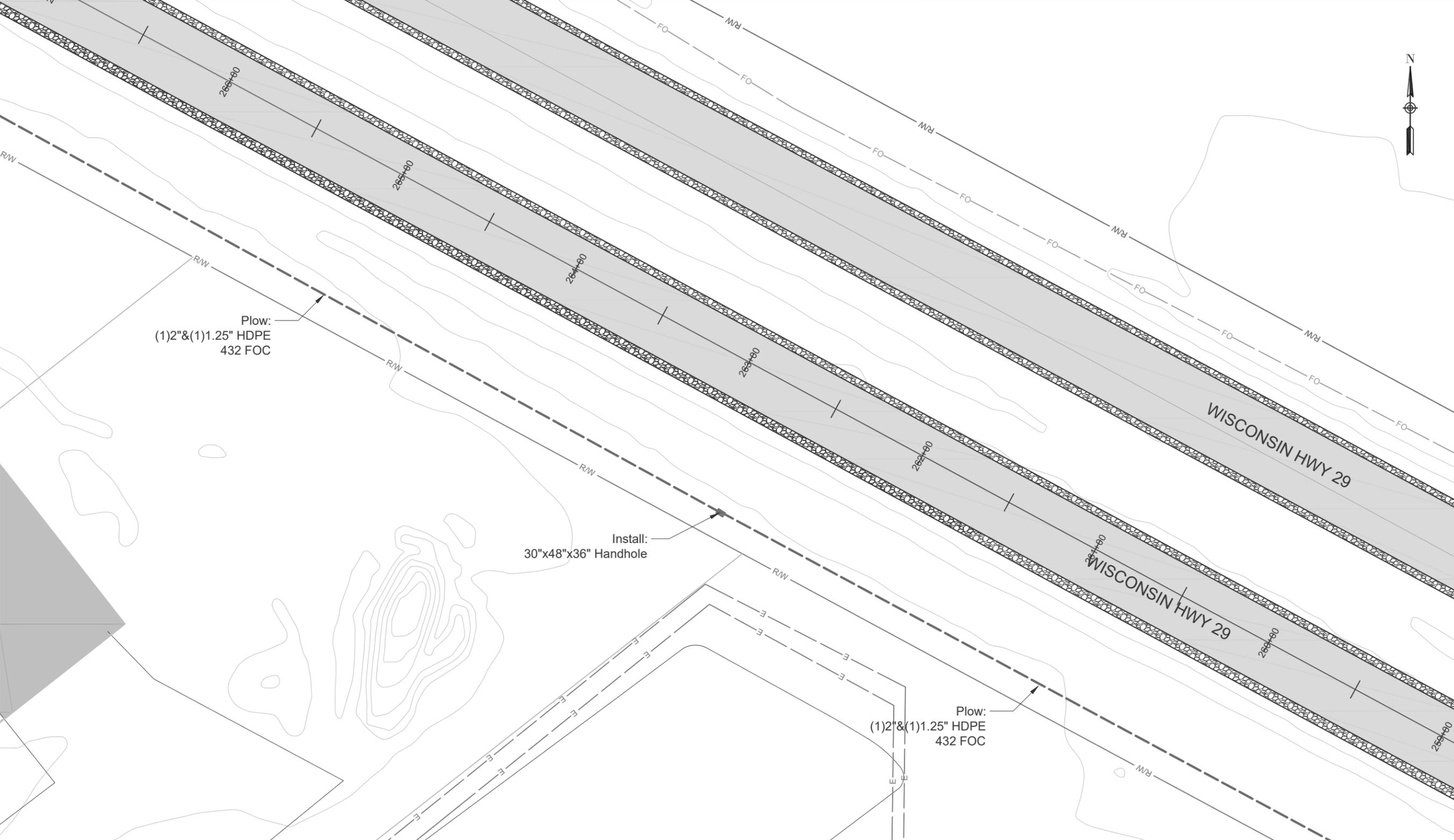


Plow:
 (1)2" & (1)1.25" HDPE
 432 FOC

See Sheet 47

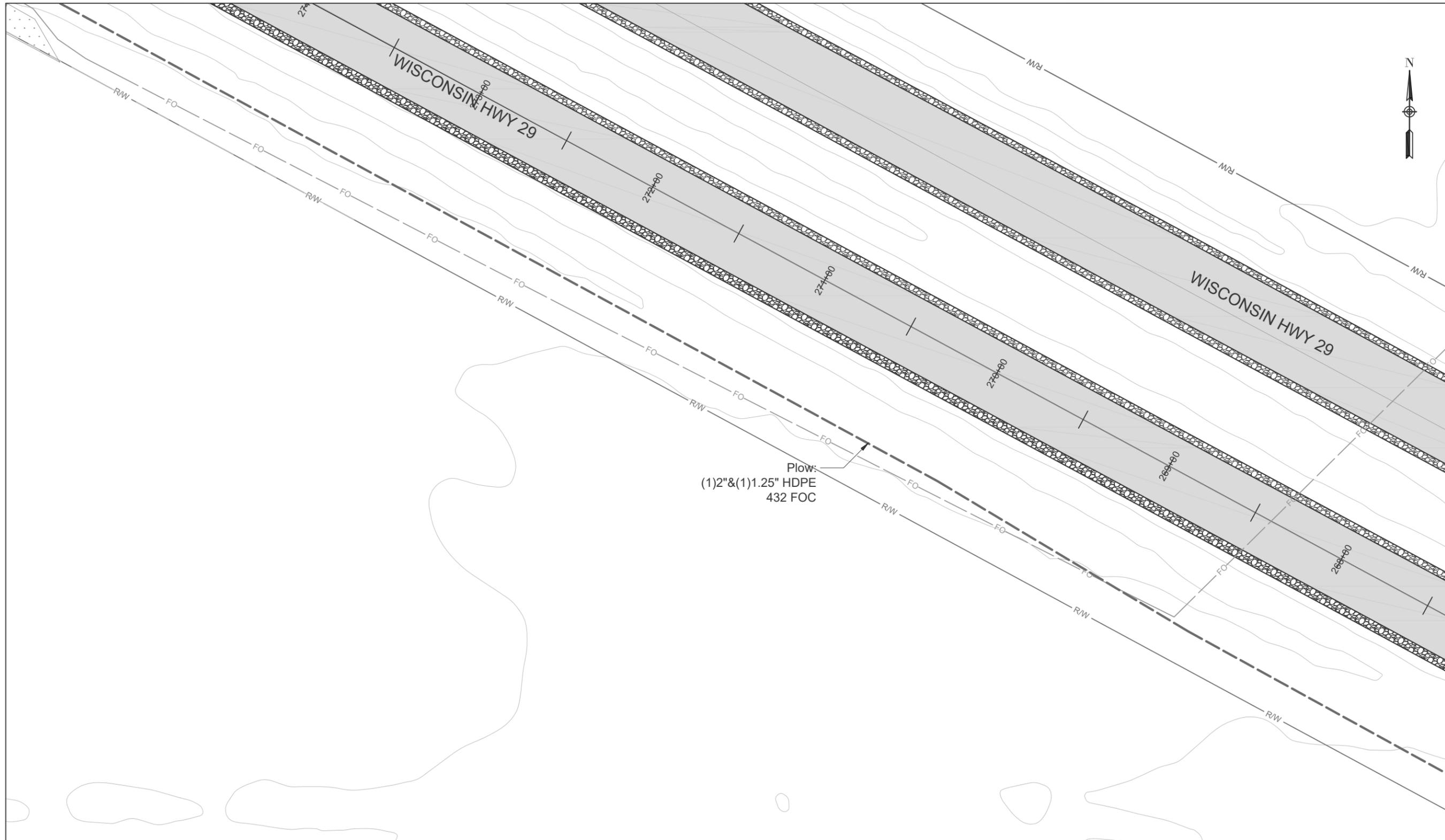
Construction Labor units this page:		
Directional Bore: 0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 828'	Place cable in duct: 828'	

See Sheet 50



Construction Labor units this page:		
Directional Bore: 0'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 770'	Place cable in duct: 770'	

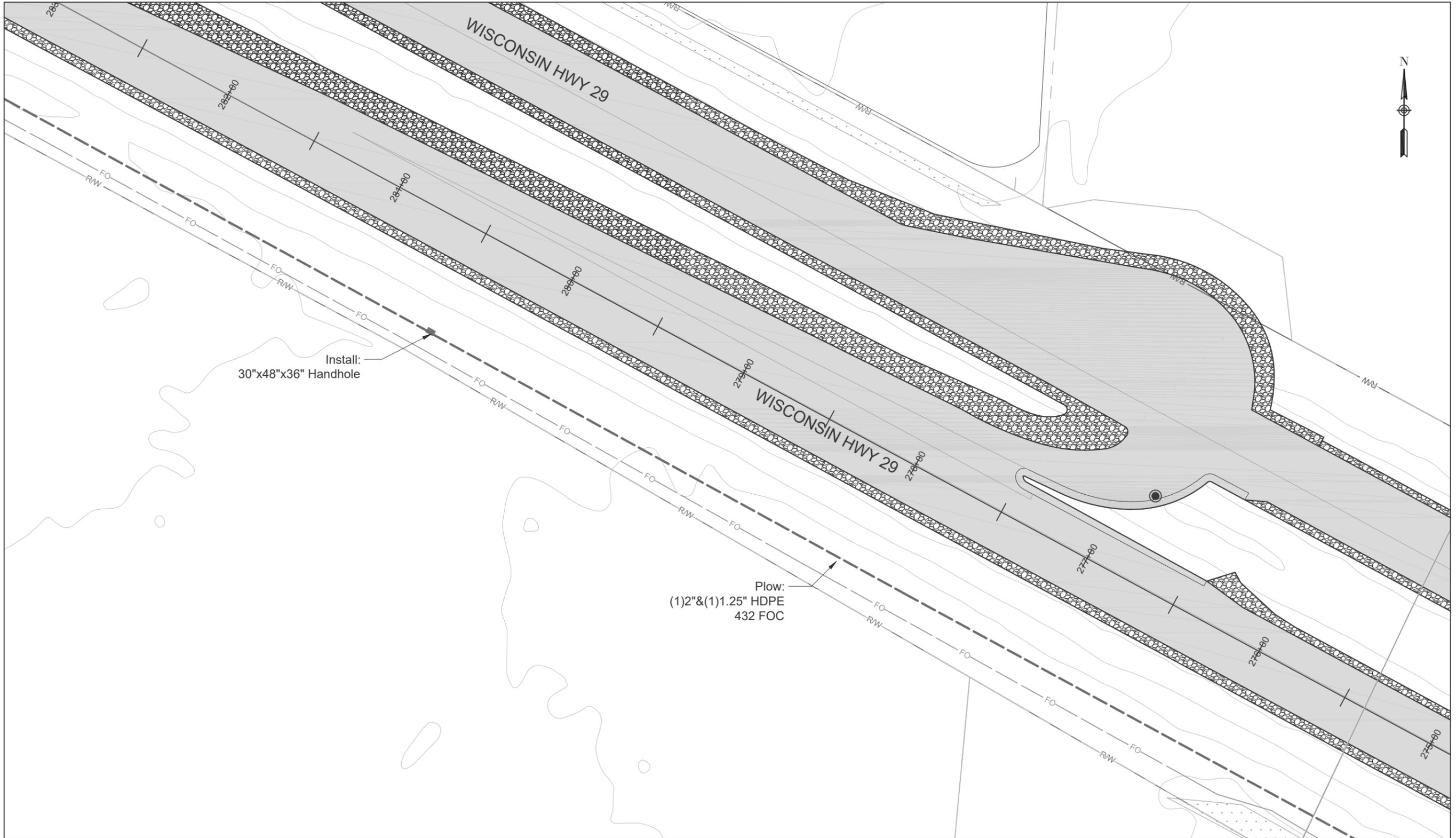
See Sheet 48



See Sheet 49

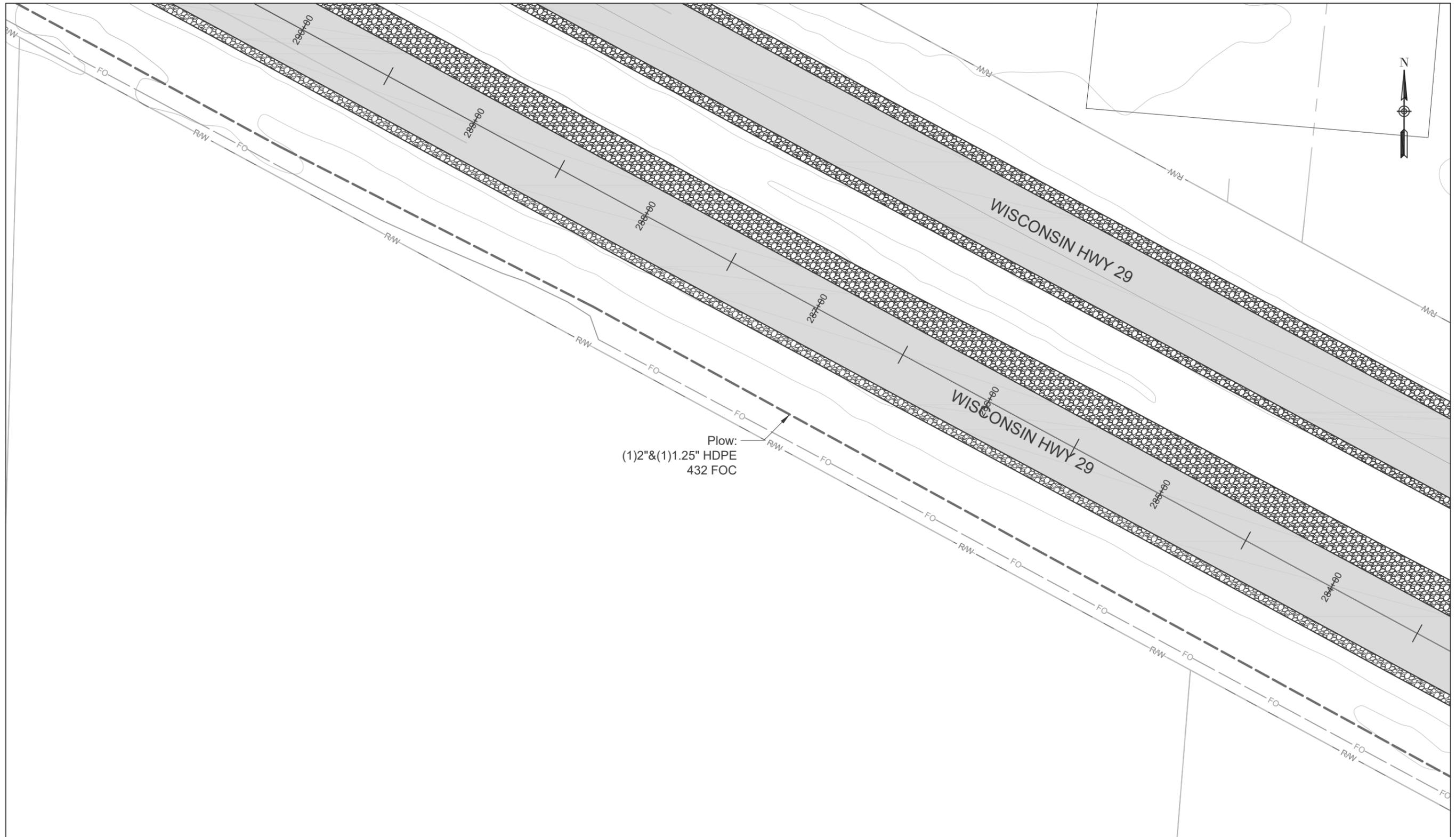
Construction Labor units this page:		
Directional Bore: 0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 814'	Place cable in duct: 814'	

See Sheet 52



See Sheet 50

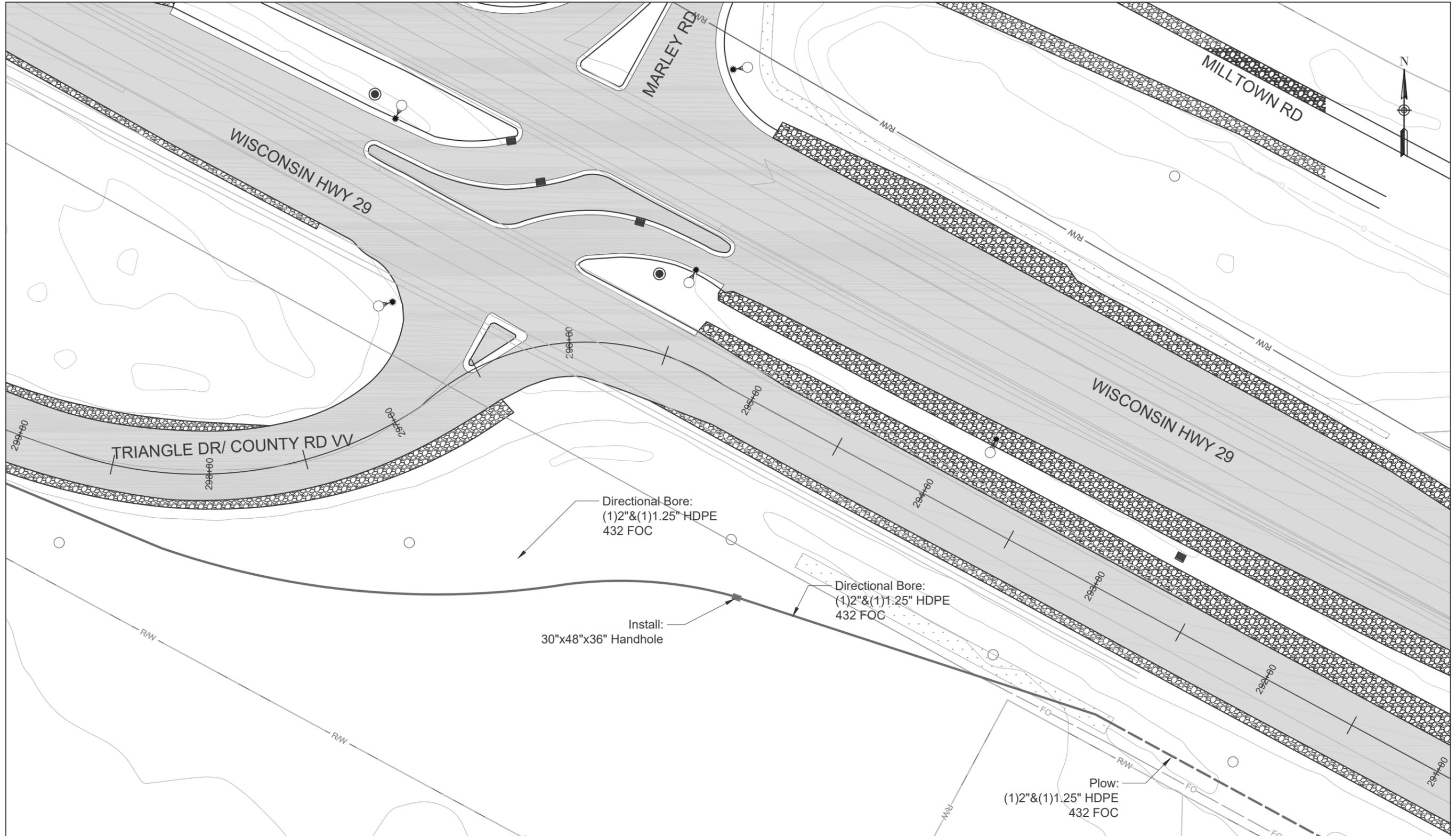
Construction Labor units this page:		
Directional Bore: 0'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 788'	Place cable in duct: 788'	



See Sheet 51

Construction Labor units this page:		
Directional Bore: 0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 835'	Place cable in duct: 835'	

See Sheet 54



See Sheet 52

Construction Labor units this page:			
Directional Bore:	381'	Handhole Installation:	1
Plow:	120'	Place cable in duct:	501'
		Store cable expansion in handhole:	100'



See Sheet 53

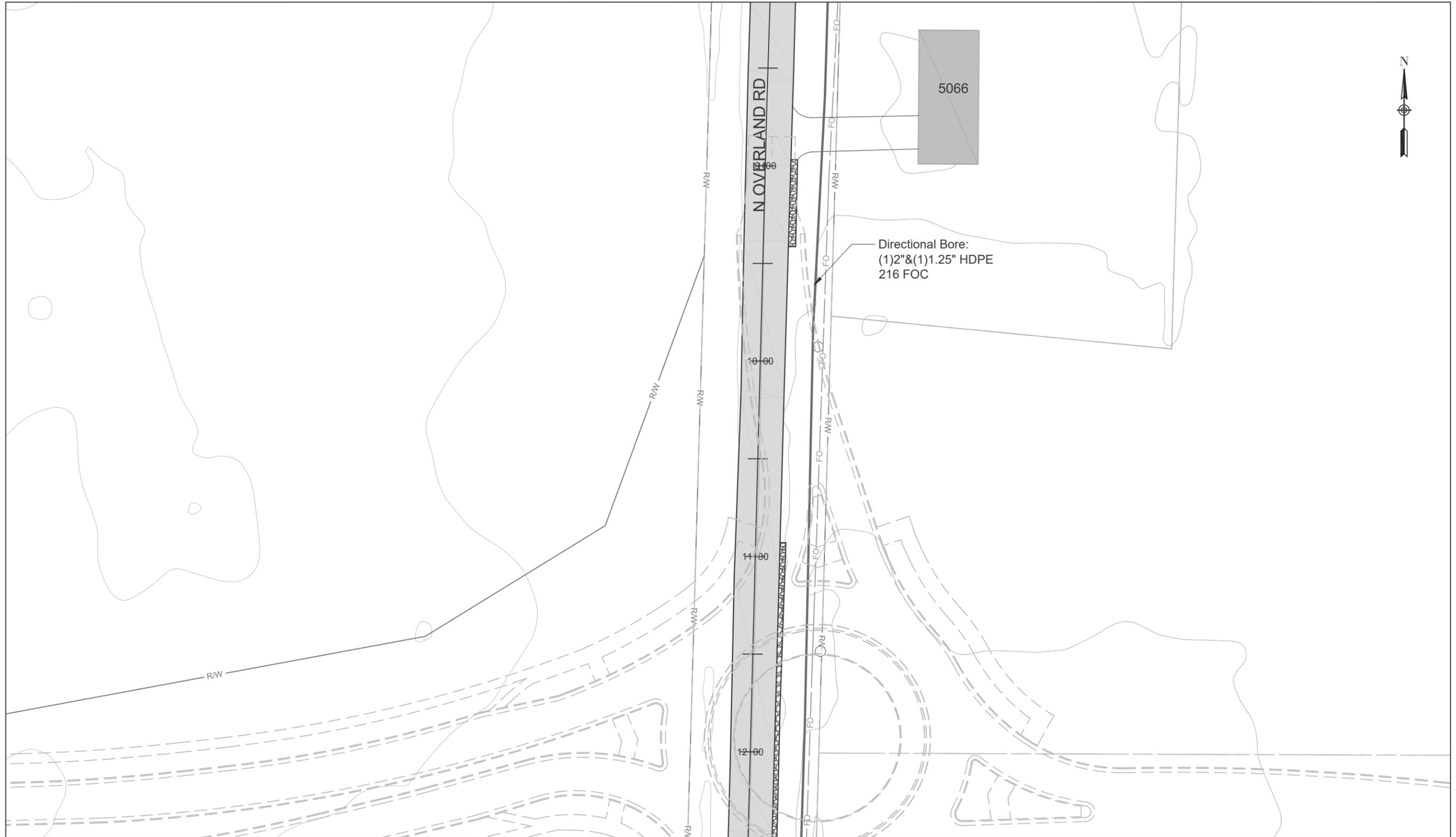
See Sheet 55

Construction Labor units this page:		
Directional Bore: 1123'	Handhole Installation: 1	Store cable expansion in handhole: 300'
Plow: 0'	Place cable in duct: 1123'	



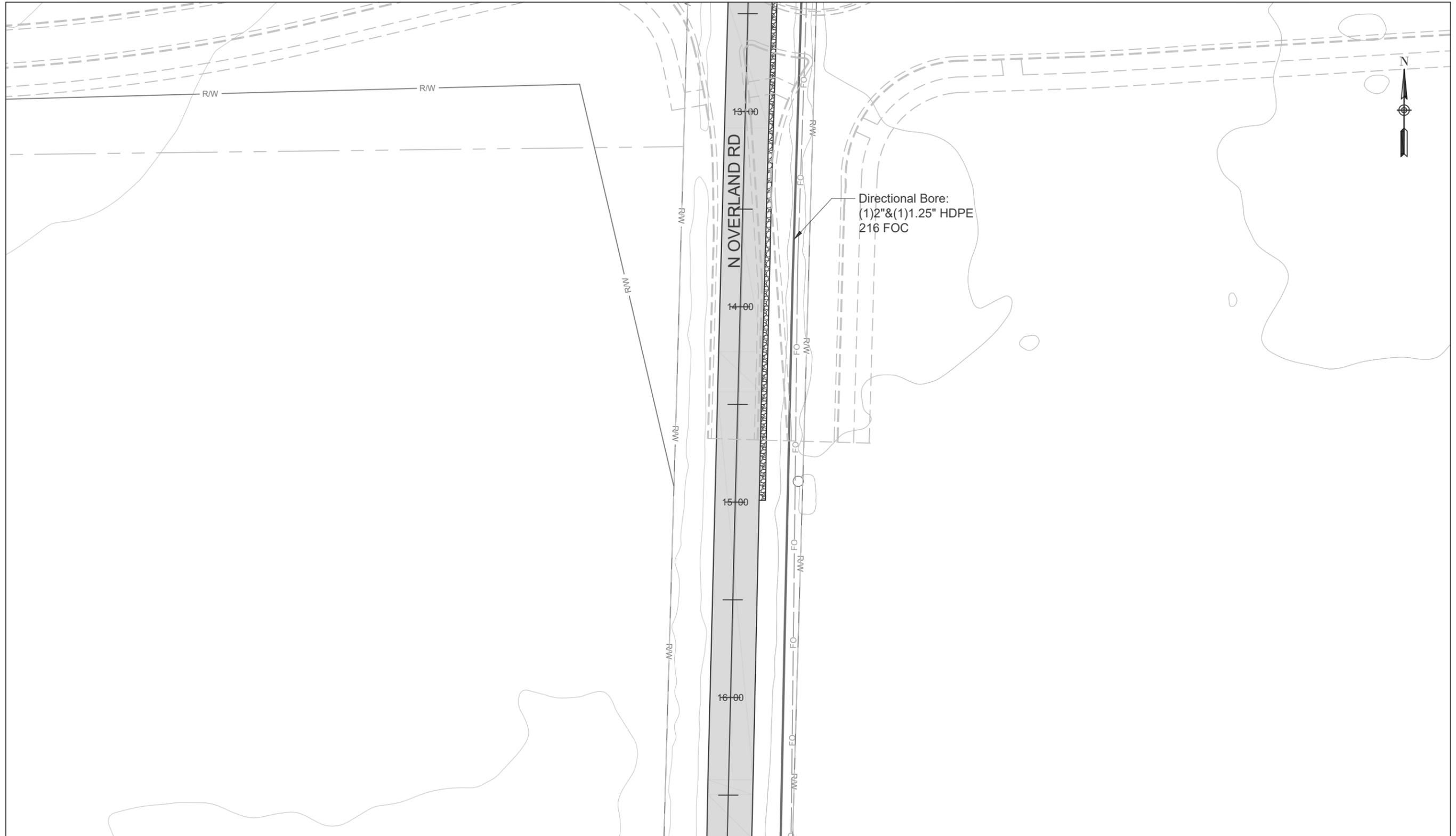
<u>Construction Labor units this page:</u>		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 56



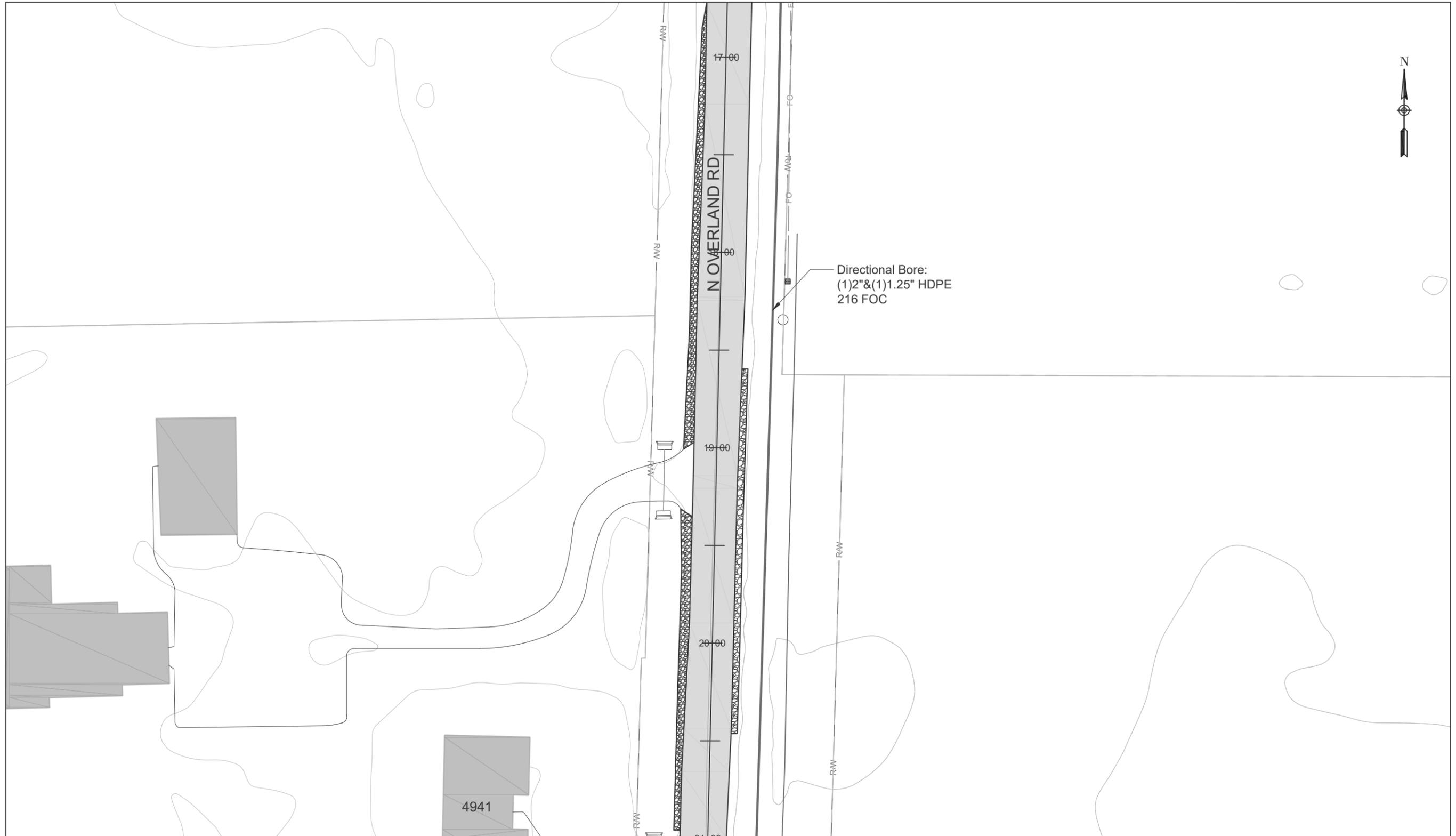
Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 57



<u>Construction Labor units this page:</u>		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

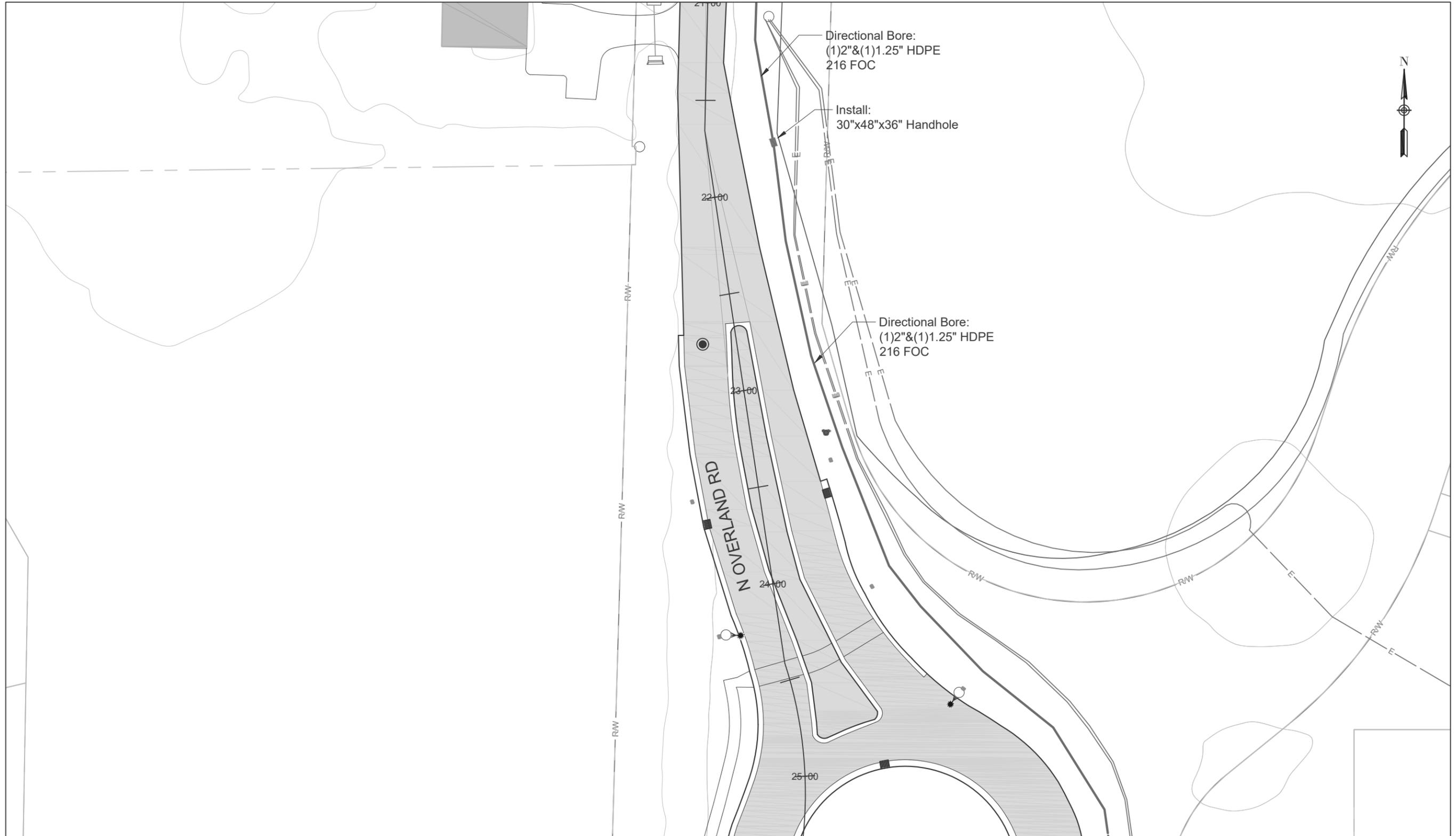
See Sheet 58



Construction Labor units this page:
 Directional Bore: 427' Handhole Installation: 0 Store cable expansion in handhole: 0'
 Plow: 0' Place cable in duct: 427'

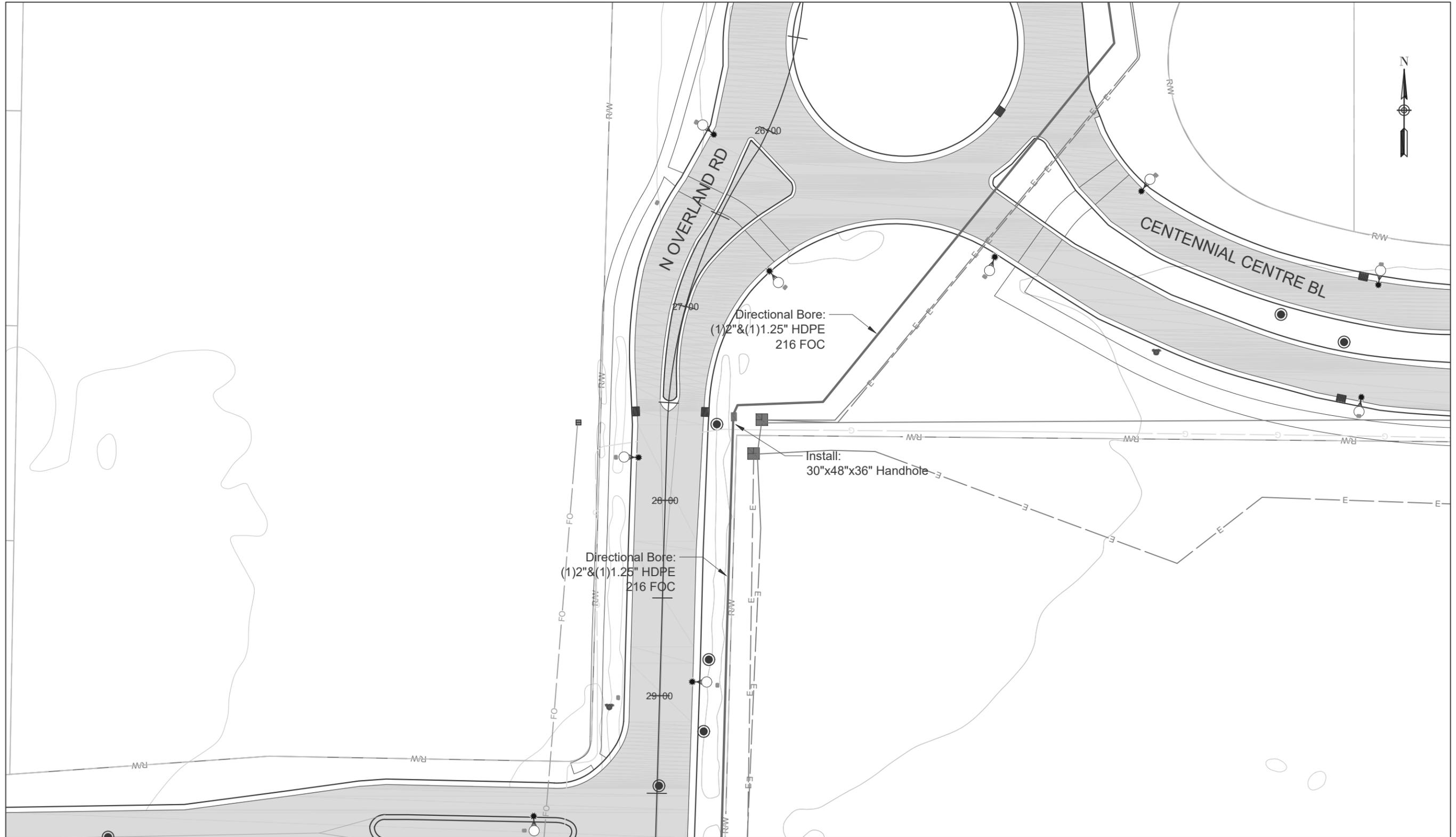
See Sheet 59

See Sheet 58



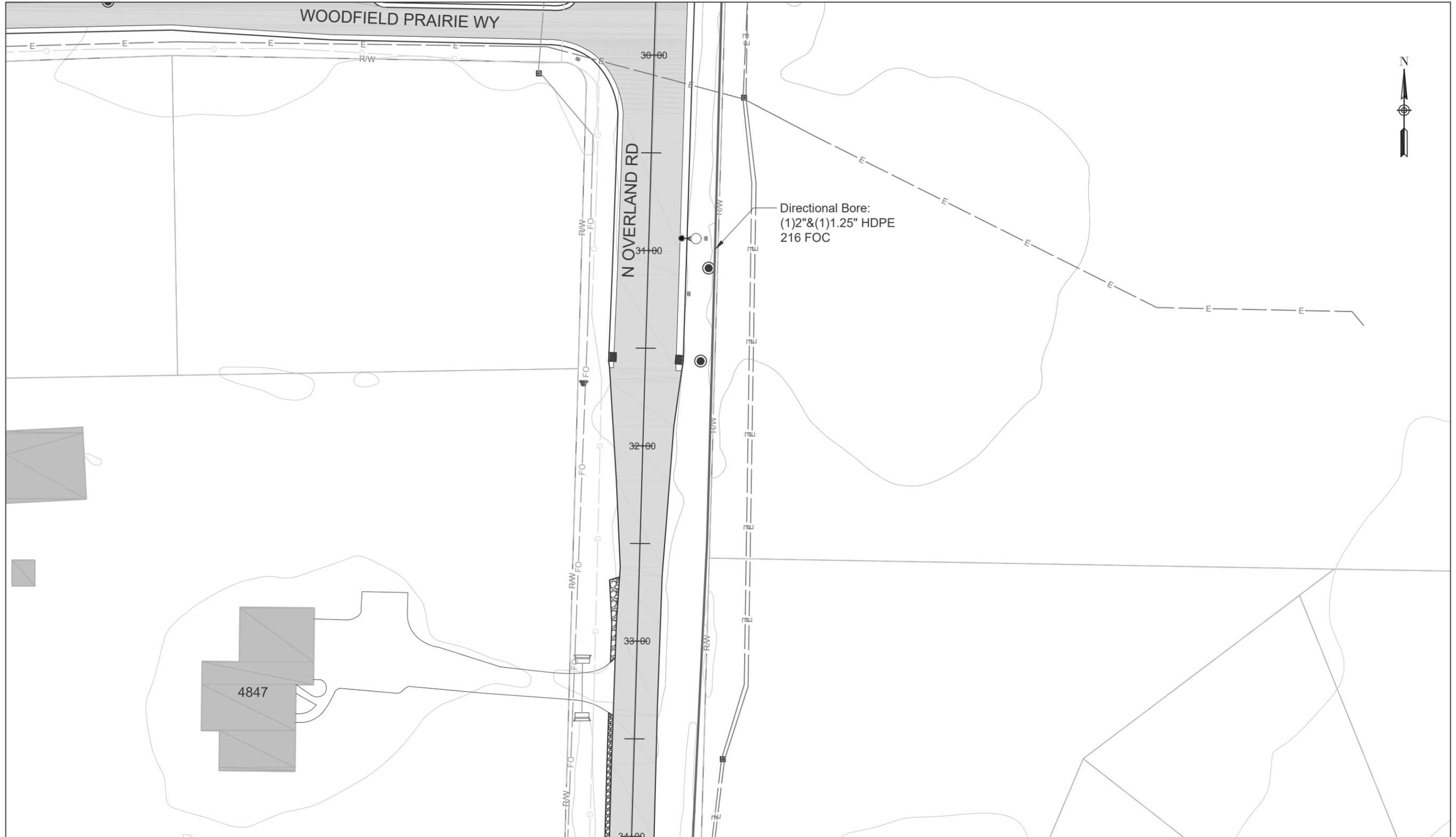
<u>Construction Labor units this page:</u>		
Directional Bore: 476'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 476'	

See Sheet 60



Construction Labor units this page:		
Directional Bore: 520'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 520'	

See Sheet 61



Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

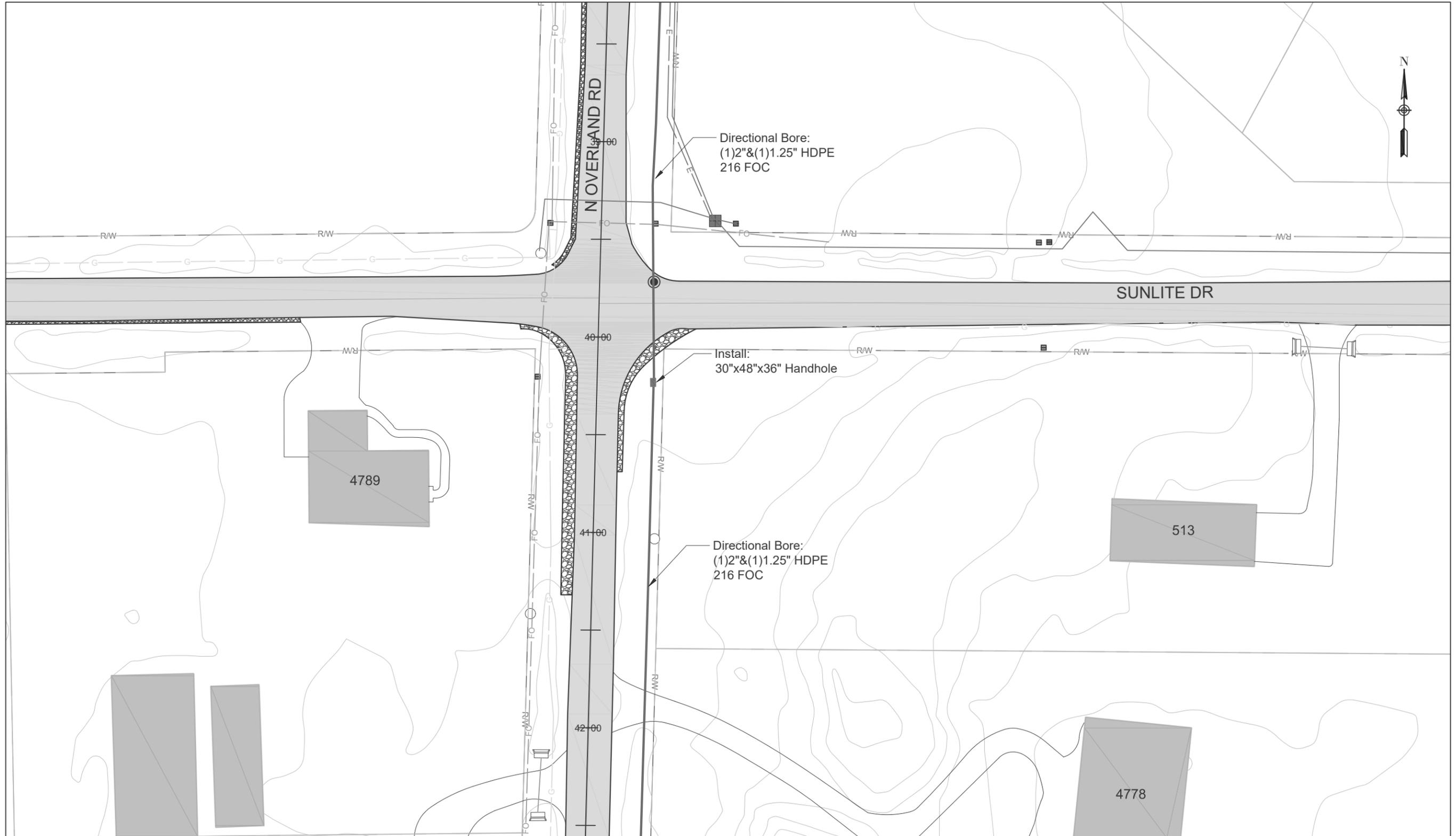
See Sheet 62



Construction Labor units this page:

Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 63



Construction Labor units this page:		
Directional Bore: 423'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 423'	

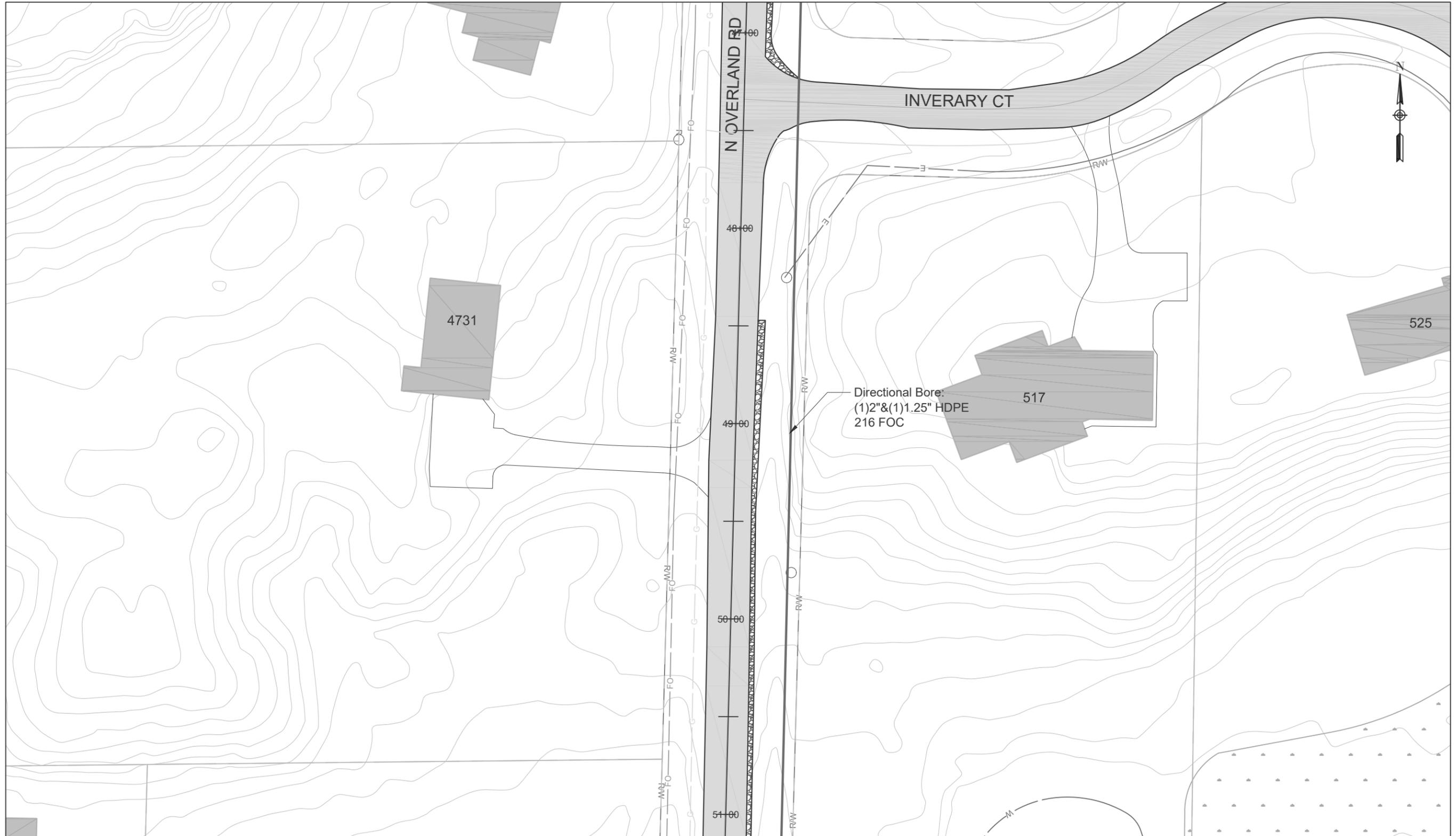
See Sheet 64



Construction Labor units this page:

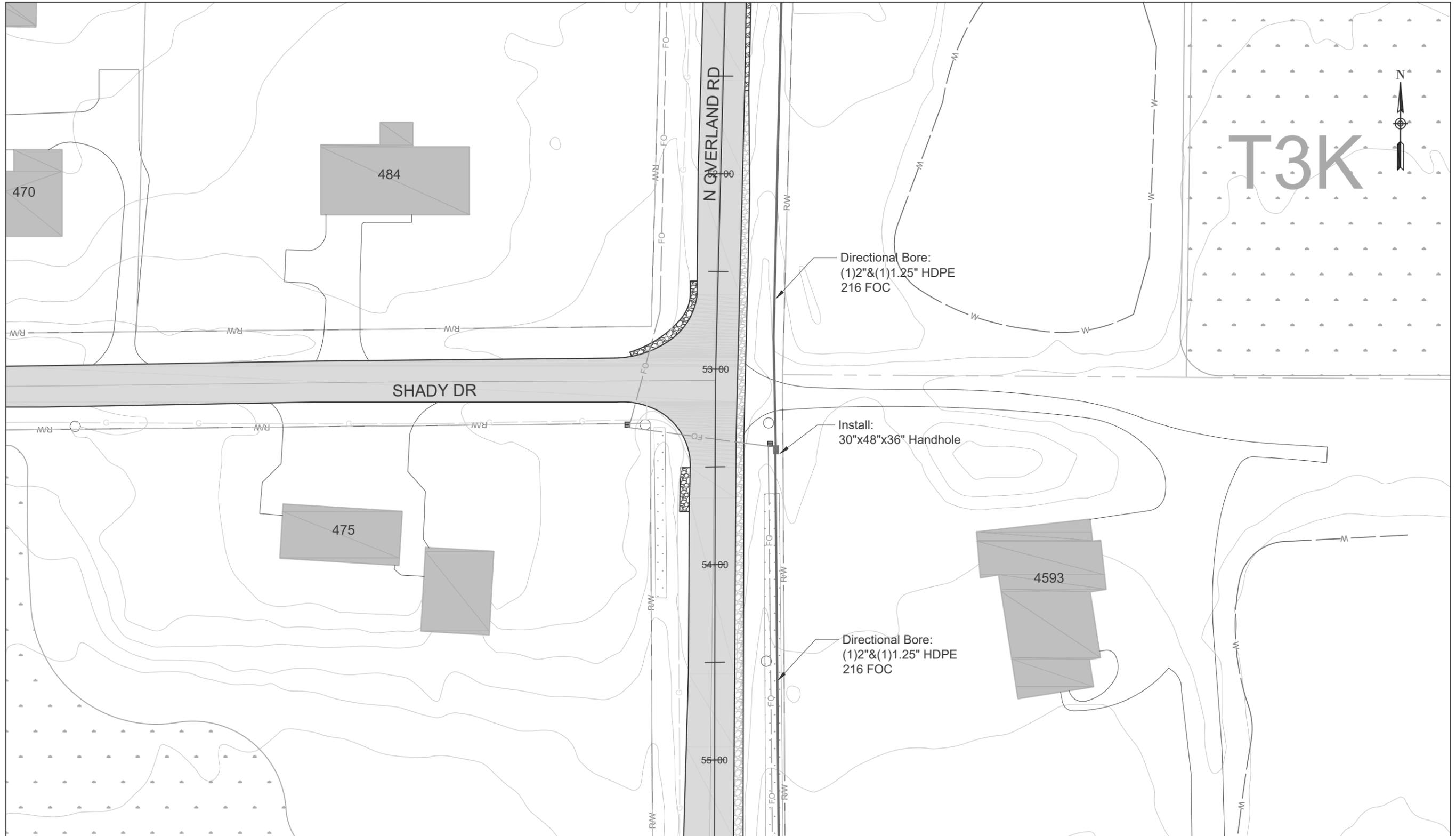
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 65



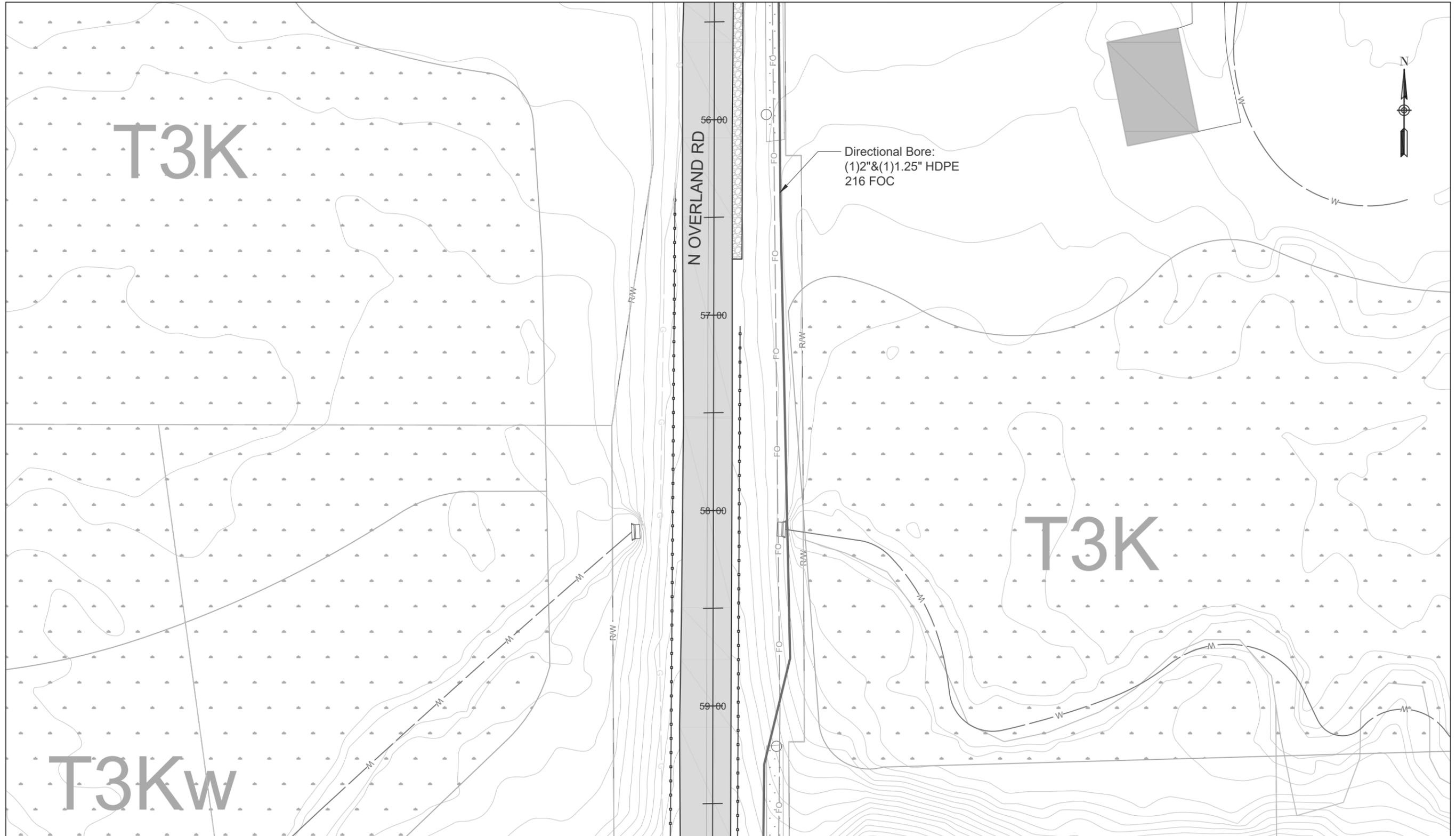
Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 66



Construction Labor units this page:		
Directional Bore: 423'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 423'	

See Sheet 67



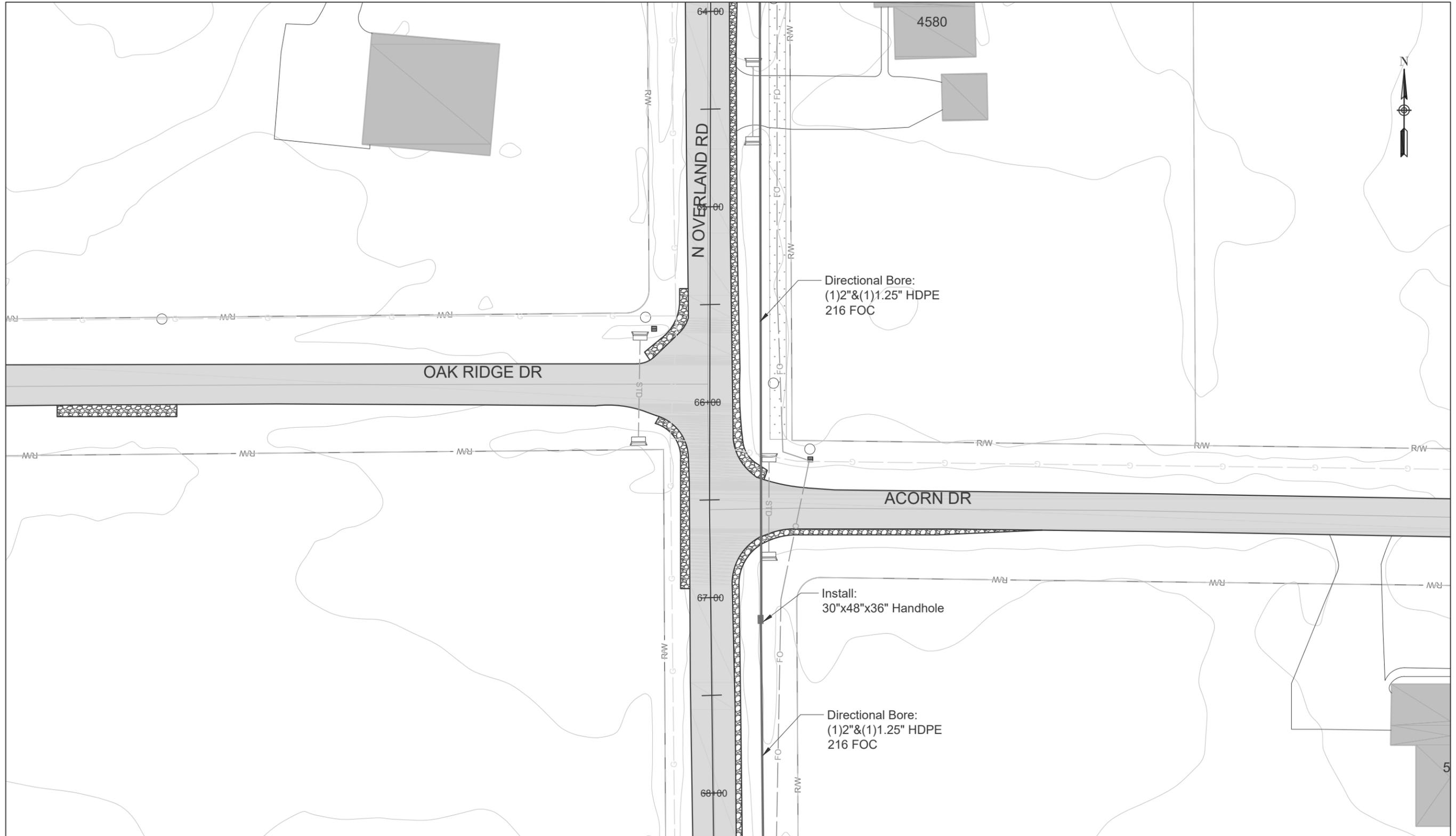
<u>Construction Labor units this page:</u>		
Directional Bore: 429'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 429'	

See Sheet 68



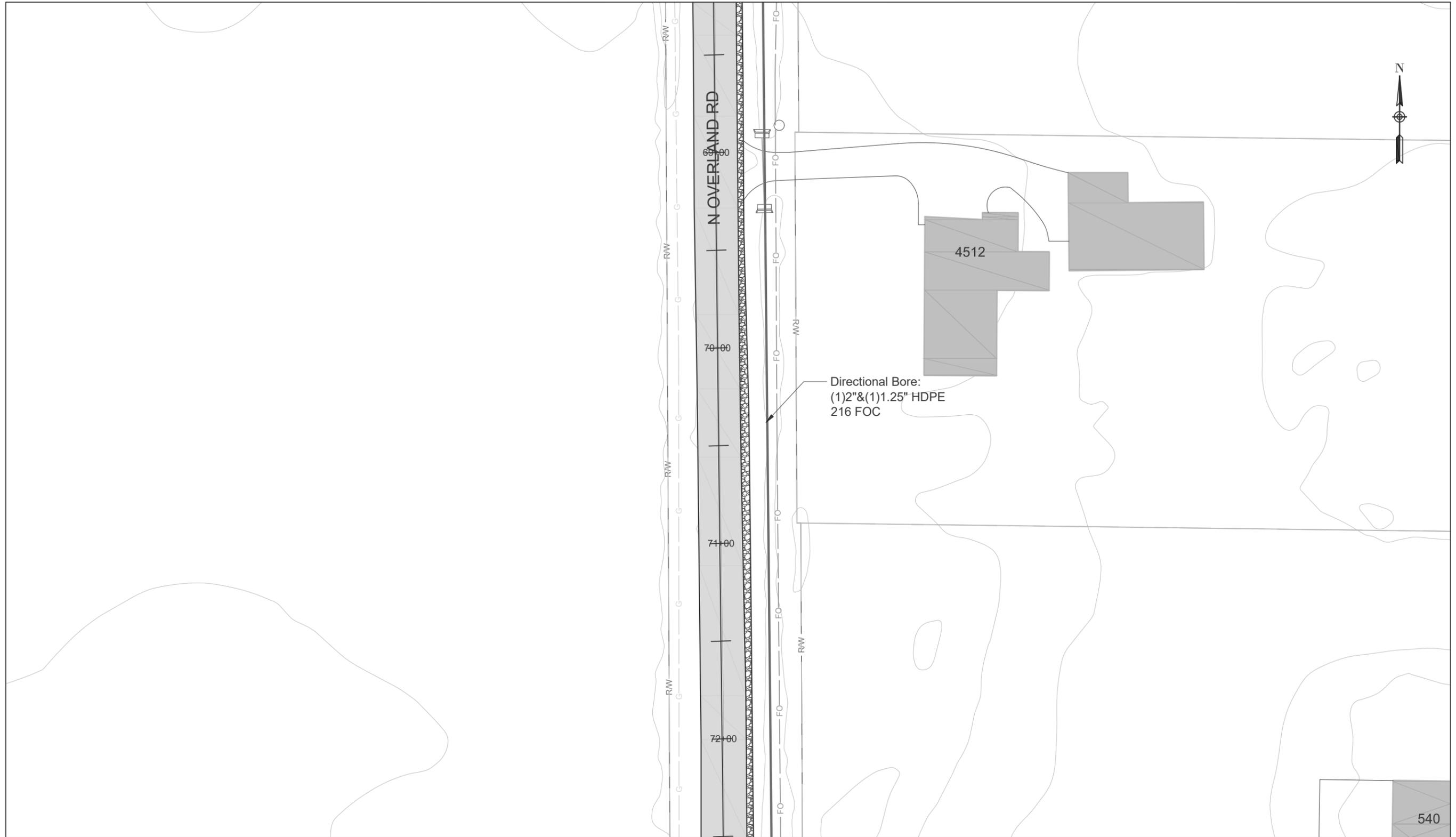
Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 69



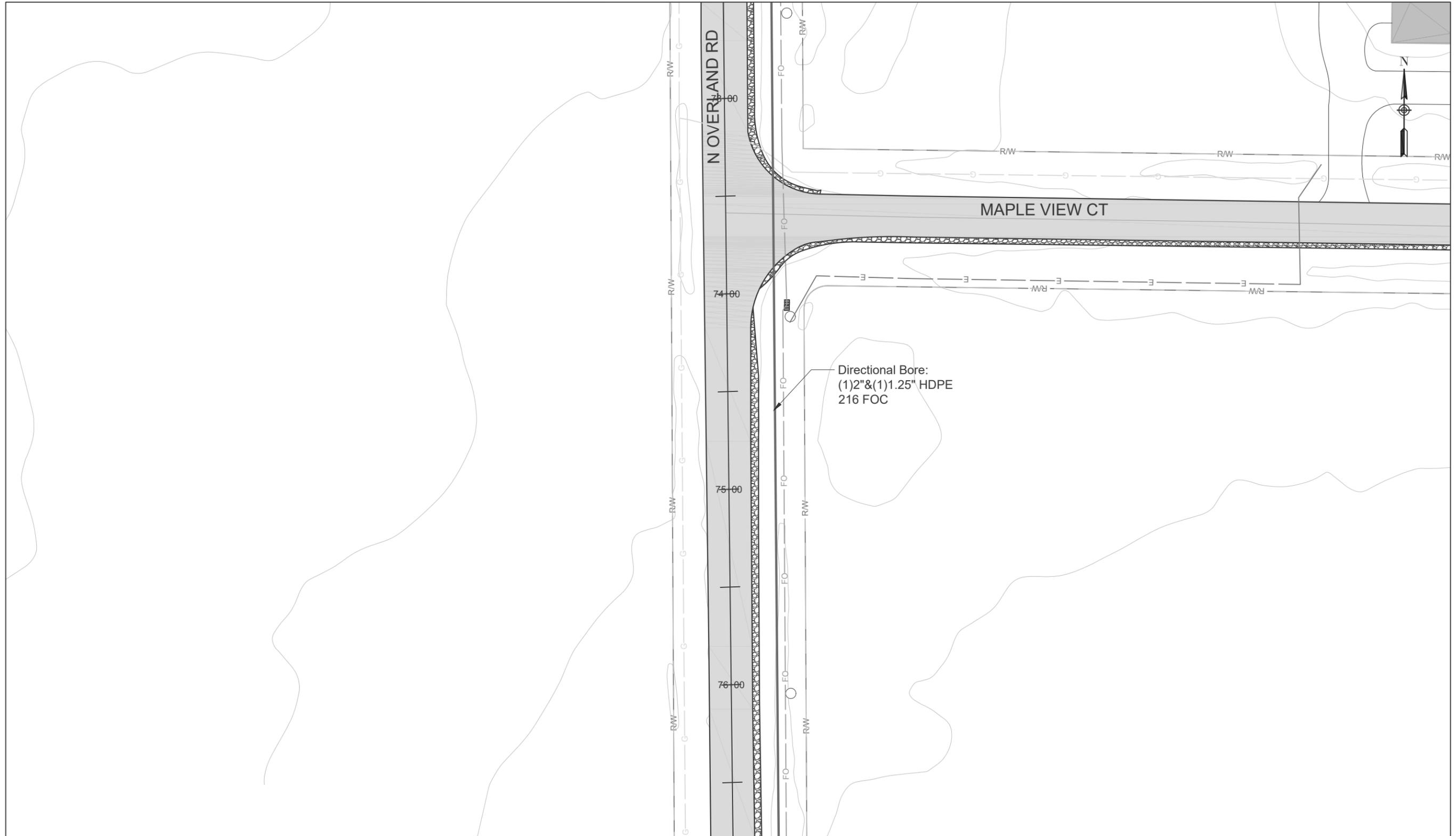
See Sheet 70

Construction Labor units this page:		
Directional Bore: 425'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 425'	



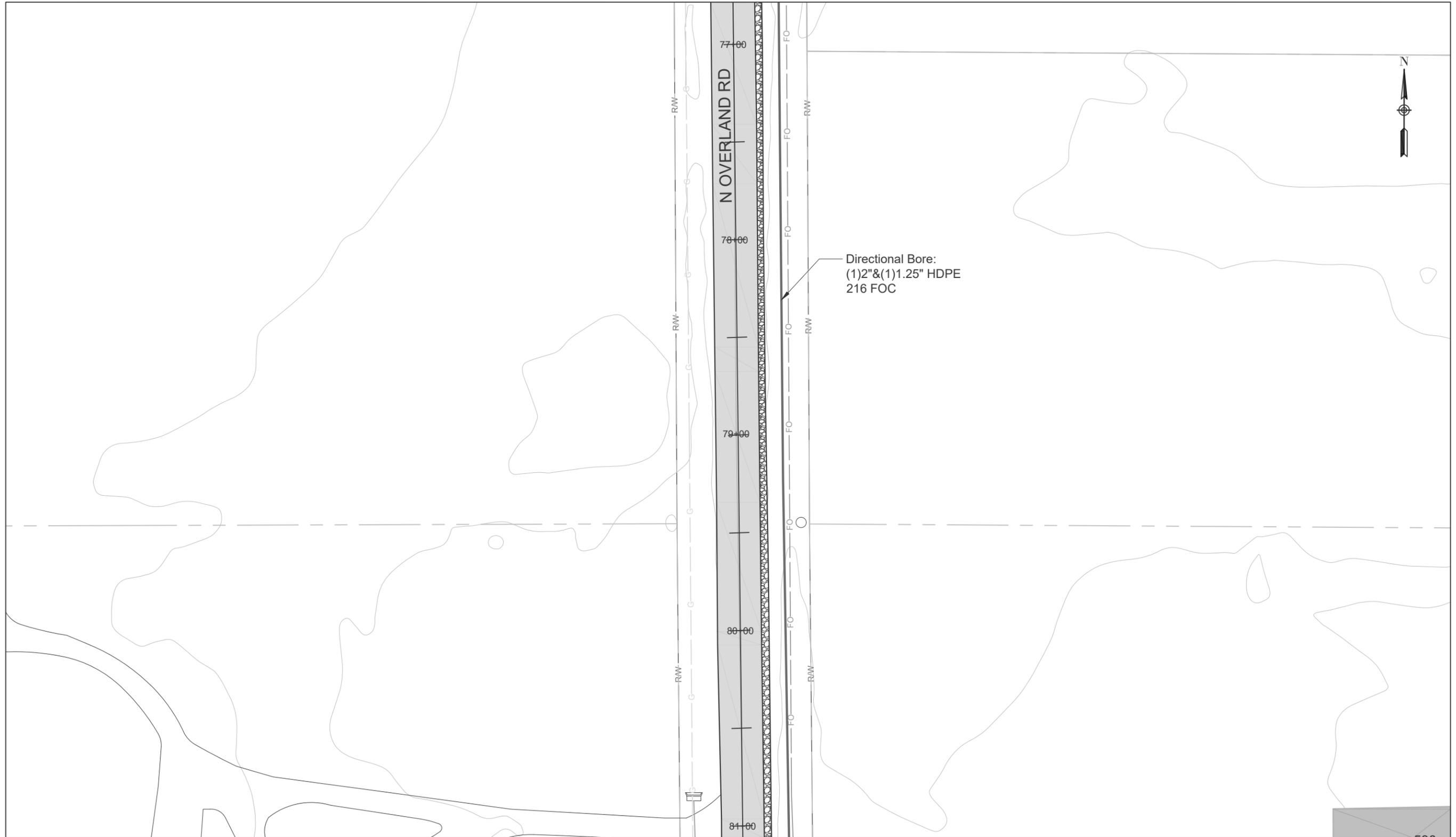
Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 71



Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 72

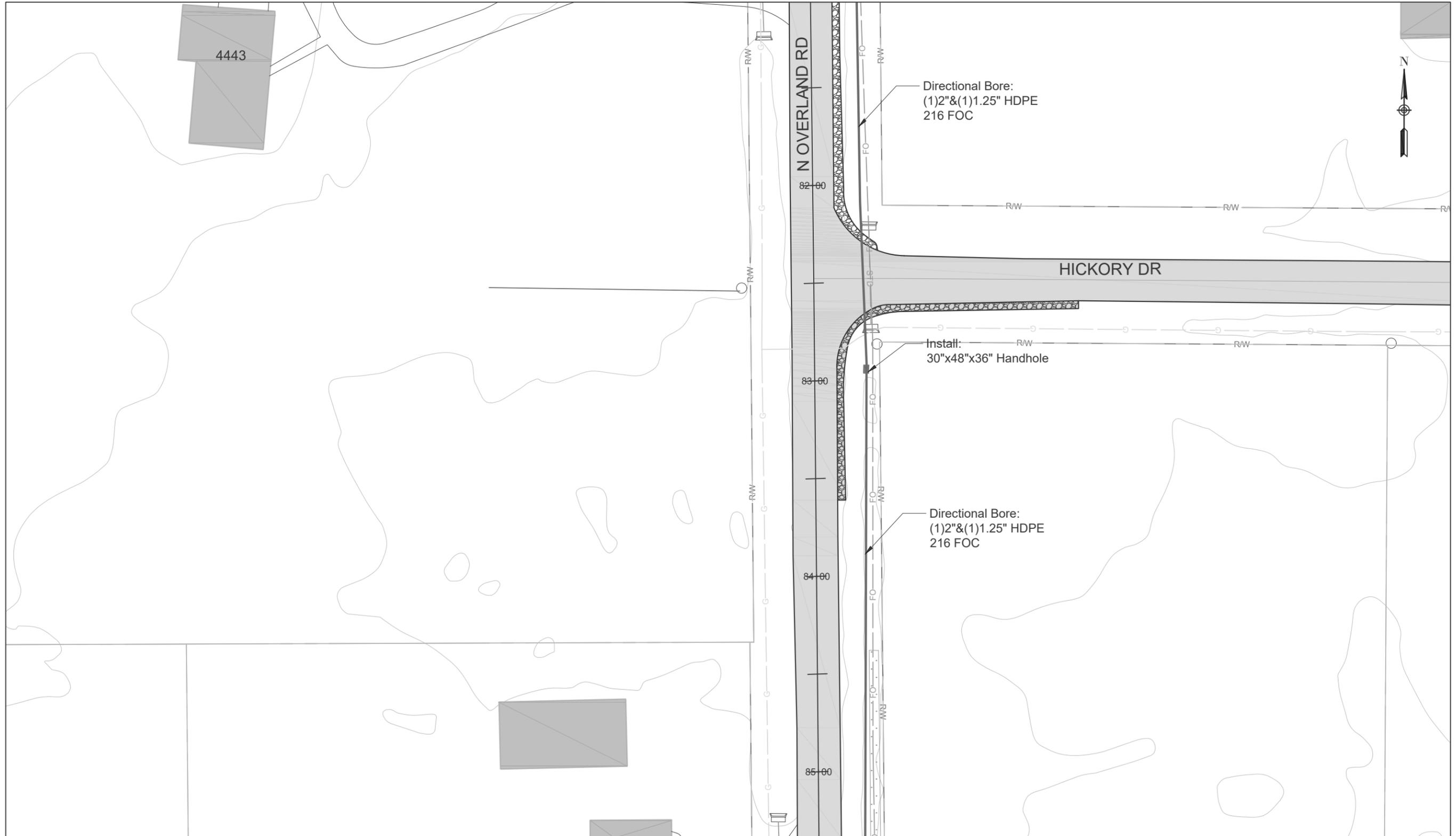


Directional Bore:
 (1)2" & (1)1.25" HDPE
 216 FOC



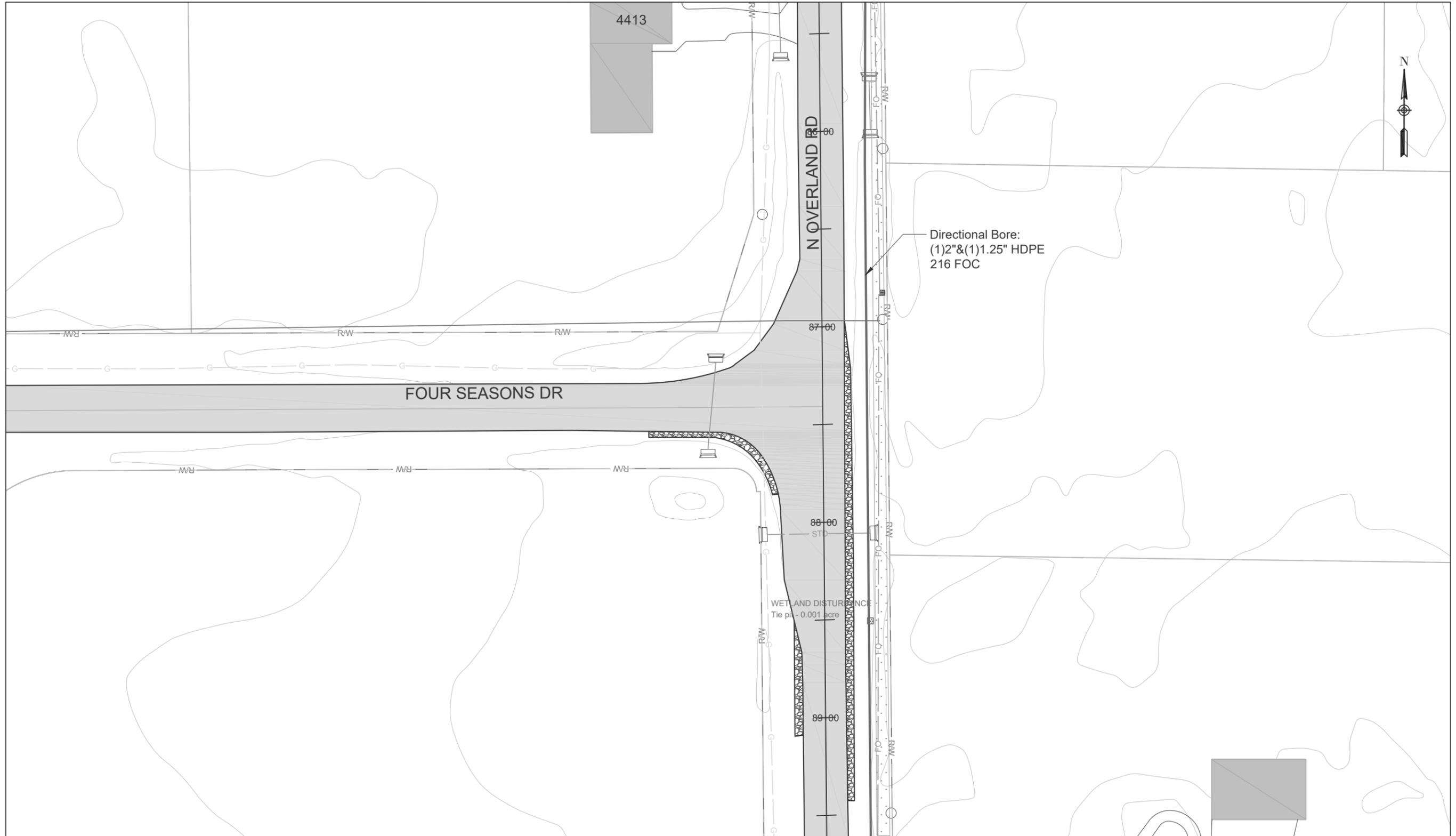
<u>Construction Labor units this page:</u>		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 73



<u>Construction Labor units this page:</u>		
Directional Bore: 425'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 425'	

See Sheet 74



Directional Bore:
 (1)2" & (1)1.25" HDPE
 216 FOC

FOUR SEASONS DR

N OVERLAND RD

WETLAND DISTURBANCE
 Tie pile - 0.001 acre

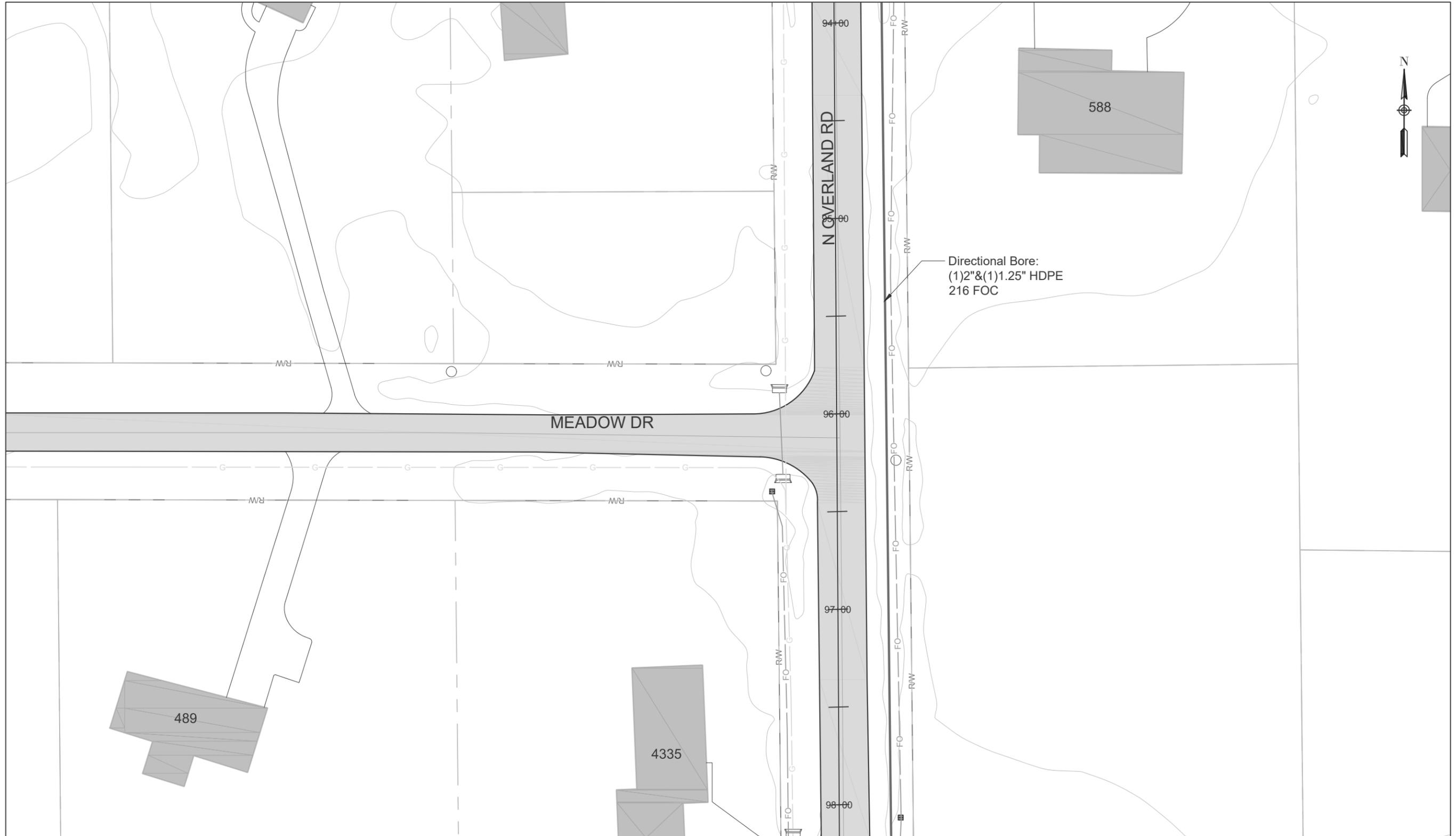
Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 75



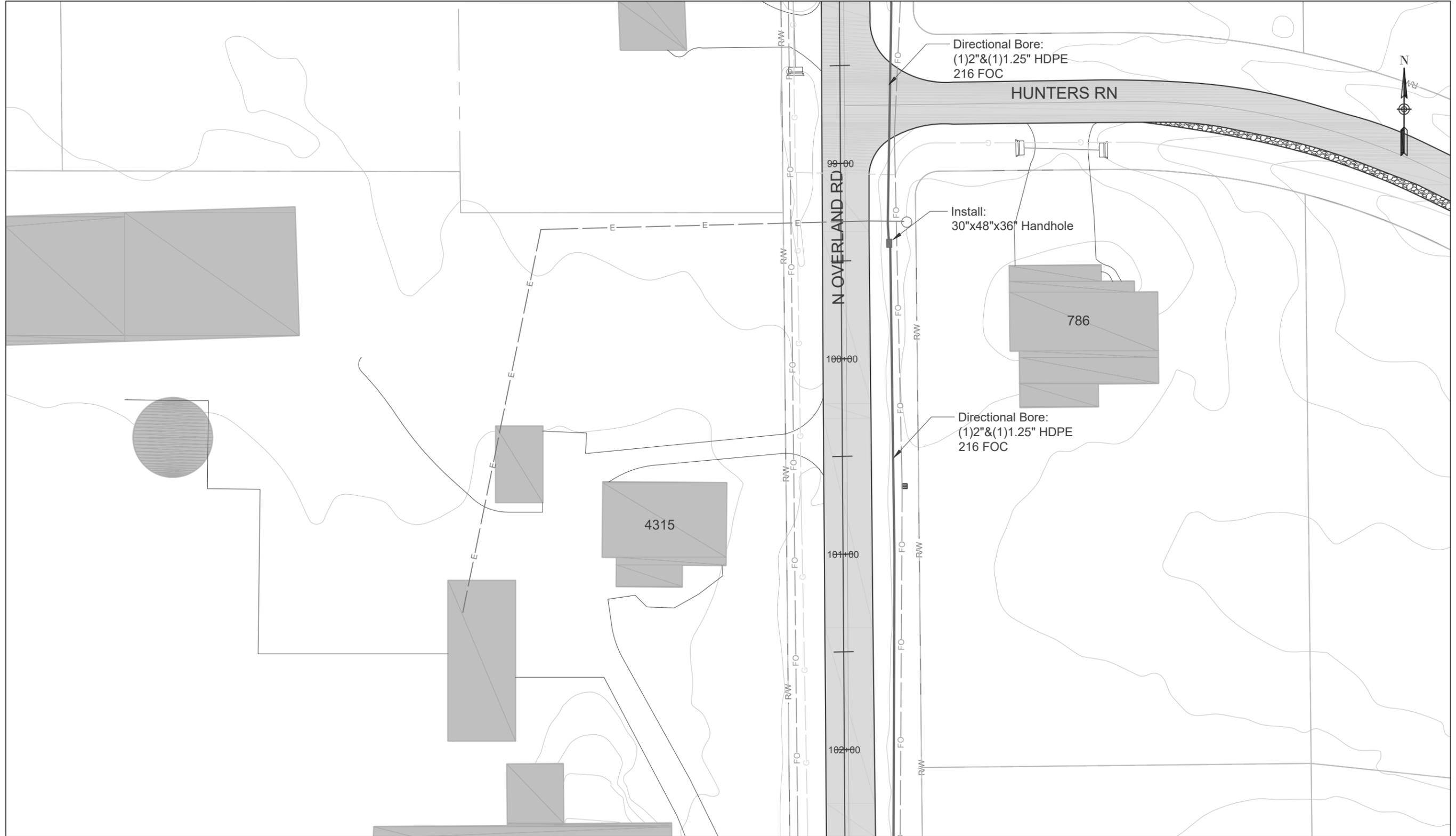
Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 76



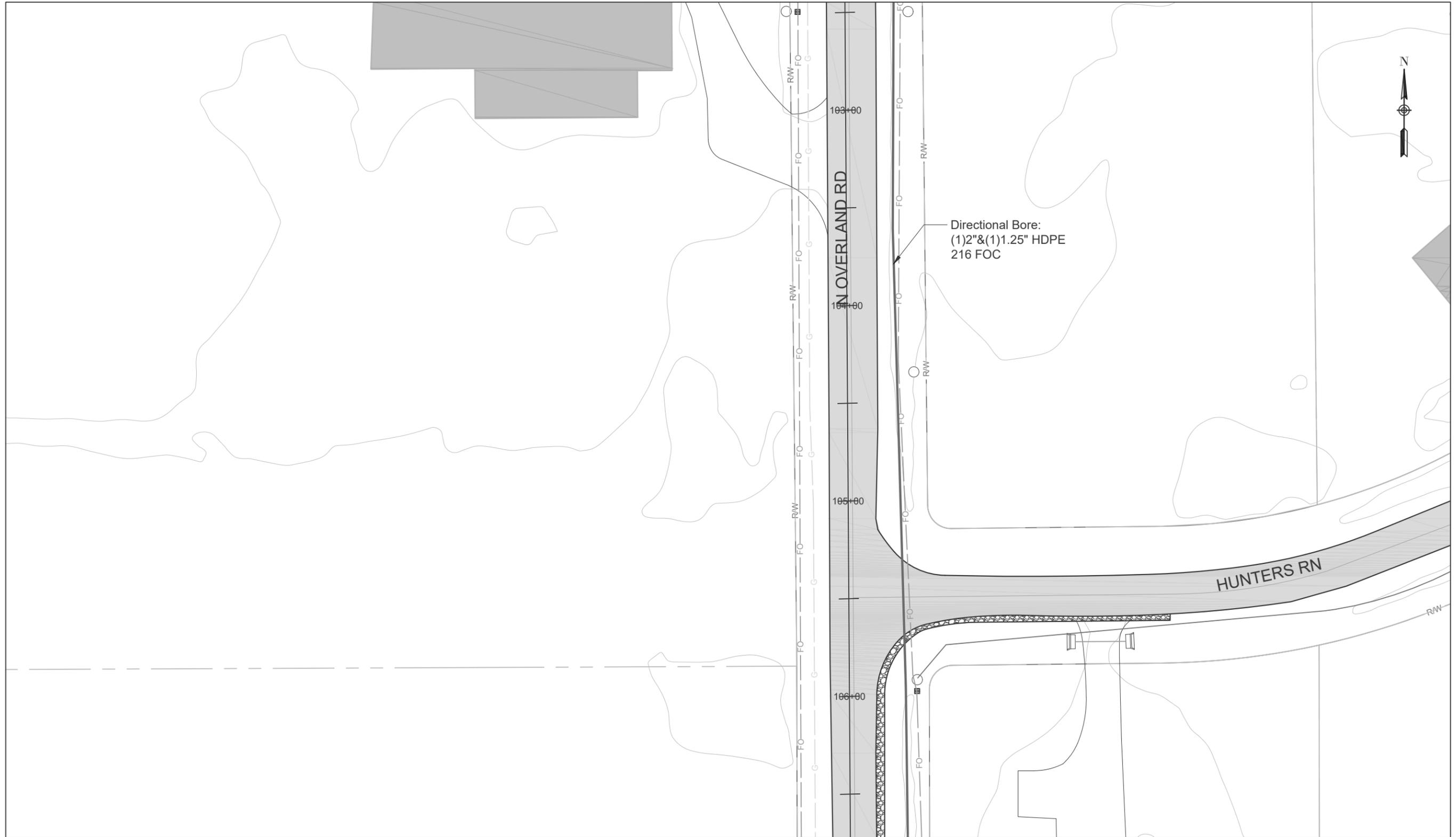
<u>Construction Labor units this page:</u>		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 77



Construction Labor units this page:		
Directional Bore: 425'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 425'	

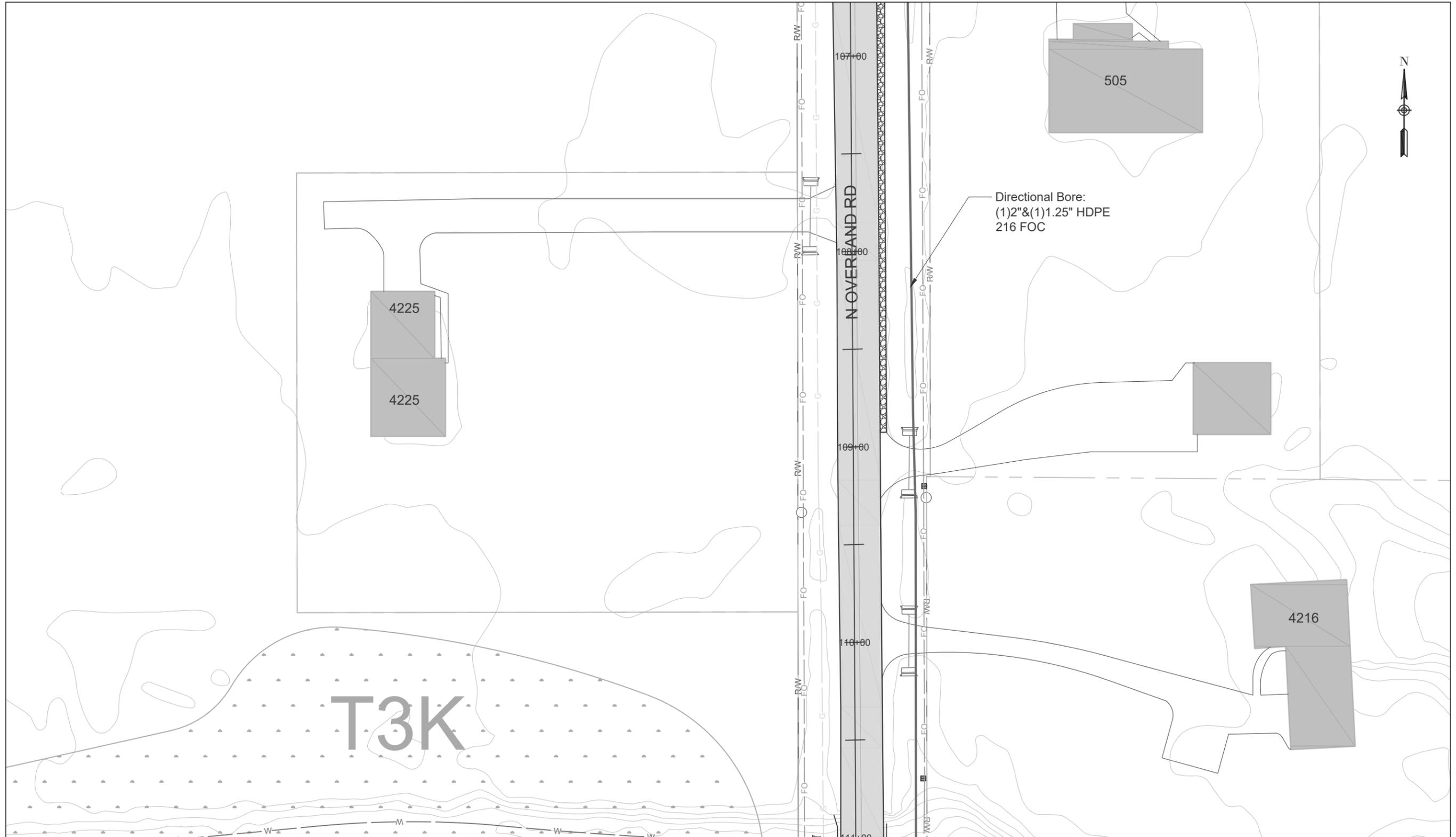
See Sheet 78



Directional Bore:
 (1)2" & (1)1.25" HDPE
 216 FOC

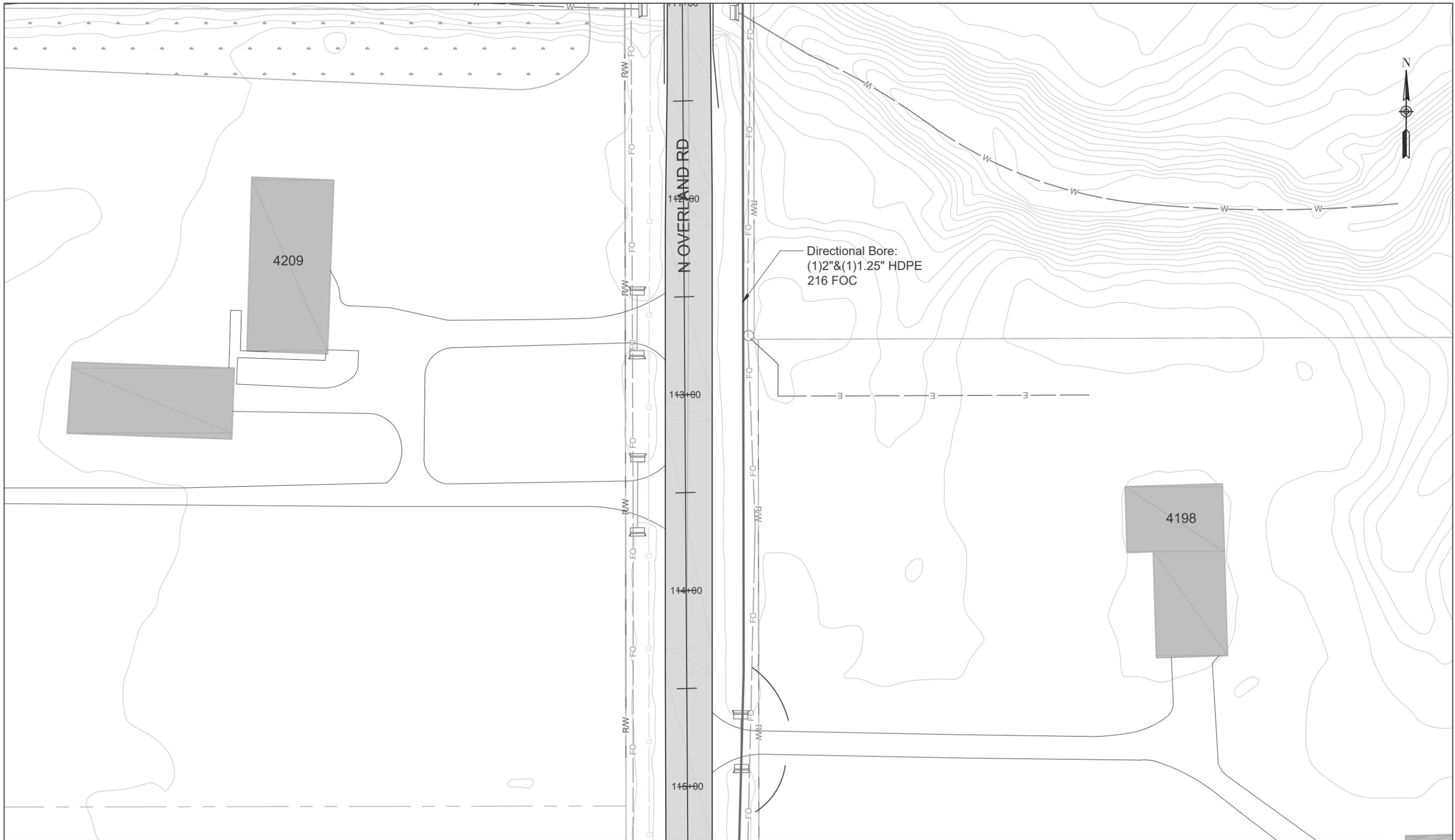
See Sheet 79

<u>Construction Labor units this page:</u>		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	



Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

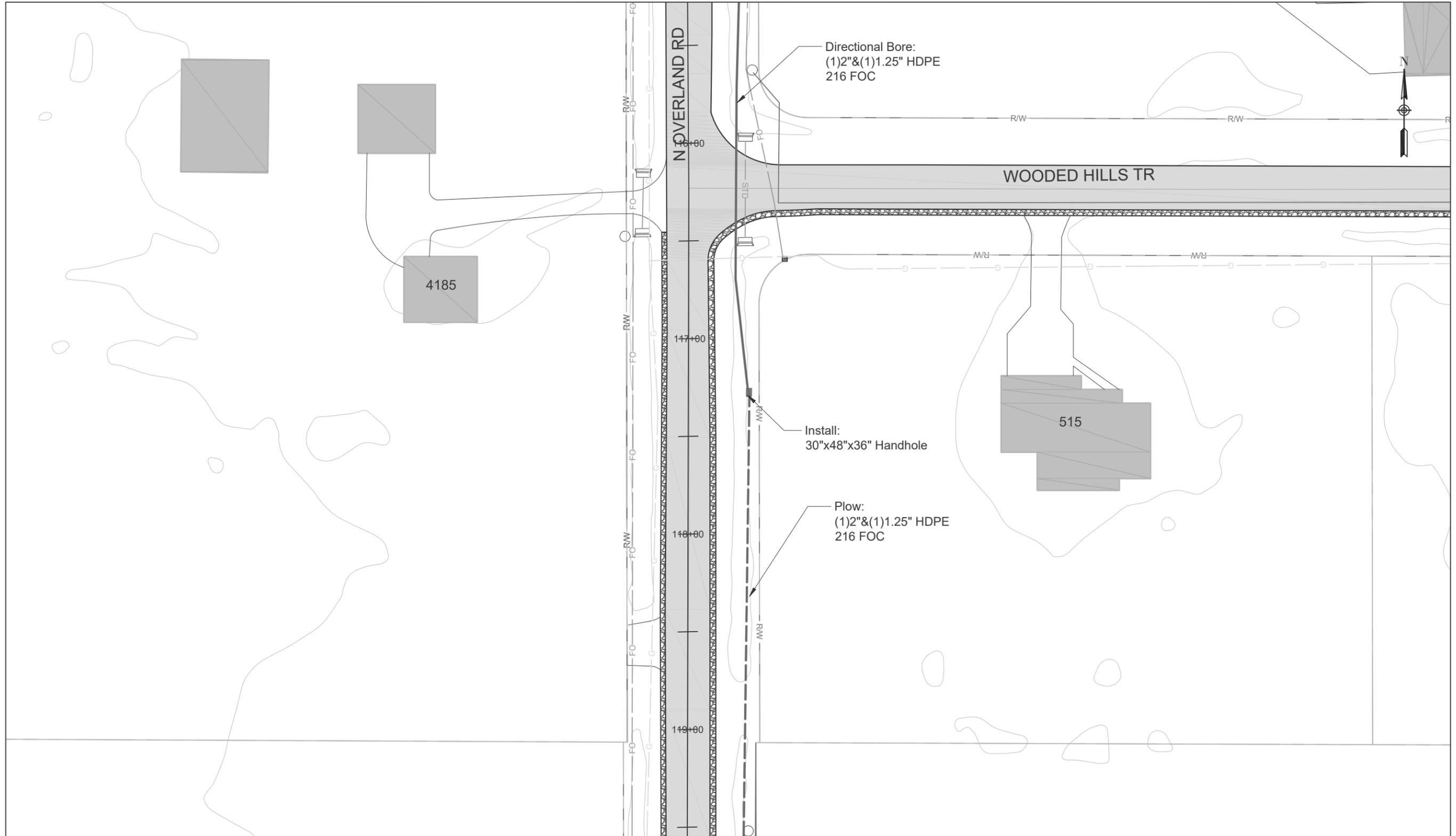
See Sheet 80



Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

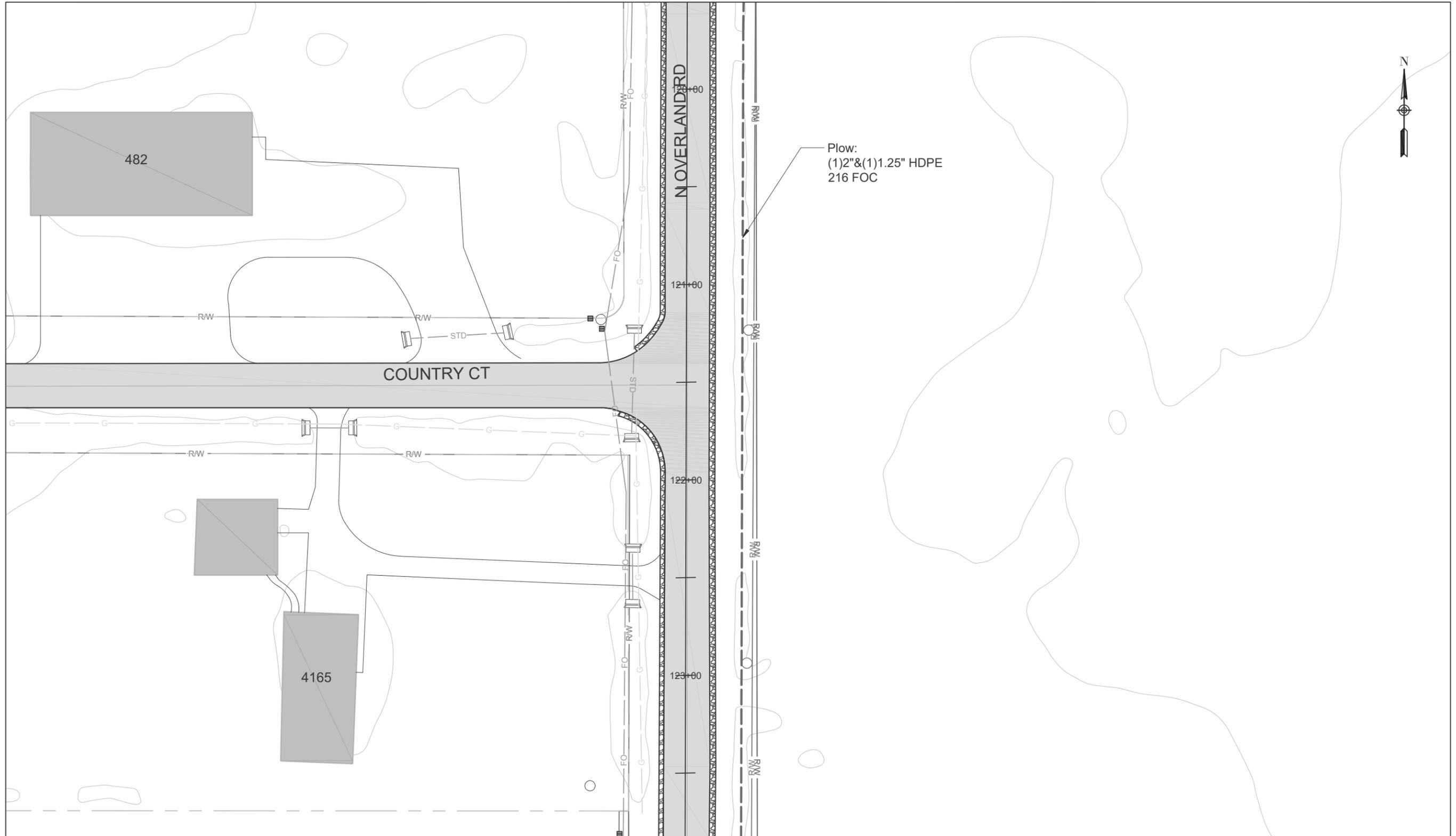
See Sheet 81

See Sheet 80



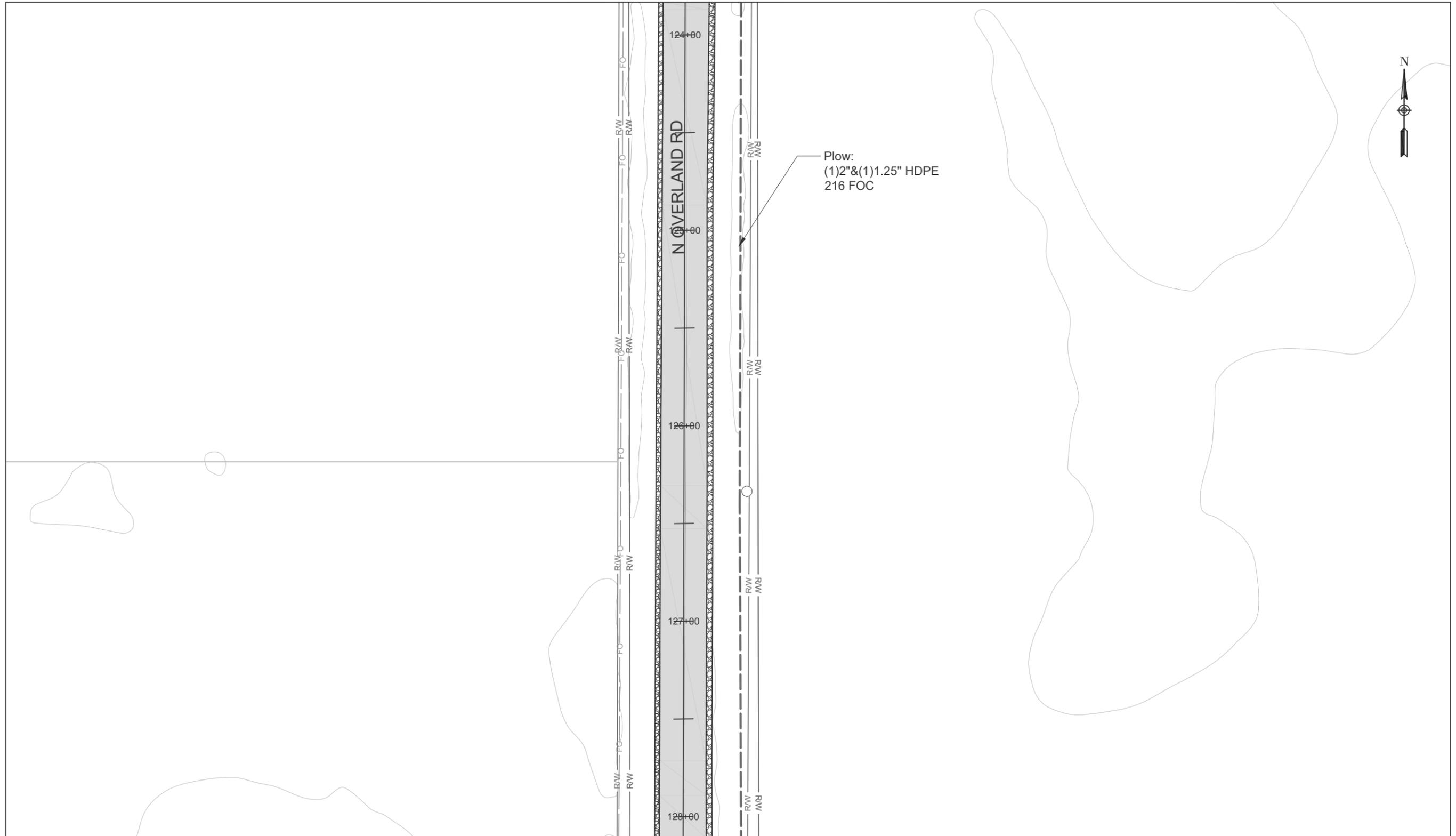
Construction Labor units this page:		
Directional Bore: 197'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 224'	

See Sheet 82



Construction Labor units this page:		
Directional Bore: 0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 427'	Place cable in duct: 427'	

See Sheet 83



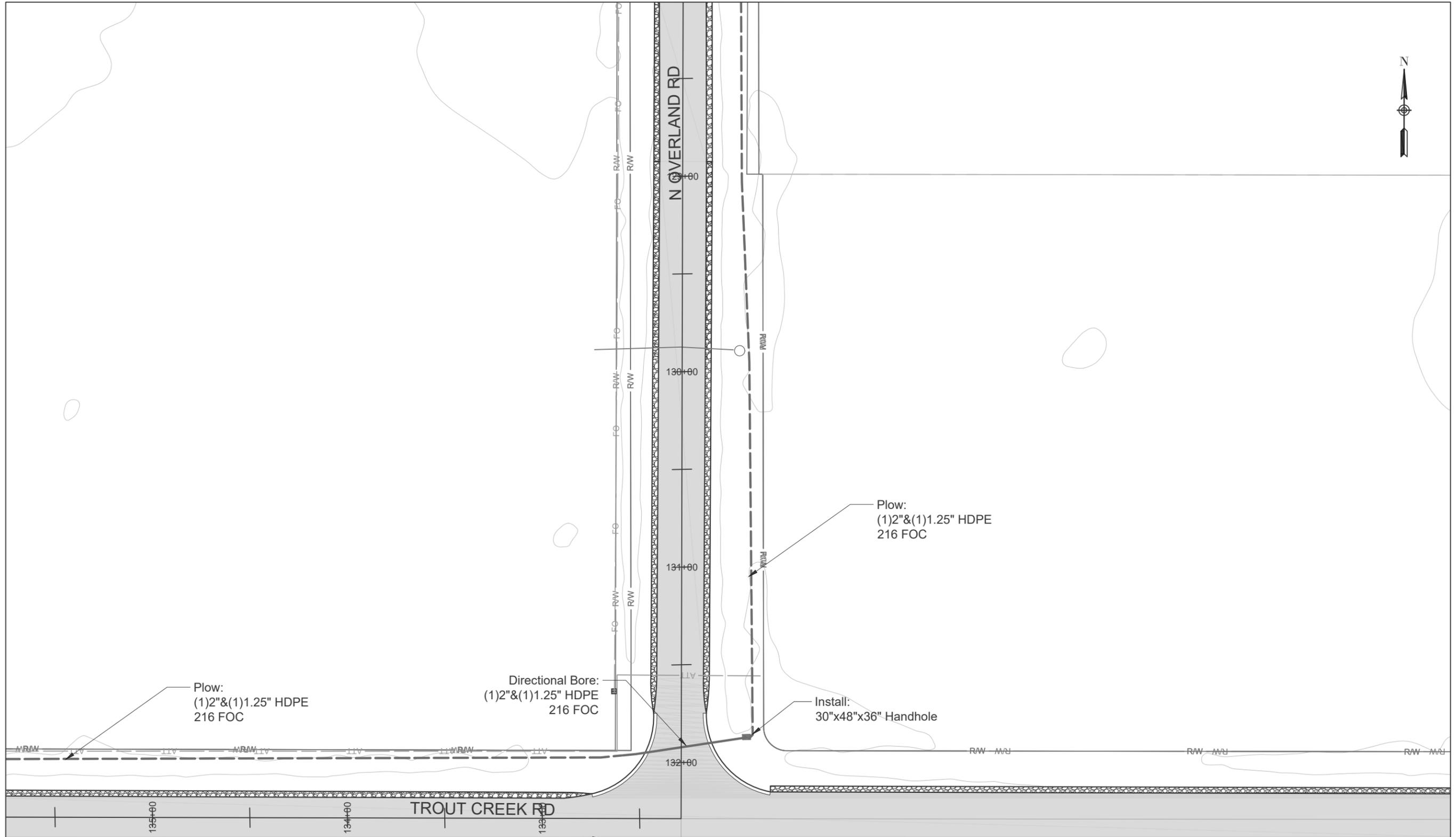
Plow:
 (1)2" & (1)1.25" HDPE
 216 FOC



<u>Construction Labor units this page:</u>		
Directional Bore: 0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 427'	Place cable in duct: 427'	

See Sheet 84

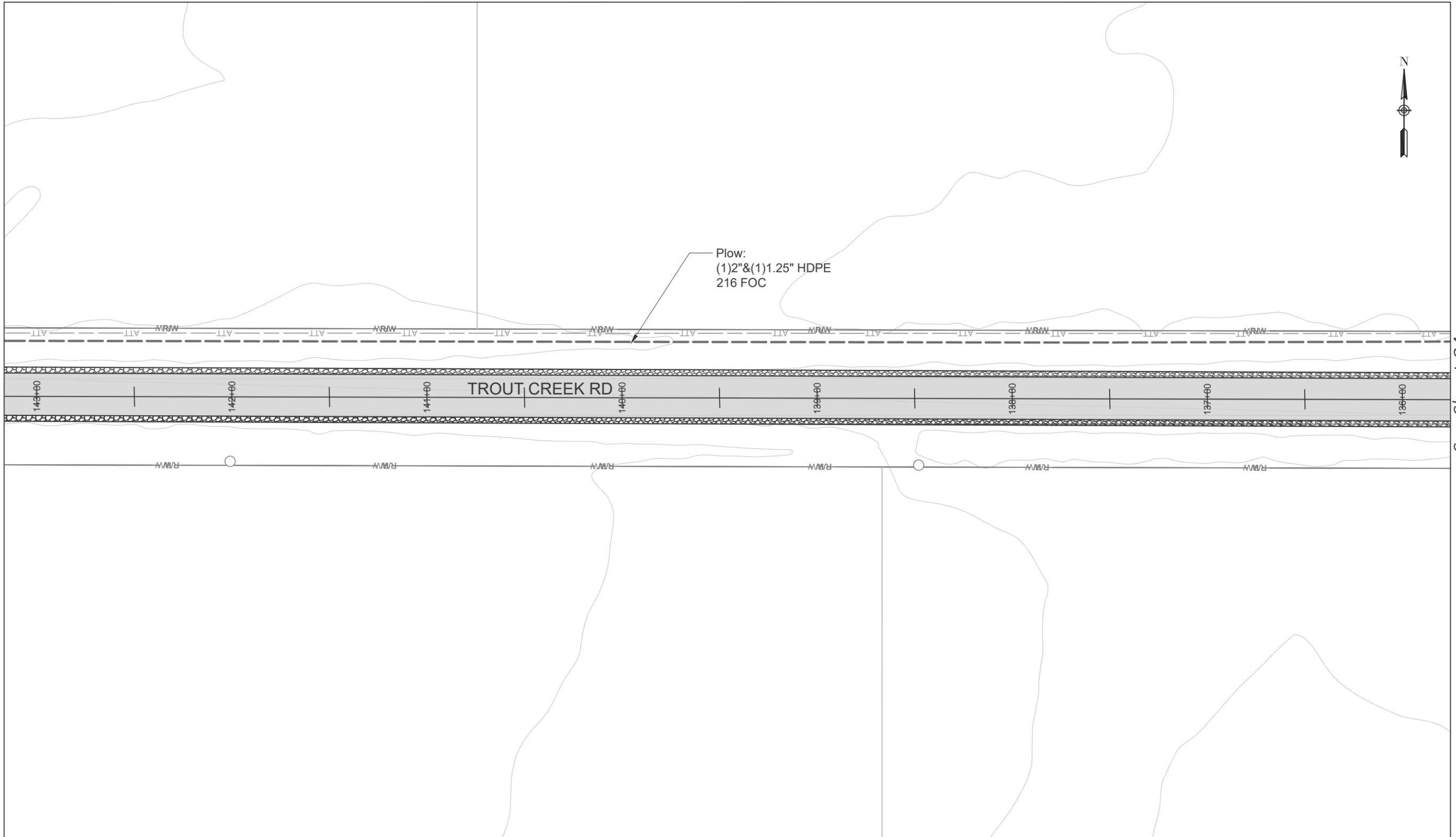
See Sheet 85



Construction Labor units this page:		
Directional Bore: 63'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 691'	Place cable in duct: 754'	

See Sheet 86

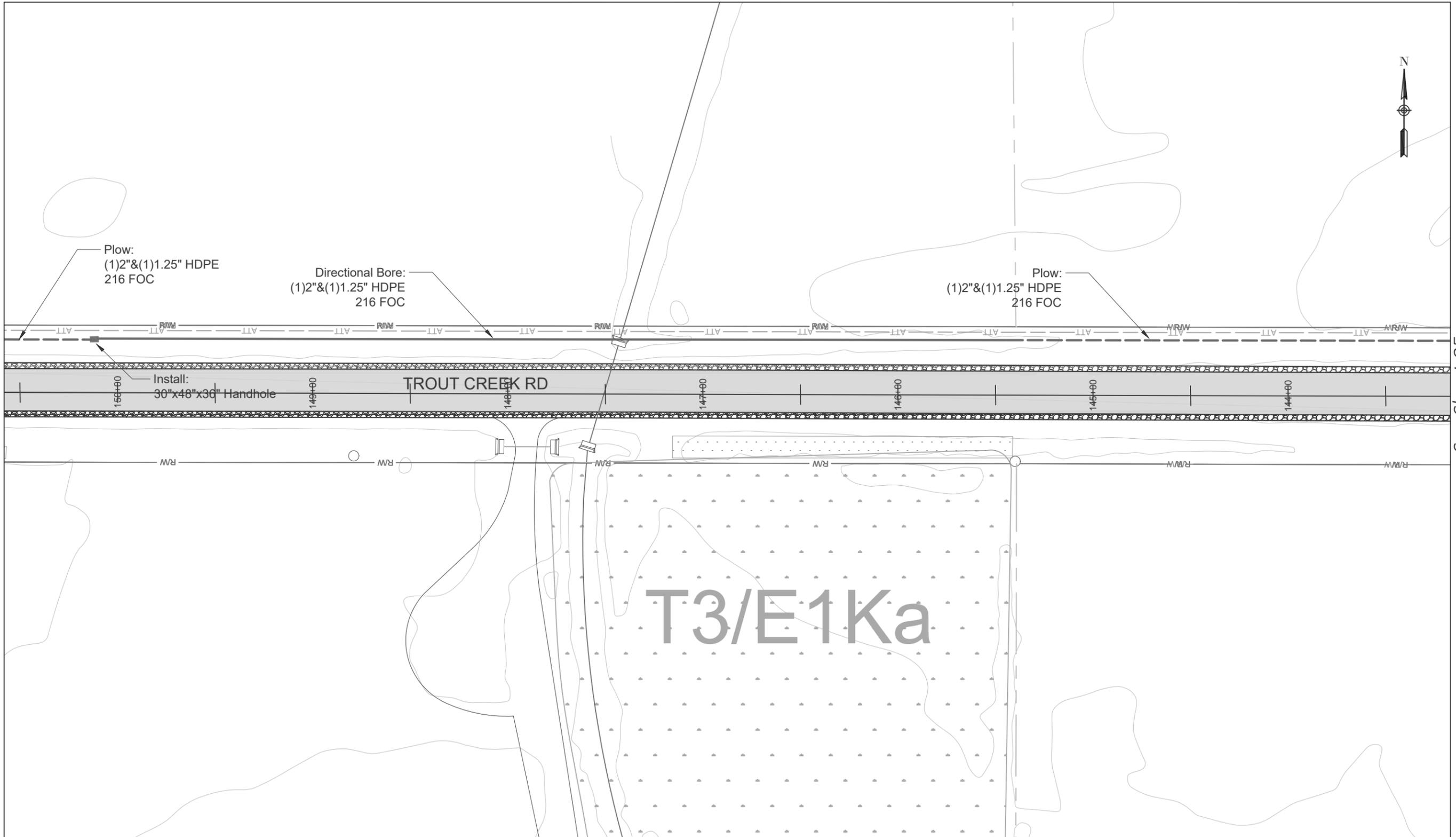
See Sheet 84



Construction Labor units this page:		
Directional Bore: 0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 740'	Place cable in duct: 74'	

See Sheet 87

See Sheet 85

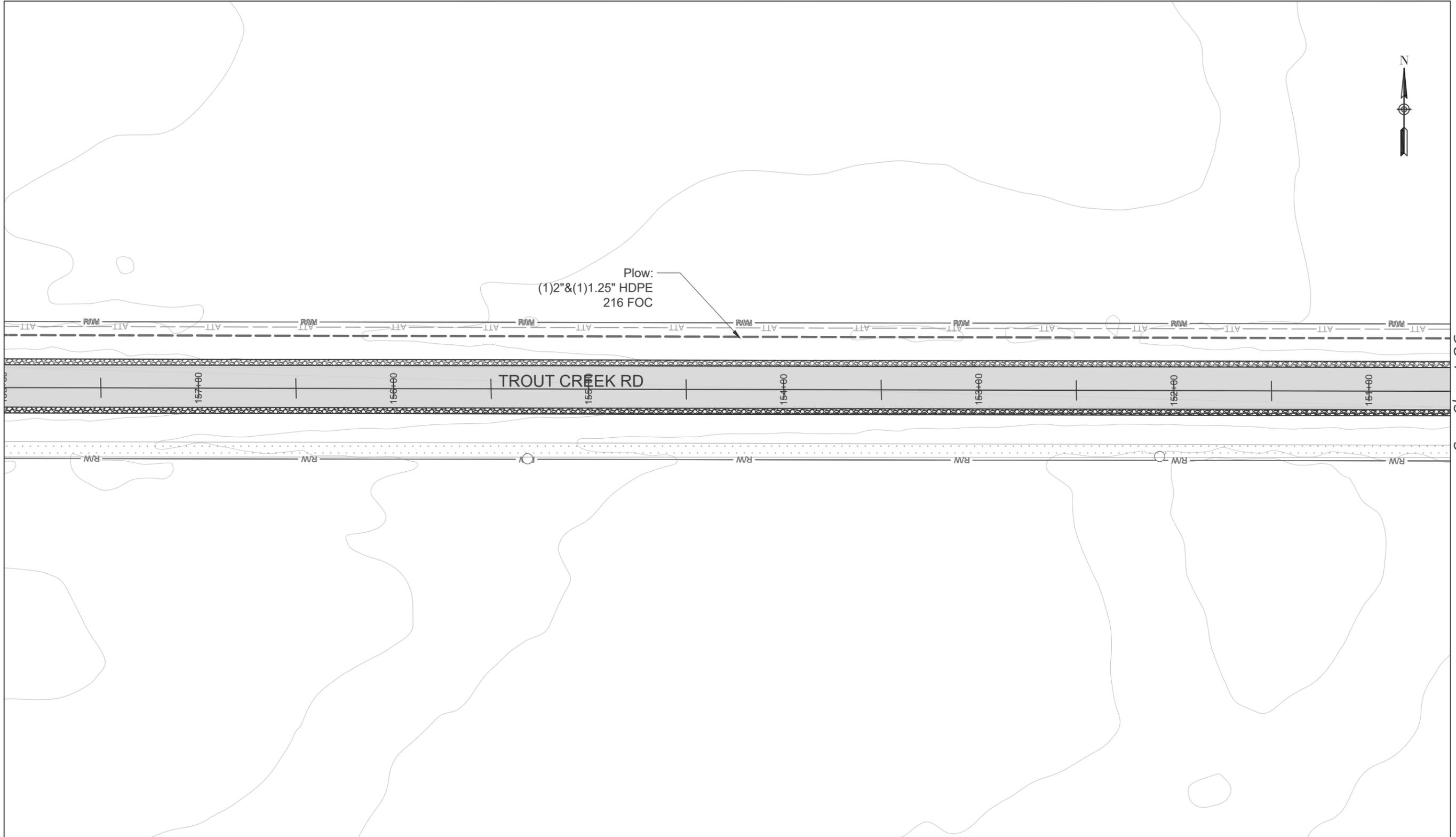


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Construction Labor units this page:		
Directional Bore: 465'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 263'	Place cable in duct: 728'	

See Sheet 88

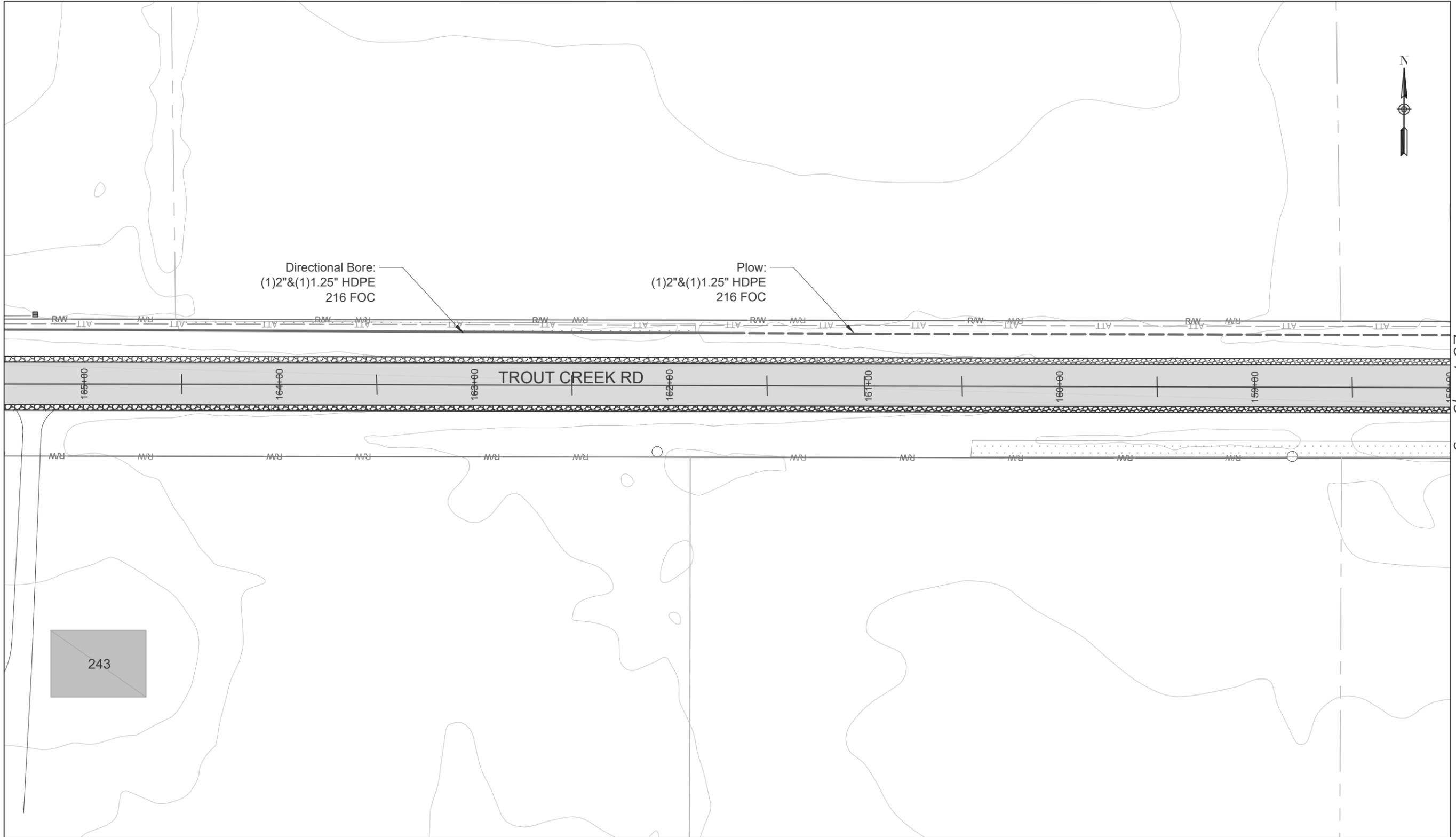
See Sheet 86



<u>Construction Labor units this page:</u>		
Directional Bore: 0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 740'	Place cable in duct: 740'	

See Sheet 89

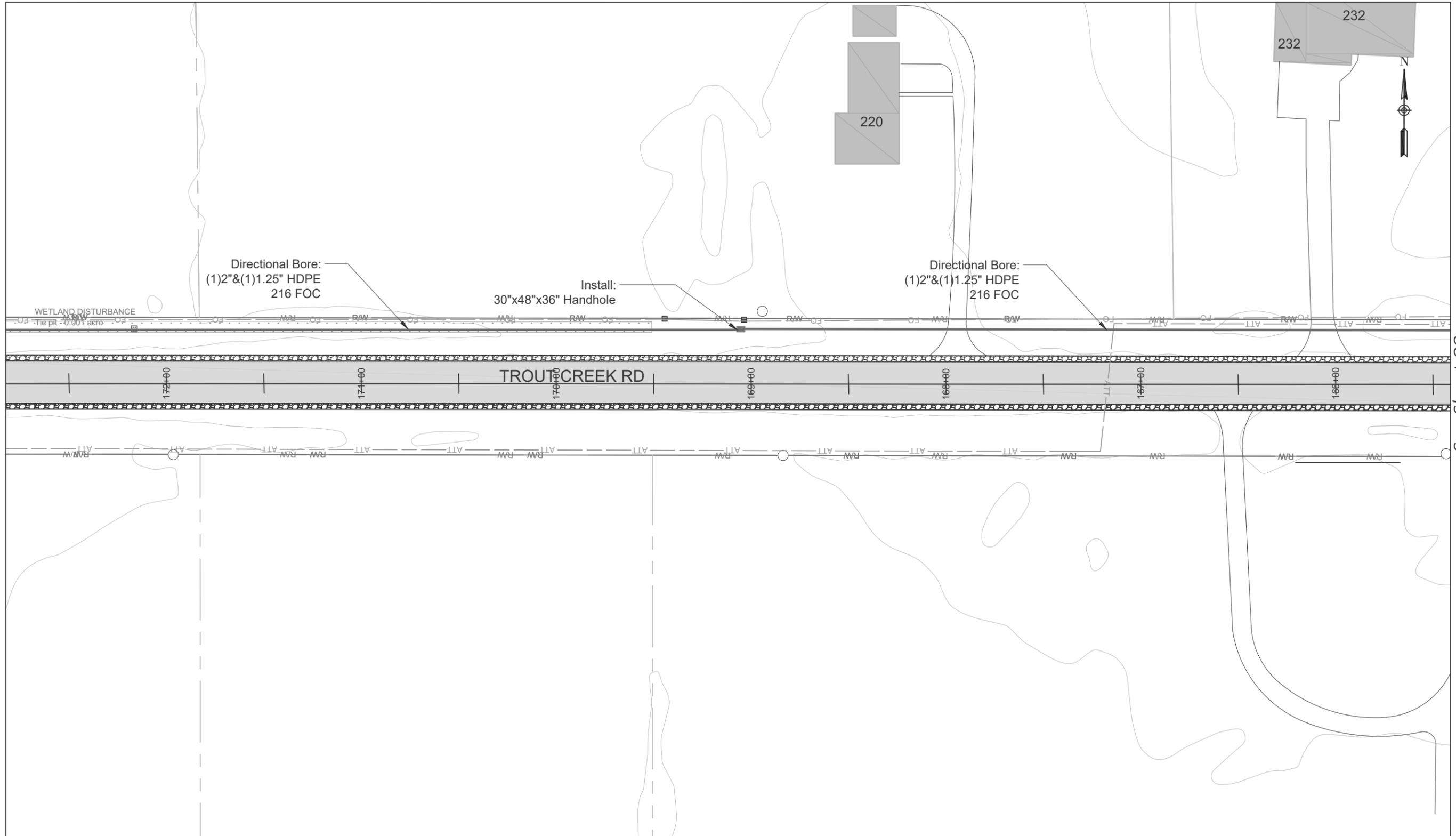
See Sheet 87



<u>Construction Labor units this page:</u>		
Directional Bore: 370'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 369'	Place cable in duct: 739'	

See Sheet 90

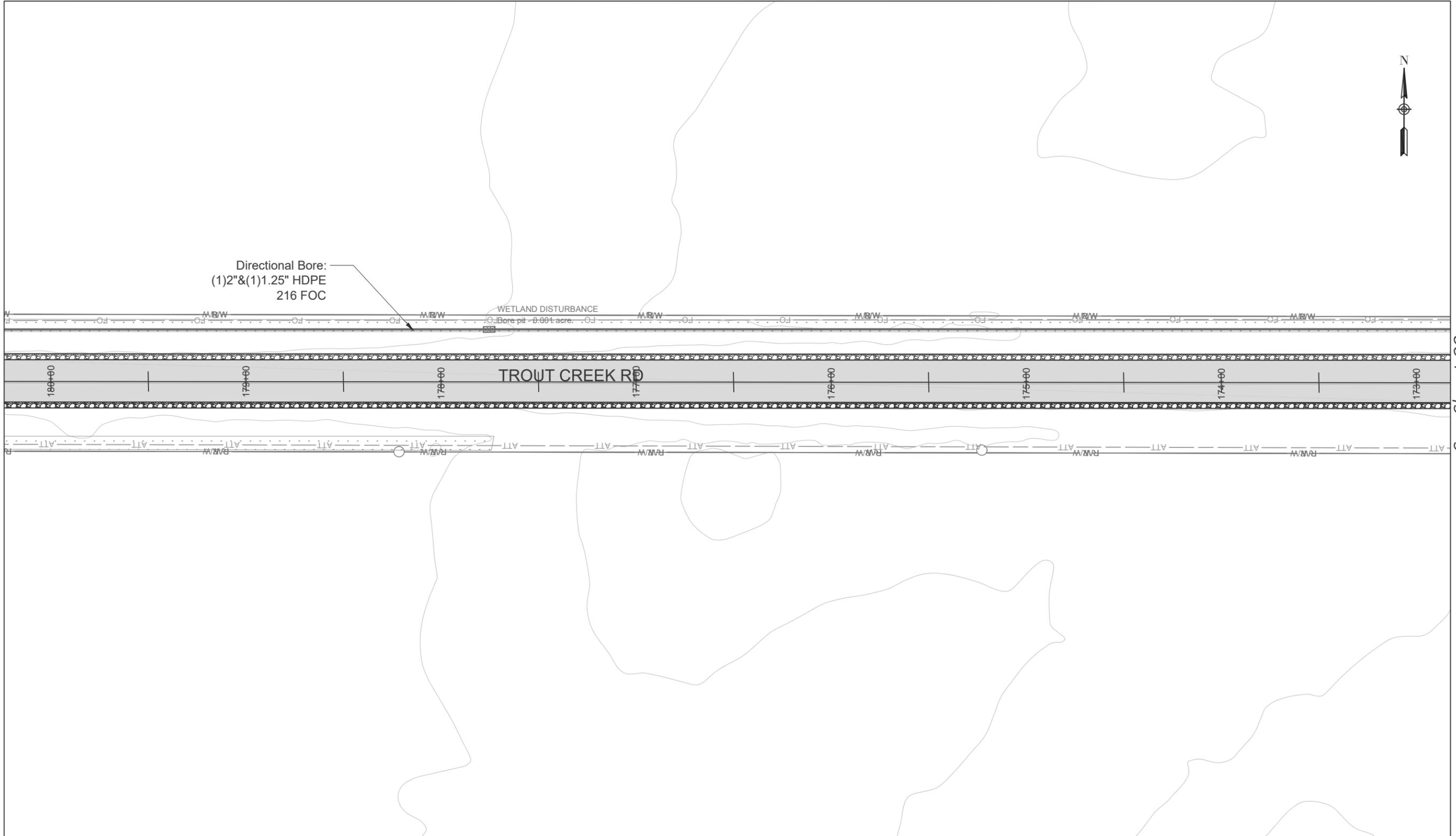
See Sheet 88



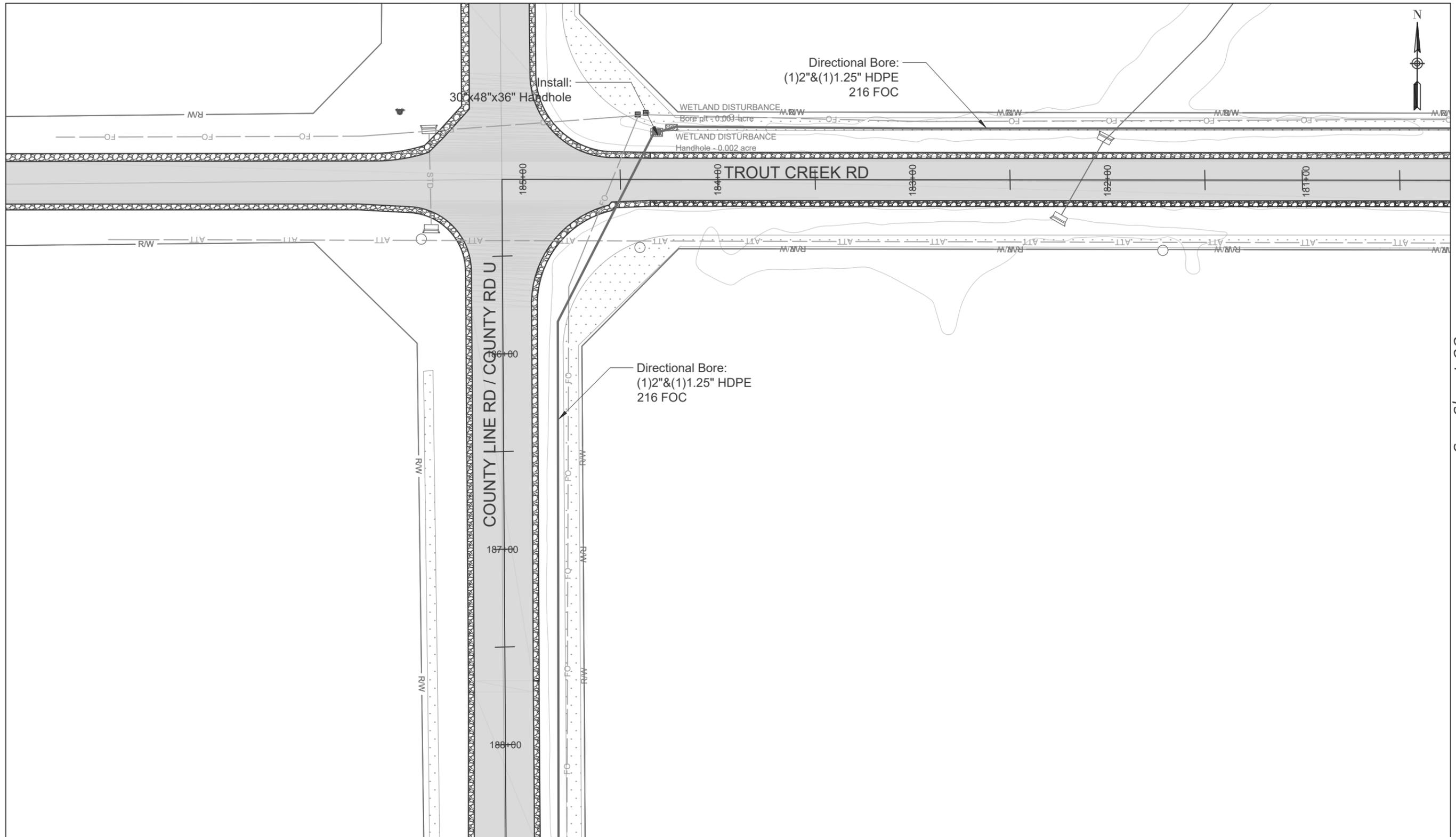
Construction Labor units this page:		
Directional Bore: 738	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 738'	

See Sheet 91

See Sheet 89



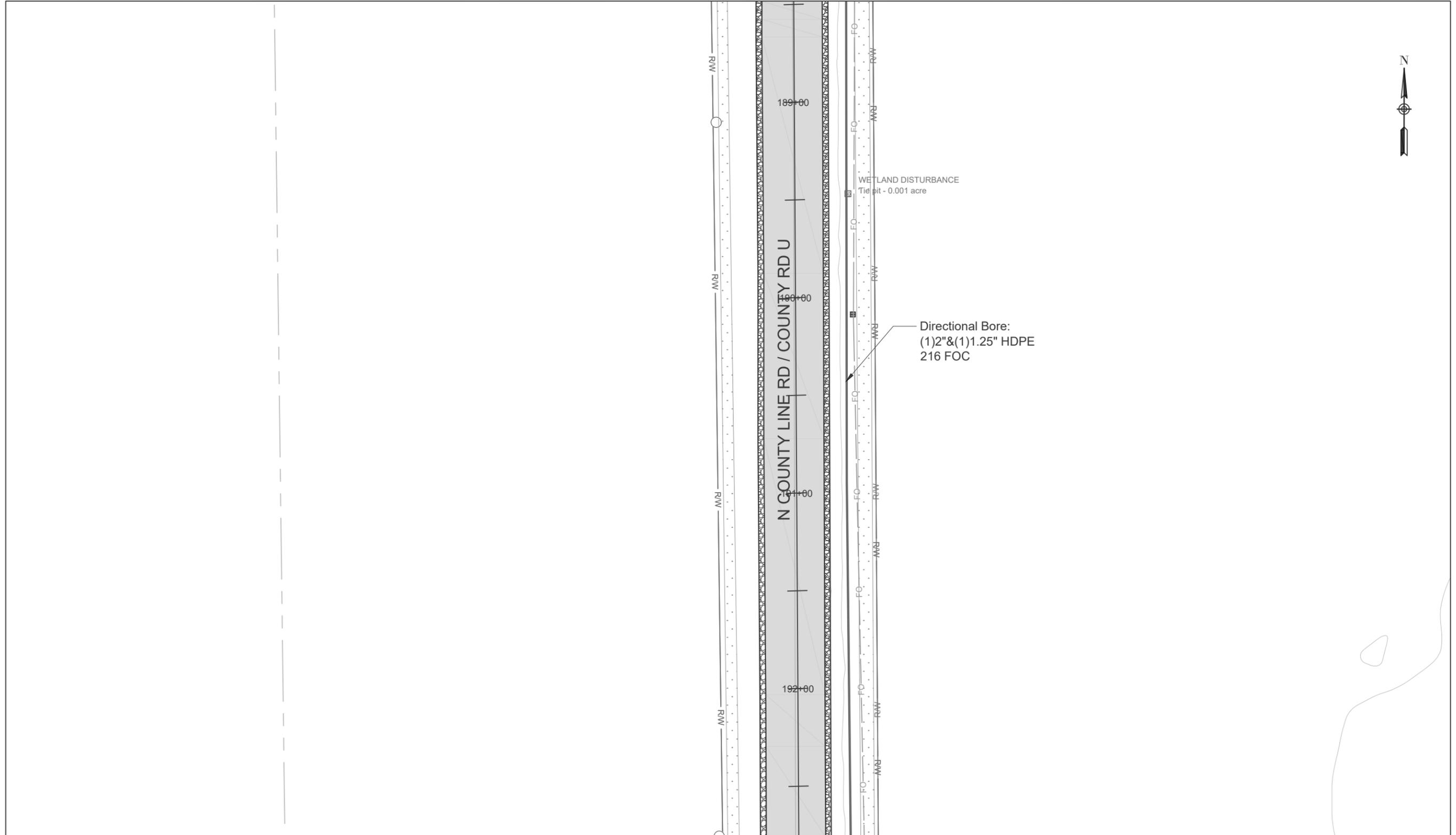
Construction Labor units this page:		
Directional Bore: 740'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 740'	



See Sheet 90

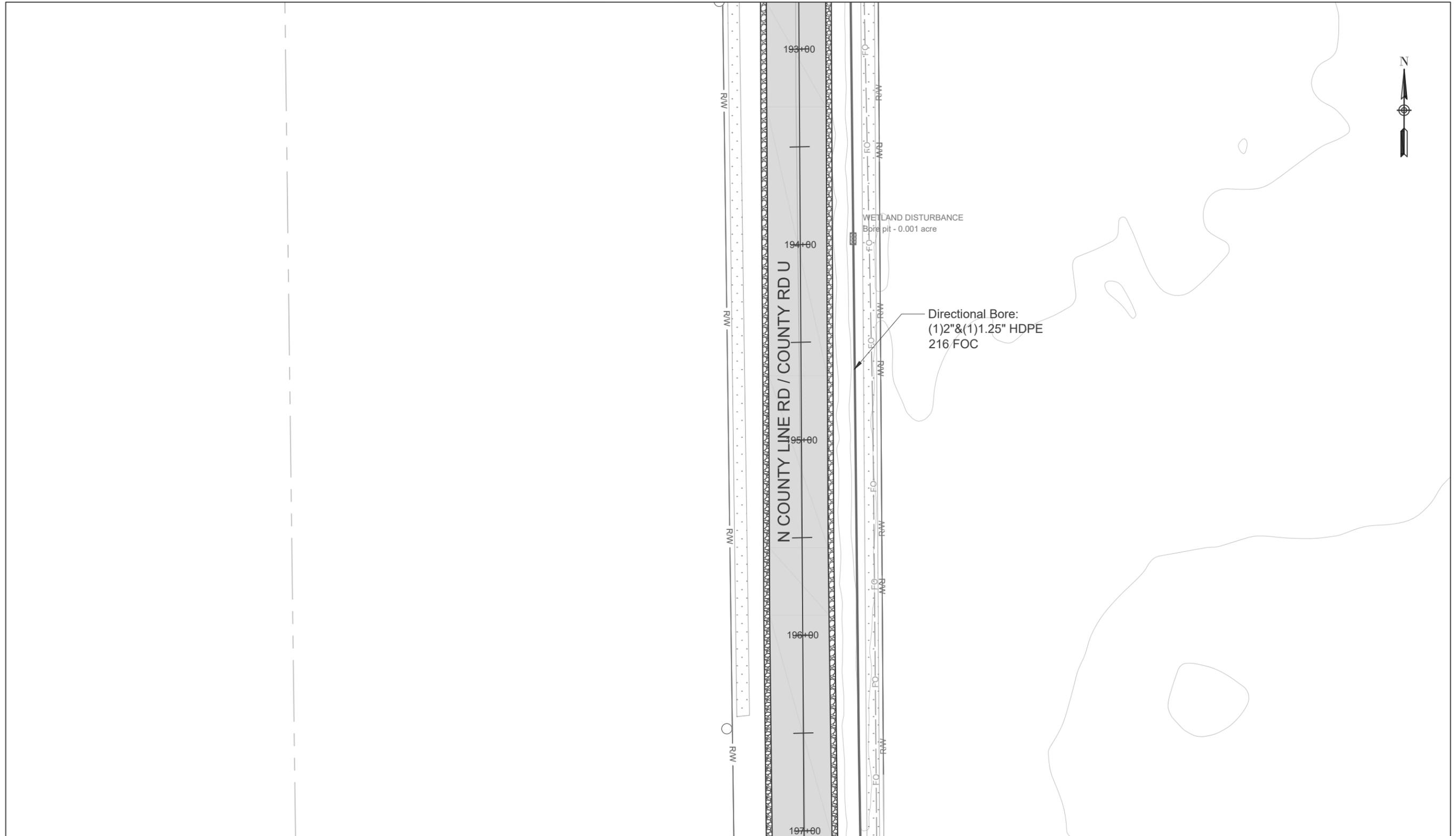
Construction Labor units this page:		
Directional Bore: 779'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 779'	

See Sheet 92



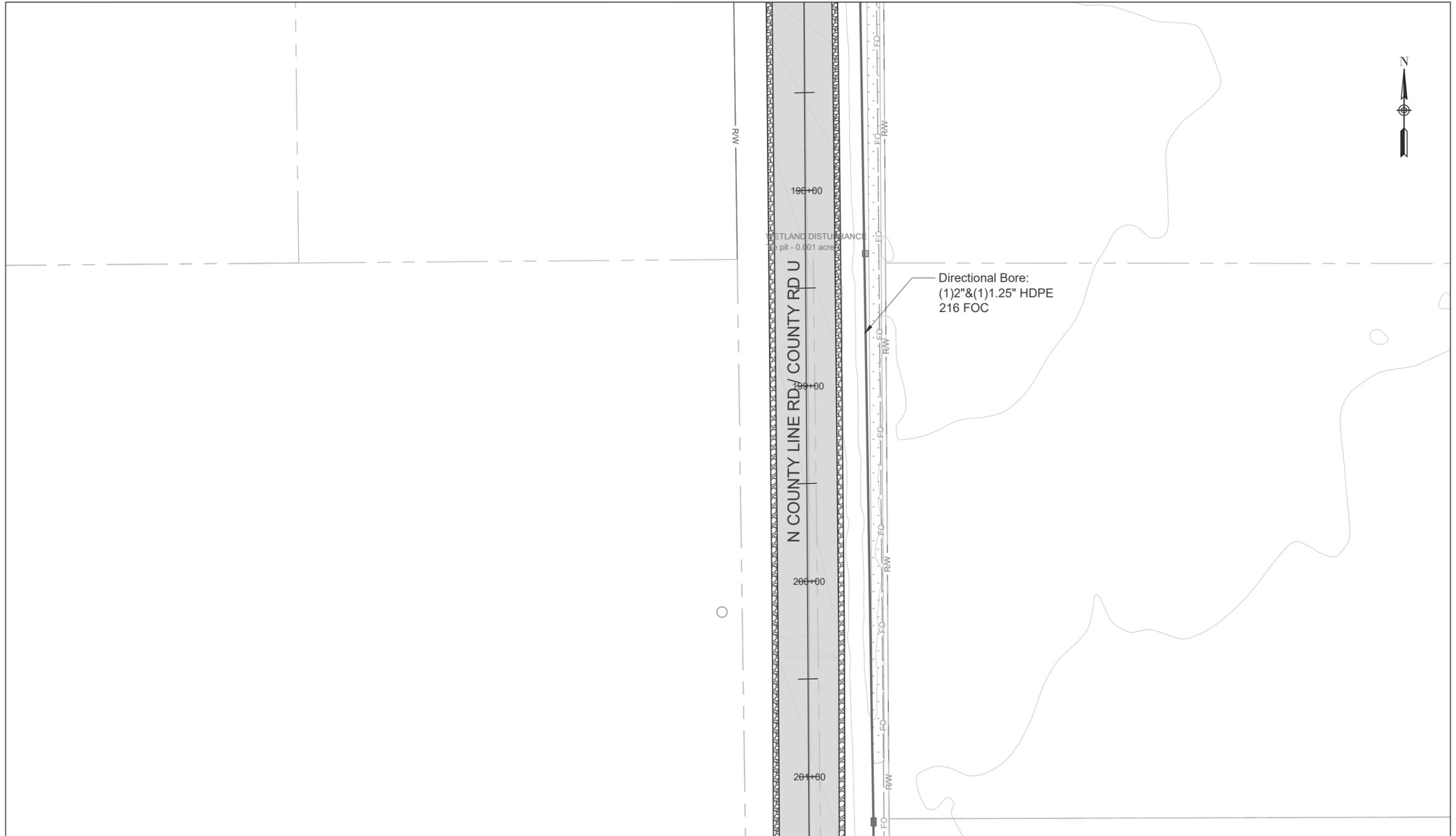
Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 93



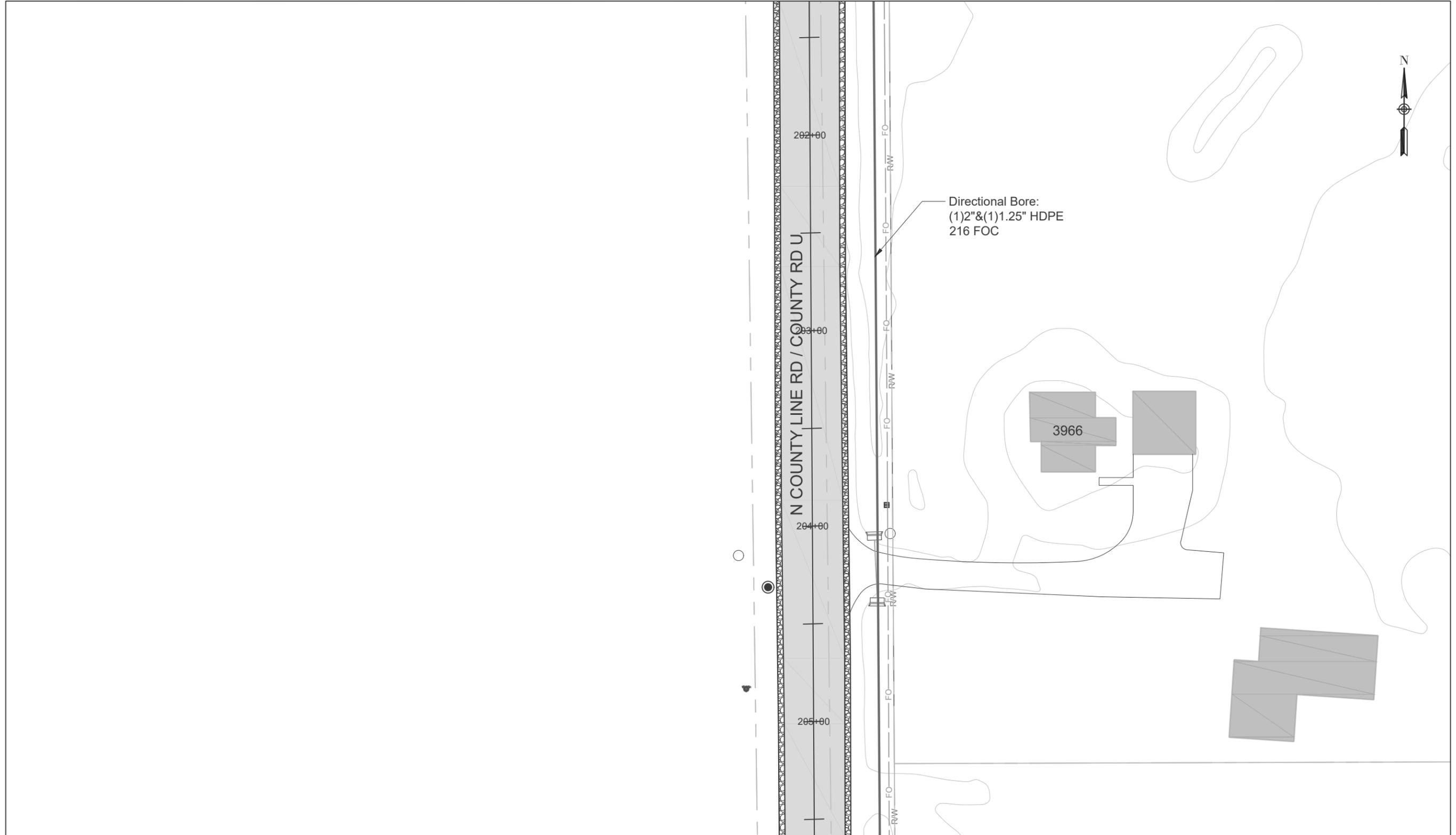
Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 94



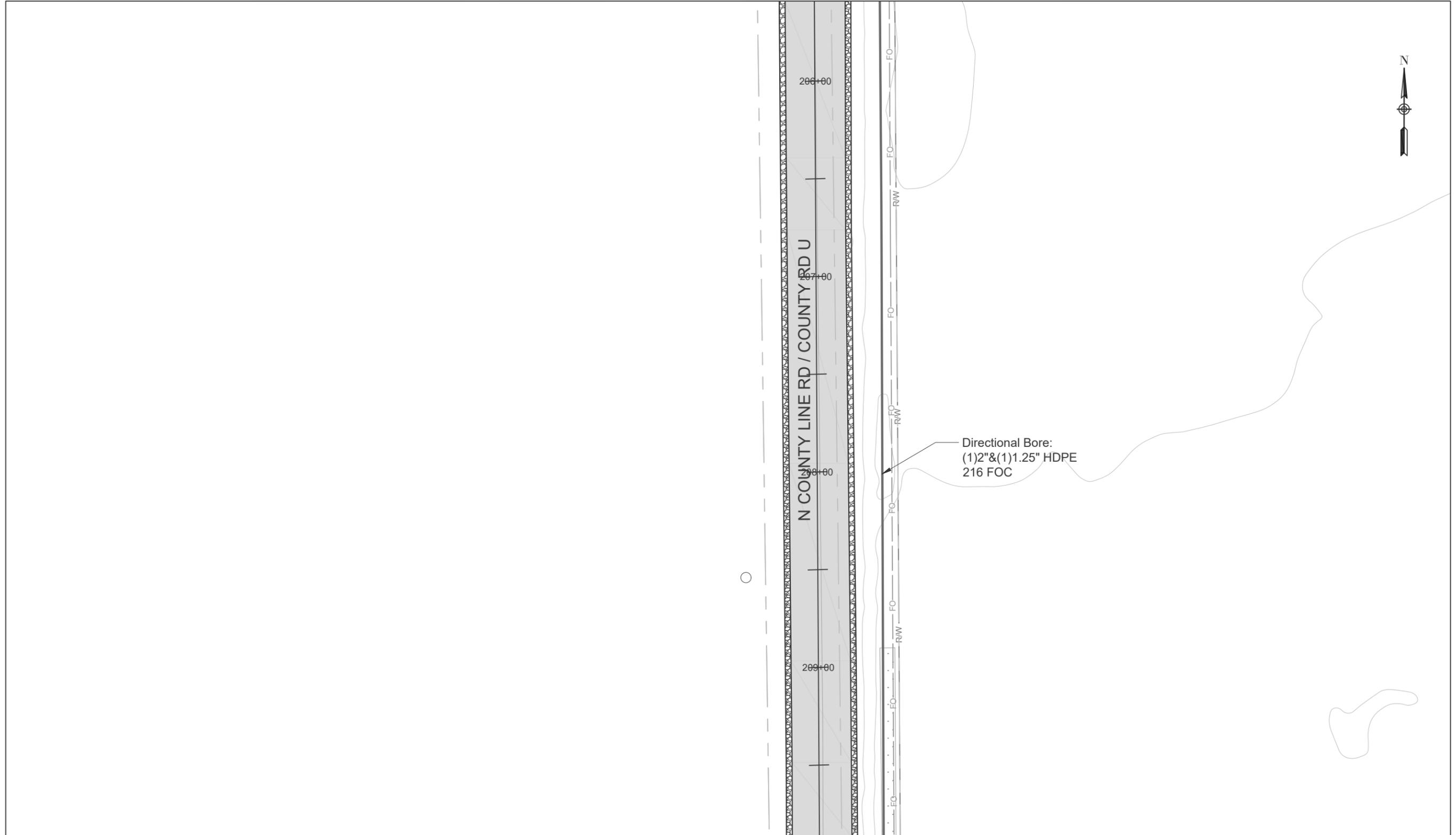
<u>Construction Labor units this page:</u>		
Directional Bore: 425'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 425'	

See Sheet 95



<u>Construction Labor units this page:</u>		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

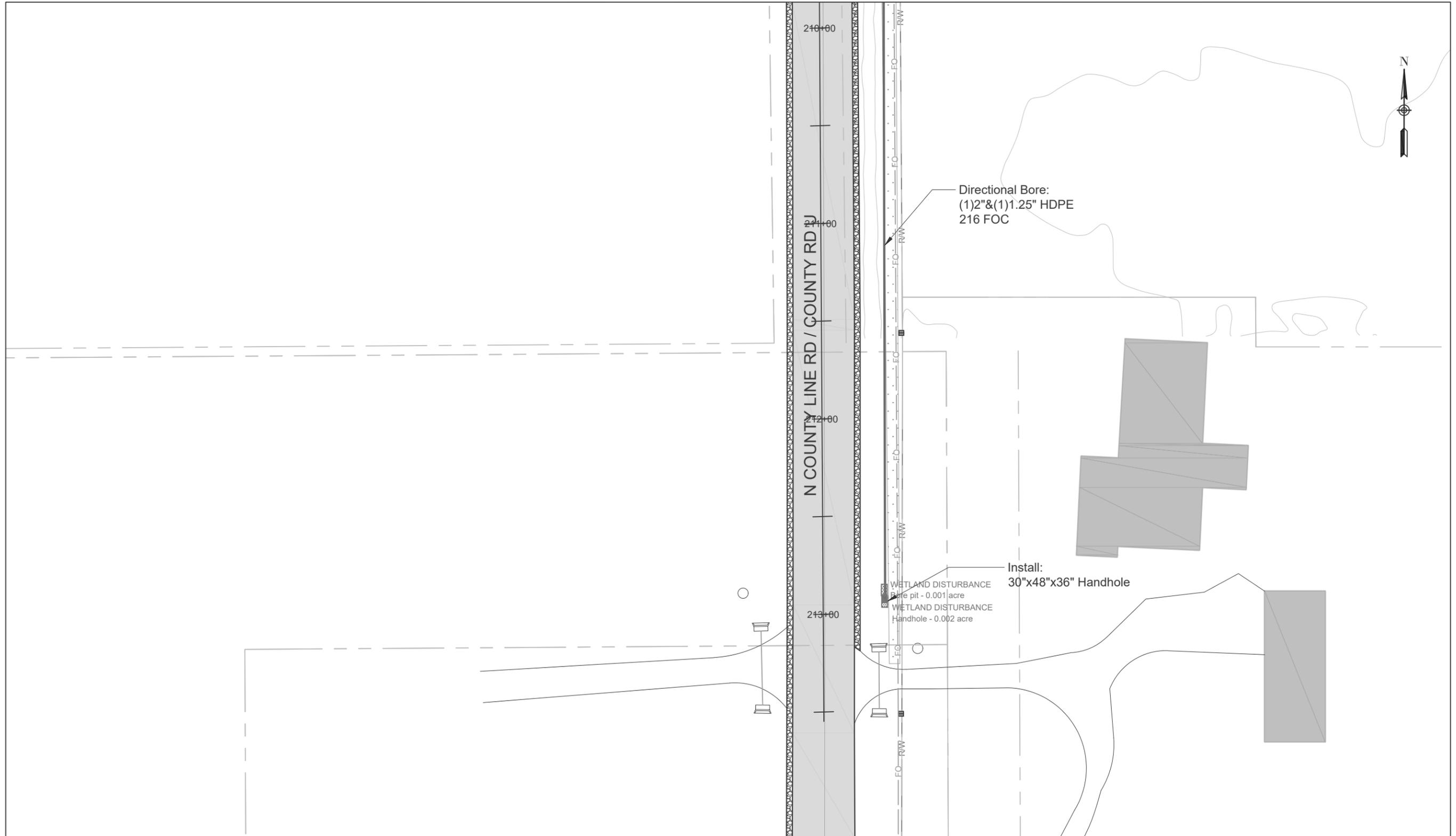
See Sheet 96



Directional Bore:
 (1)2" & (1)1.25" HDPE
 216 FOC

See Sheet 97

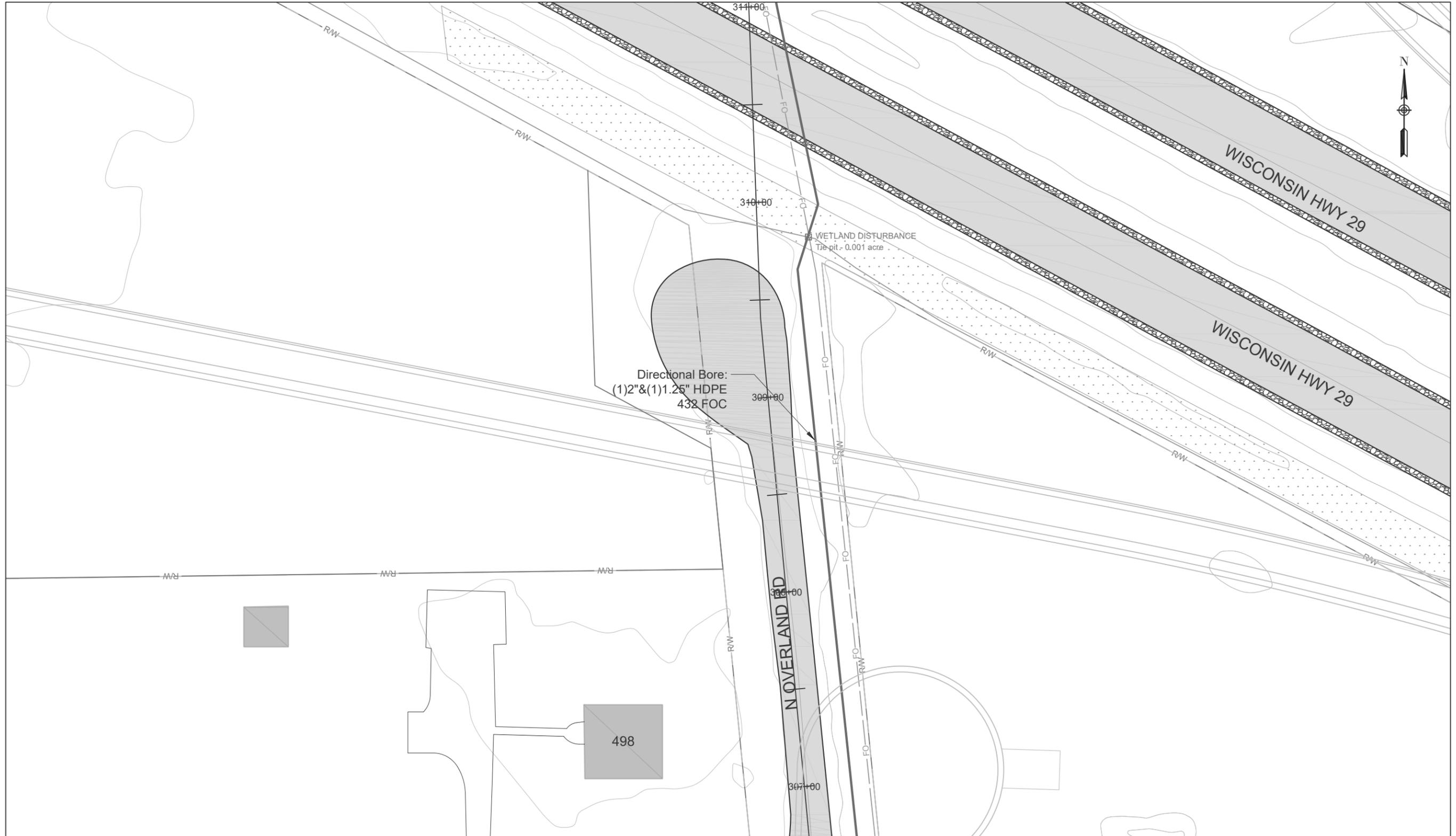
<u>Construction Labor units this page:</u>		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	



Construction Labor units this page:		
Directional Bore: 302'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 302'	

Print numbering continues with Print 98 at the intersection of Overland Road and STH29/32.

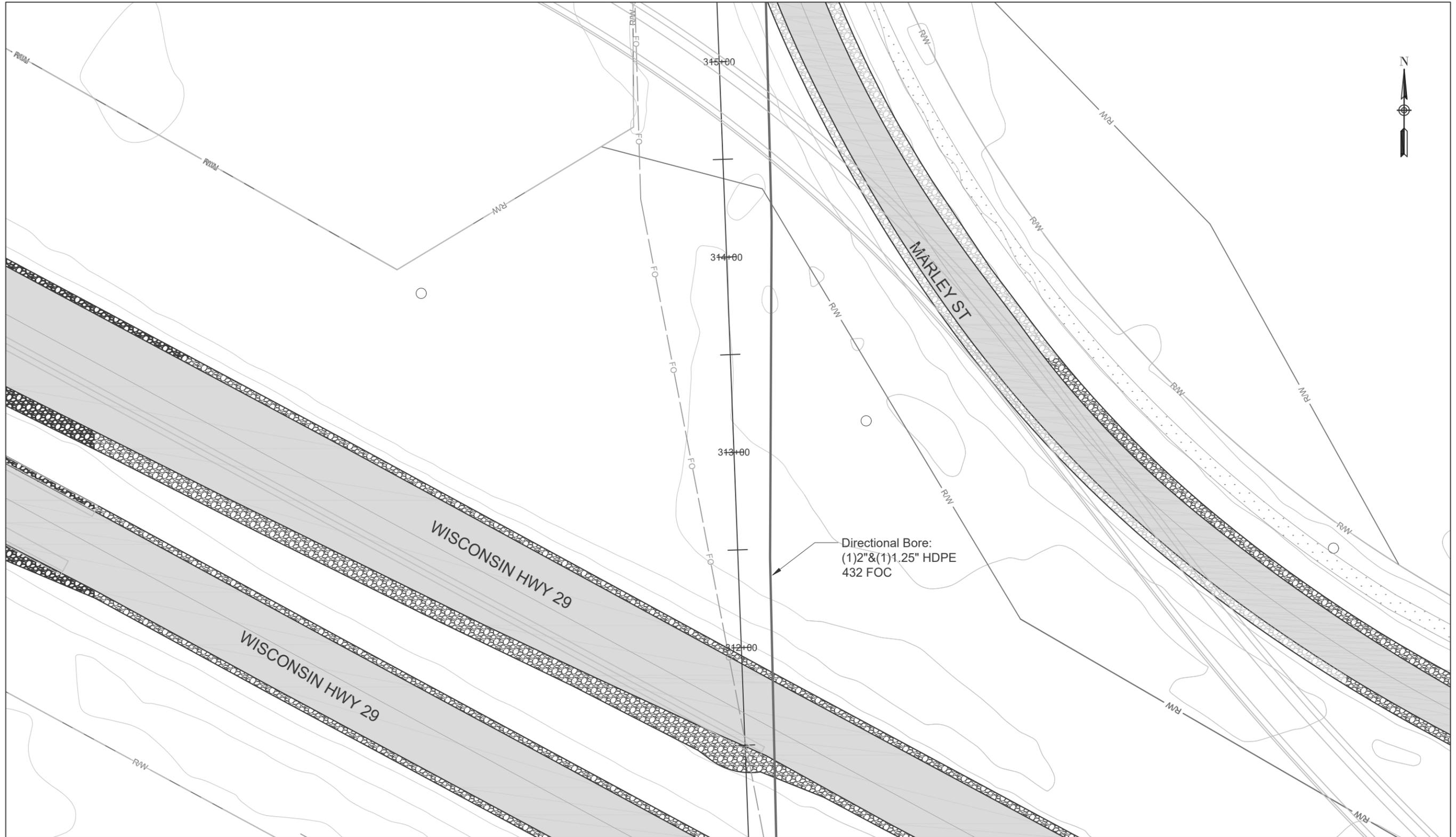
See Sheet 99



See Sheet 54

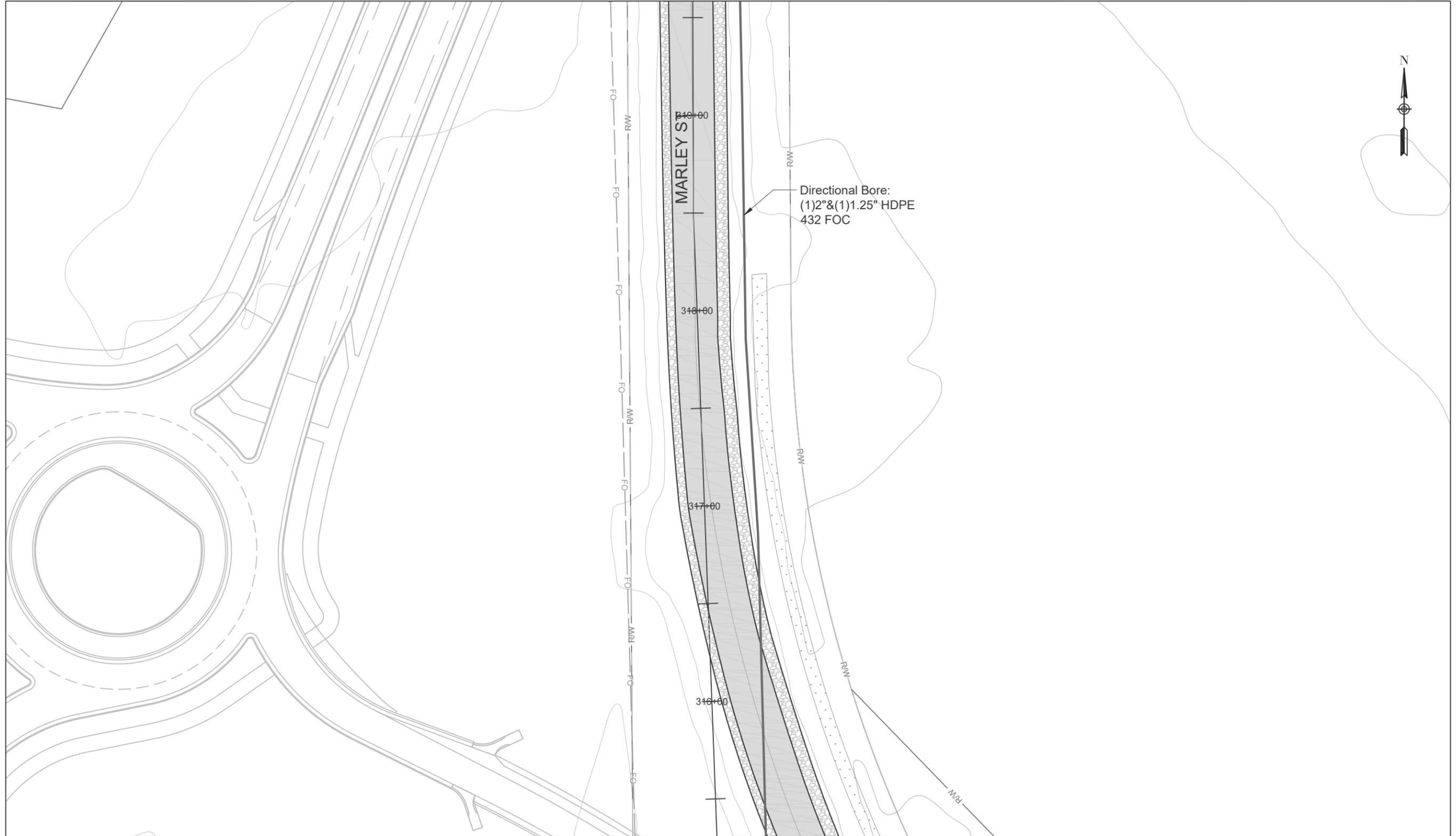
Construction Labor units this page:		
Directional Bore: 431'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 431'	

See Sheet 100



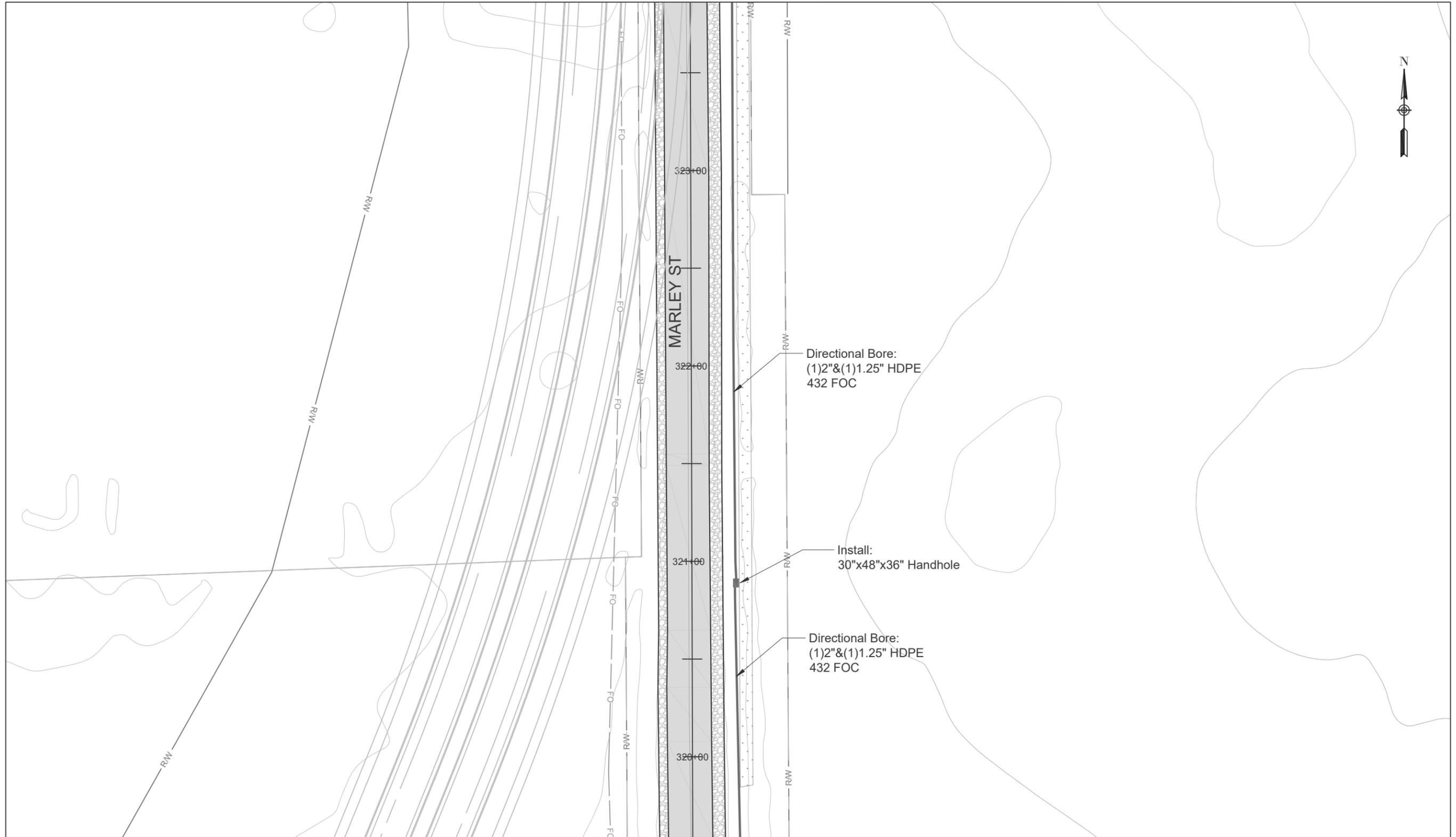
See Sheet 98

Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	



Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

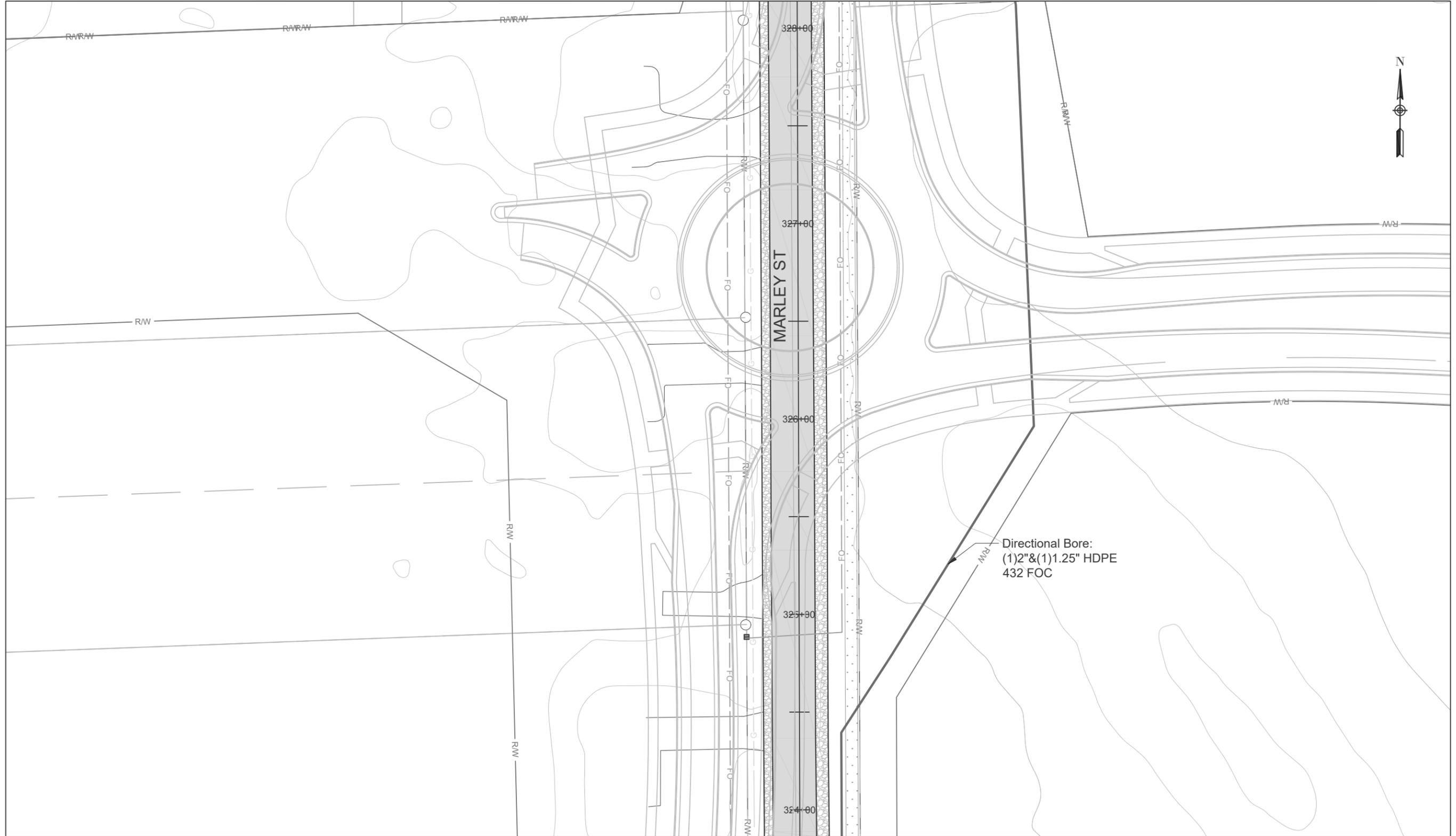
See Sheet 99



<u>Construction Labor units this page:</u>		
Directional Bore: 427'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 427'	

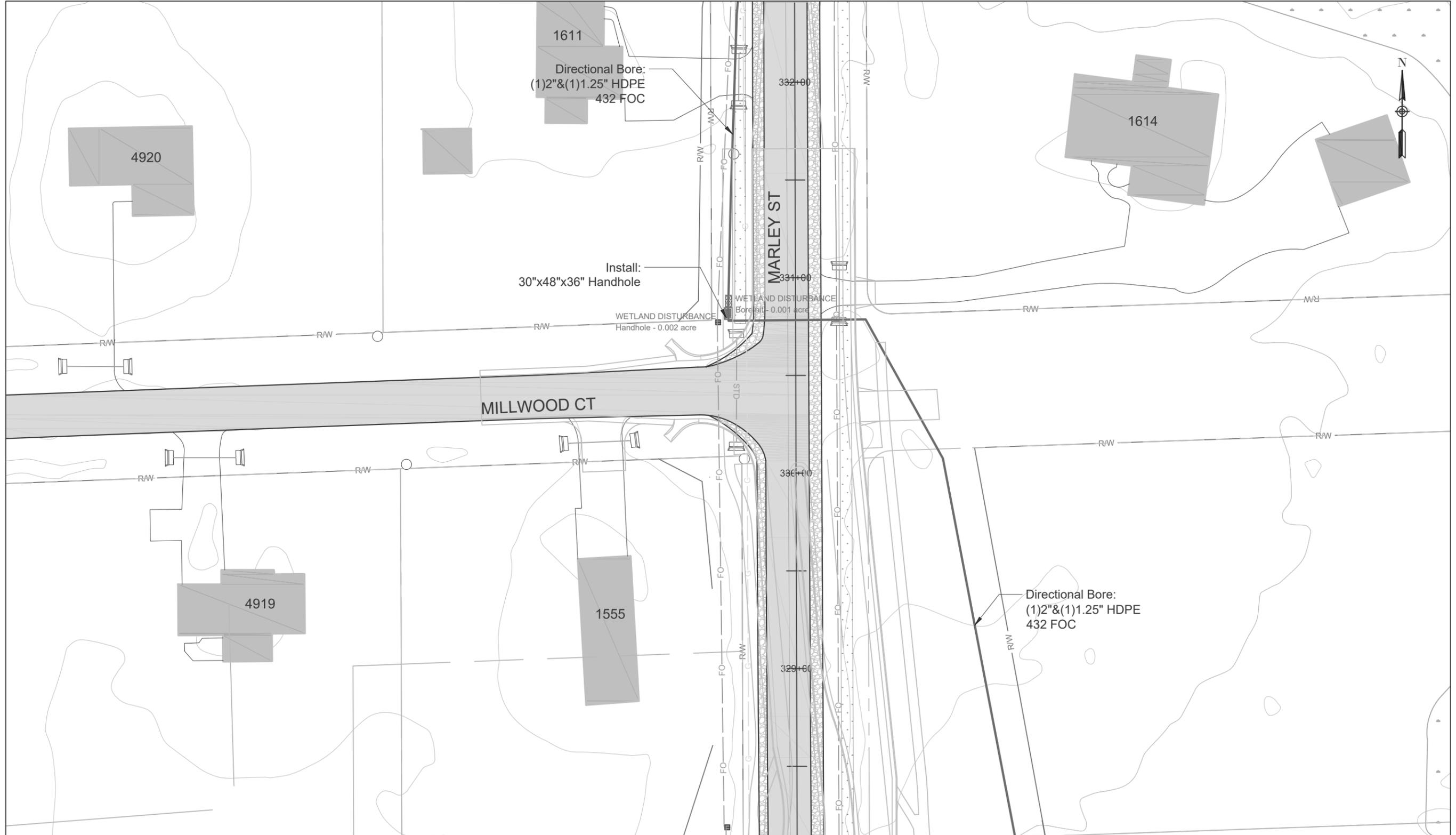
See Sheet 100

See Sheet 103



Construction Labor units this page:		
Directional Bore: 455'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 455'	

See Sheet 101



Construction Labor units this page:		
Directional Bore: 511'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 511'	

See Sheet 102

See Sheet 105



S3/E1K

T3K



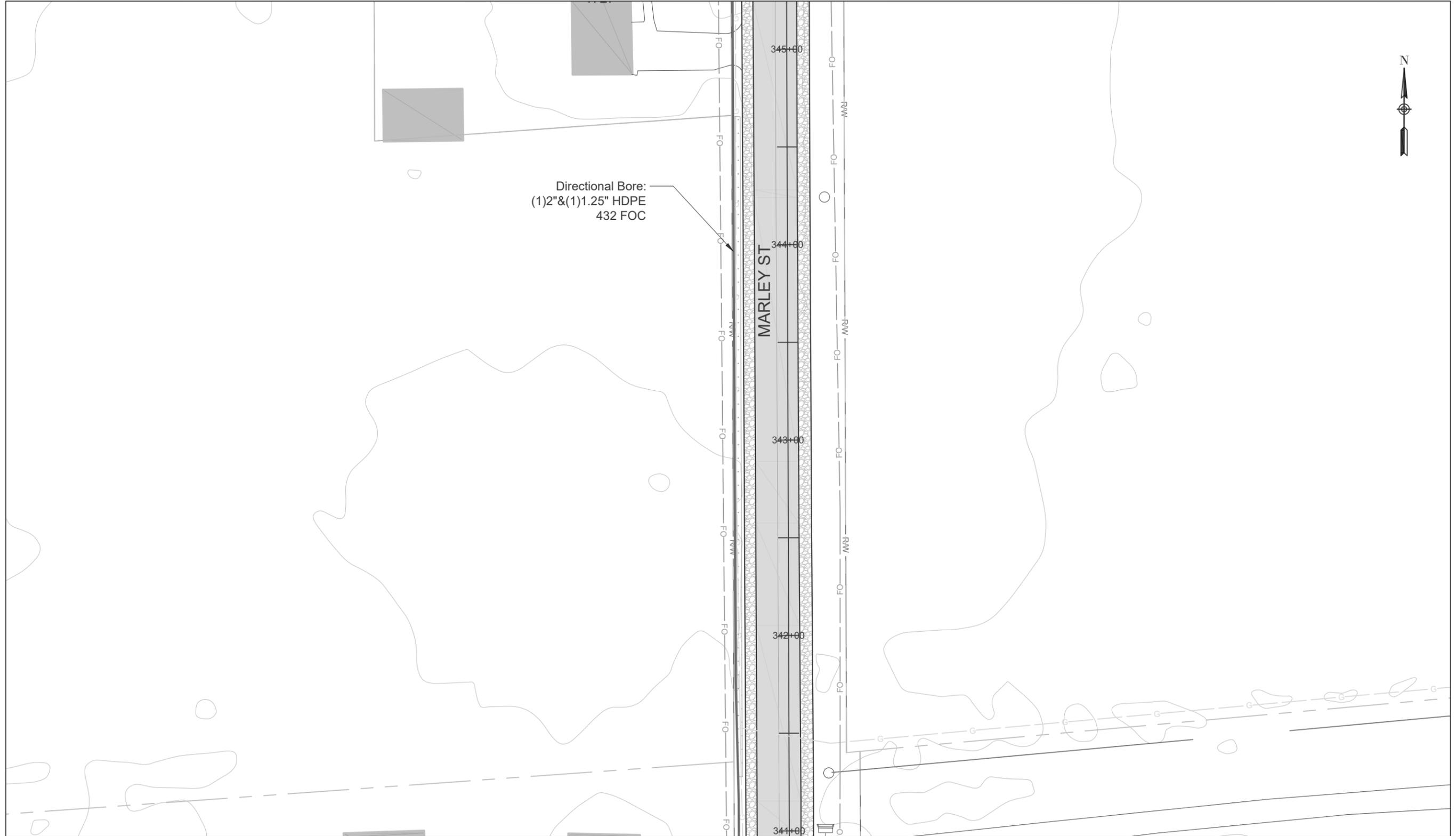
Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 103



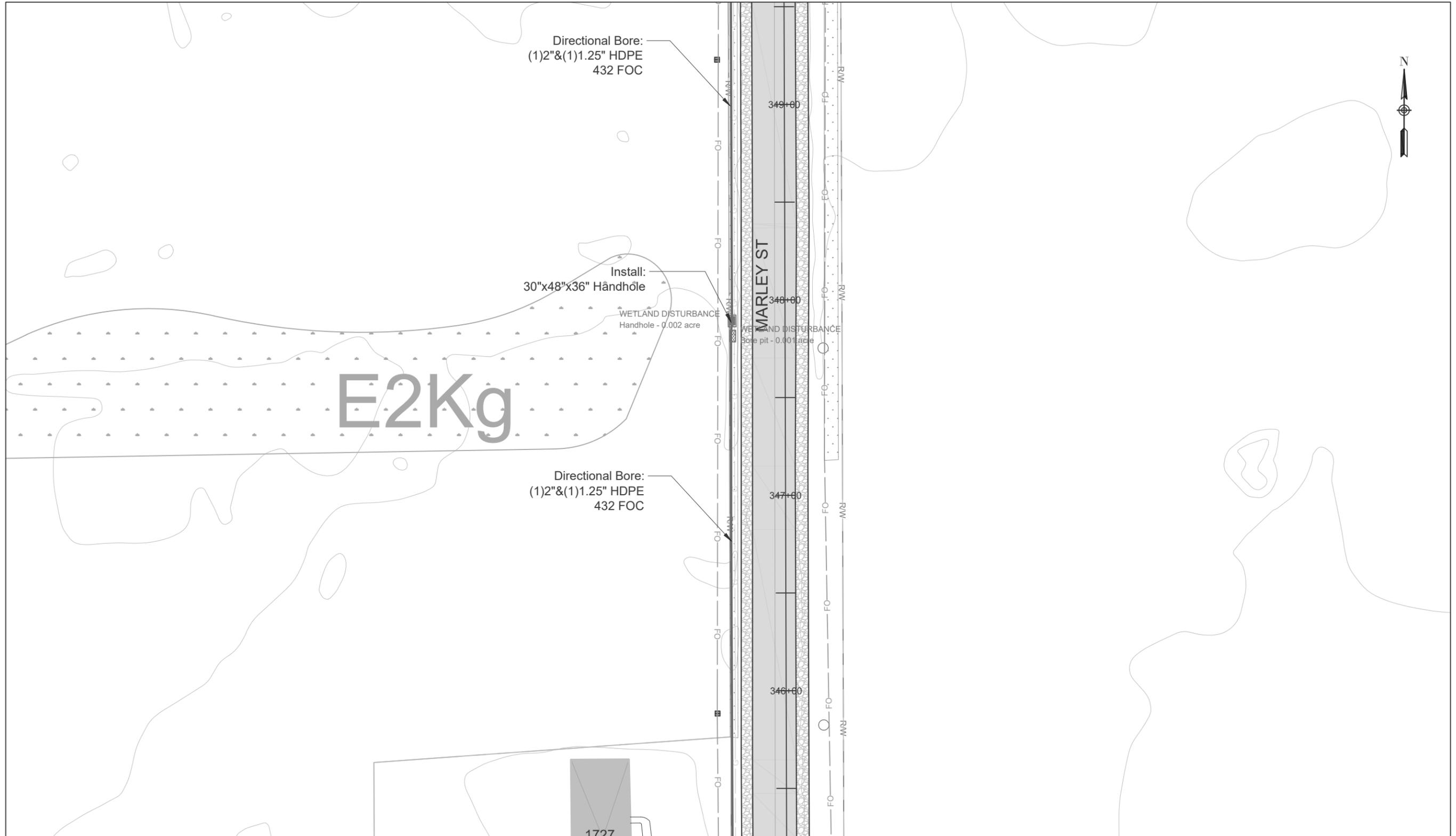
<u>Construction Labor units this page:</u>		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 104



Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 105



E2Kg



<u>Construction Labor units this page:</u>		
Directional Bore: 425'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 425'	

See Sheet 106

E2Kg

Directional Bore:
(1)2"&(1)1.25" HDPE
432 FOC

MARLEY ST

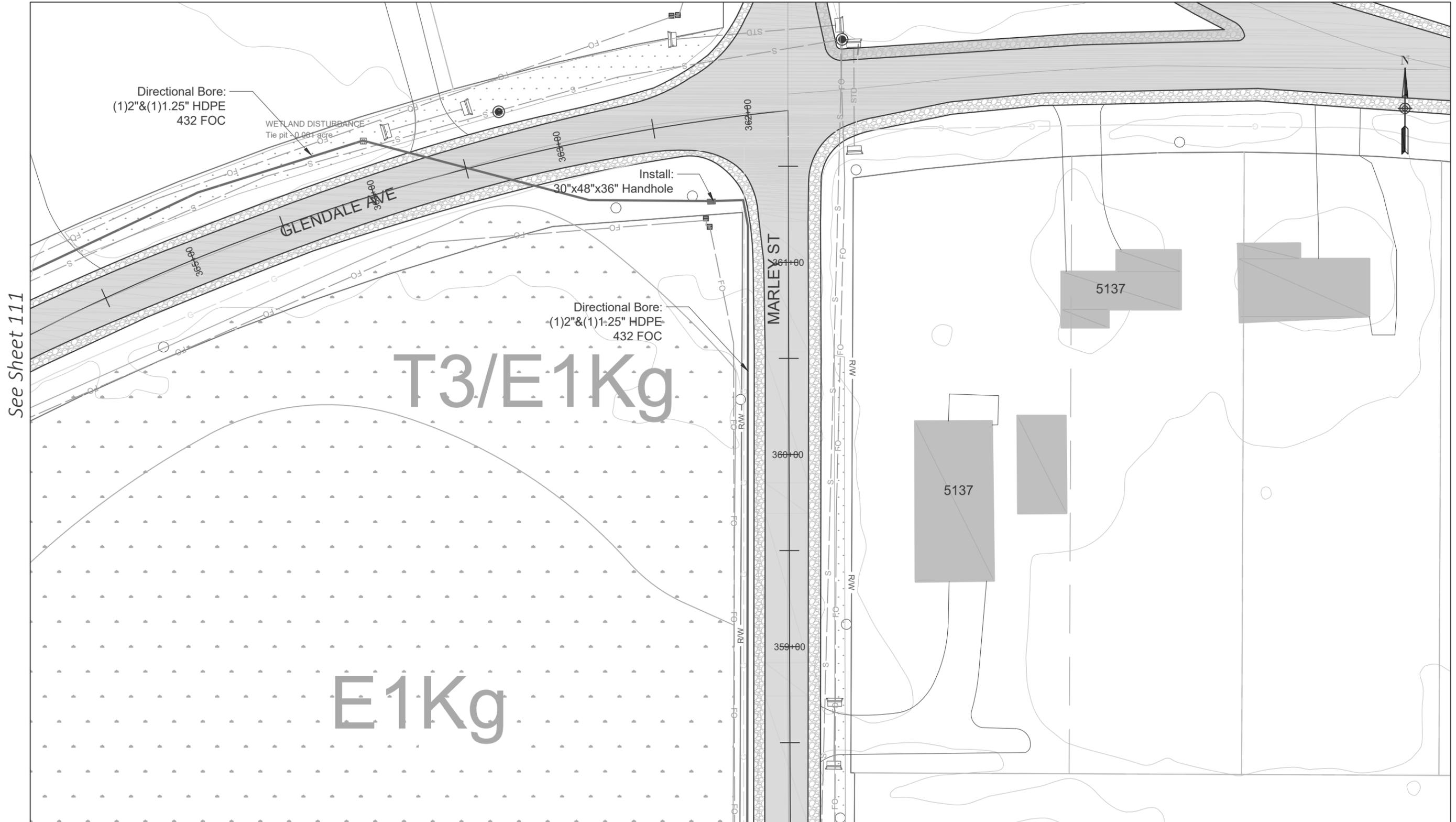
359+00
352+00
351+00
350+00



Construction Labor units this page:

Directional Bore: 427' Handhole Installation: 0 Store cable expansion in handhole: 0'
Plow: 0' Place cable in duct: 427'

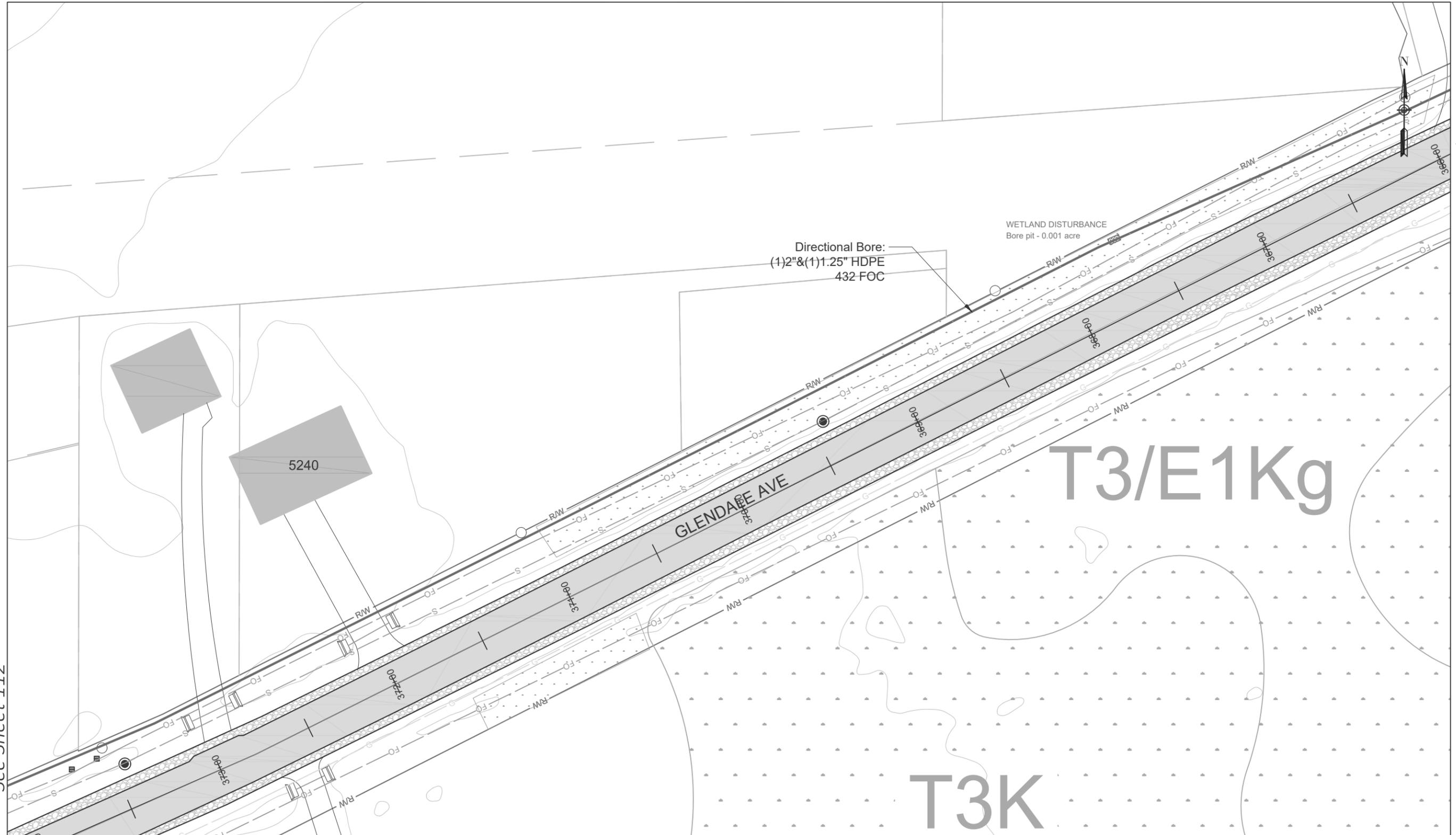
See Sheet 107



See Sheet 111

See Sheet 109

Construction Labor units this page:		
Directional Bore: 711'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 711'	



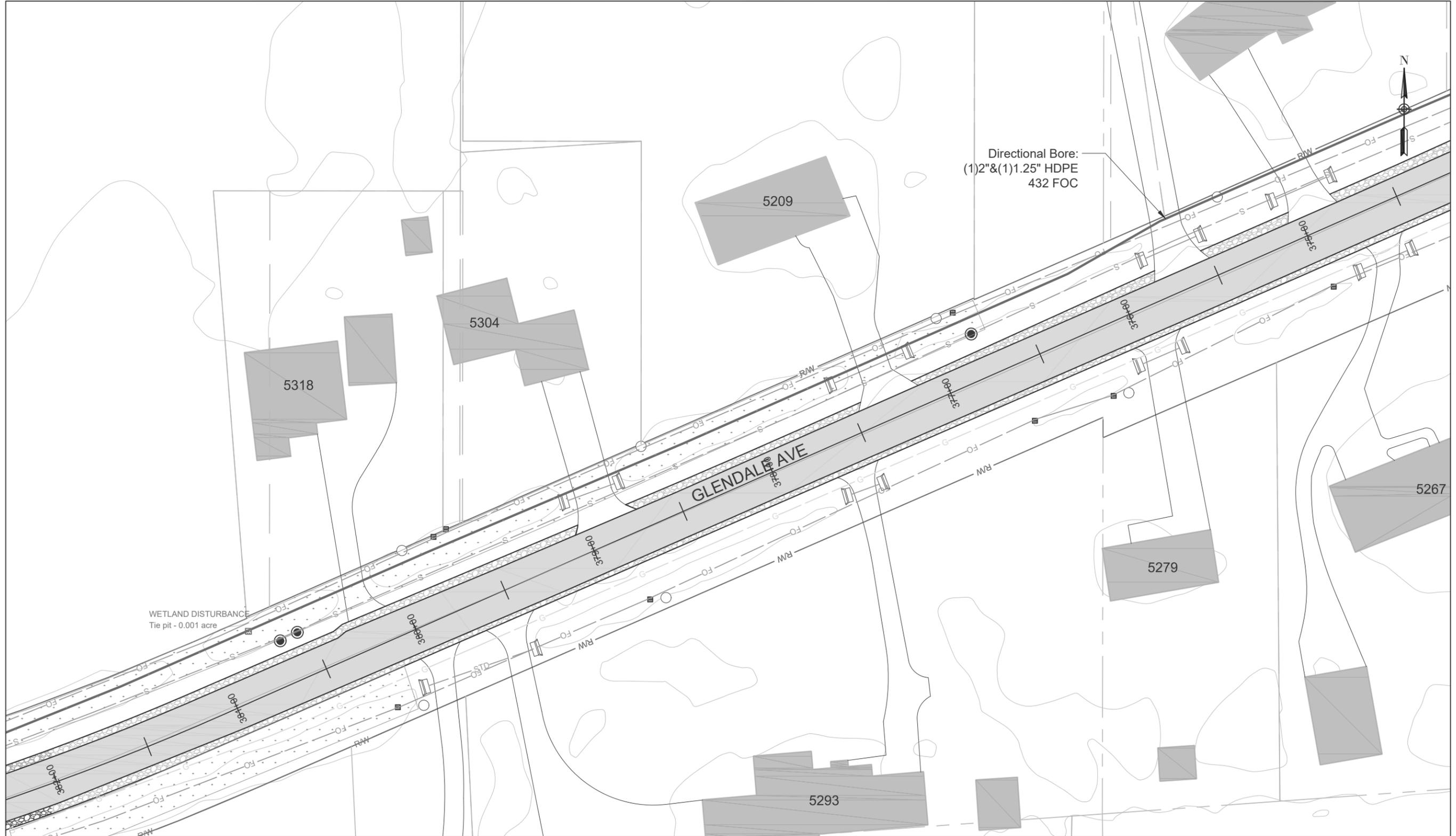
See Sheet 110

See Sheet 112

T3/E1Kg

T3K

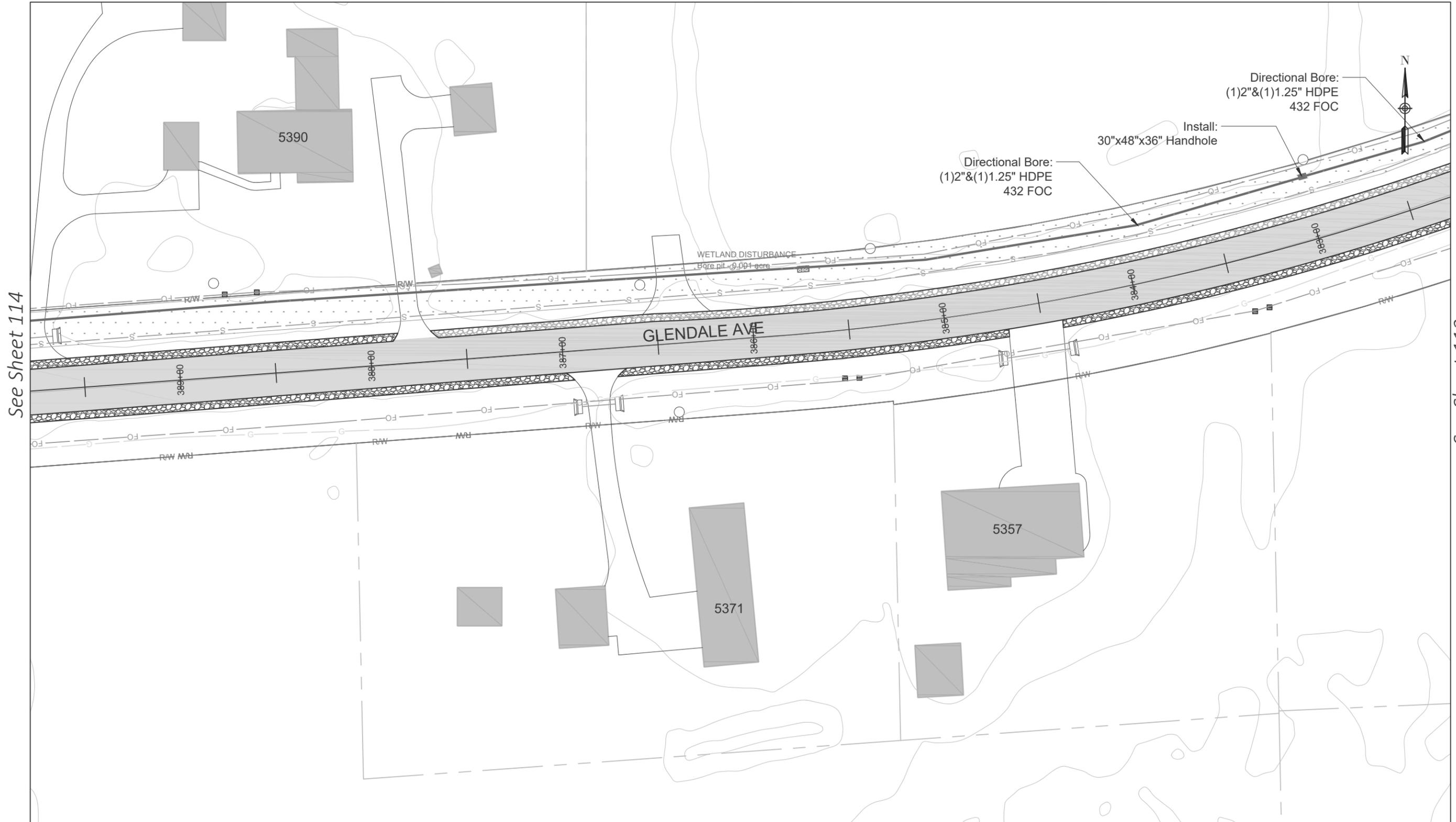
Construction Labor units this page:		
Directional Bore: 822'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 822'	



See Sheet 111

See Sheet 113

Construction Labor units this page:		
Directional Bore: 809'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 809'	



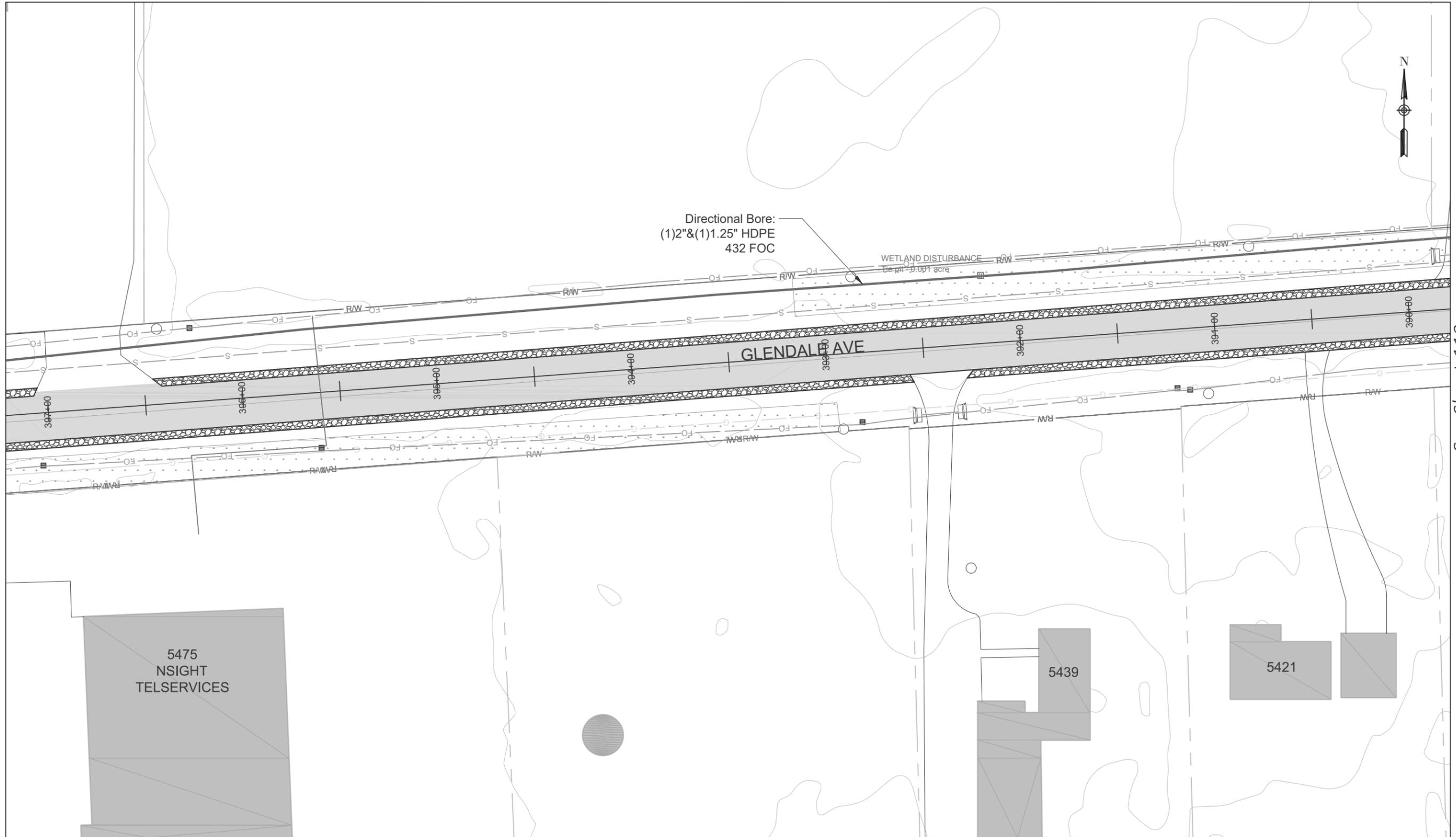
See Sheet 114

See Sheet 112

Construction Labor units this page:			
Directional Bore: 750'	Handhole Installation: 1	Store cable expansion in handhole: 100'	
Plow: 0'	Place cable in duct: 750'		

See Sheet 115

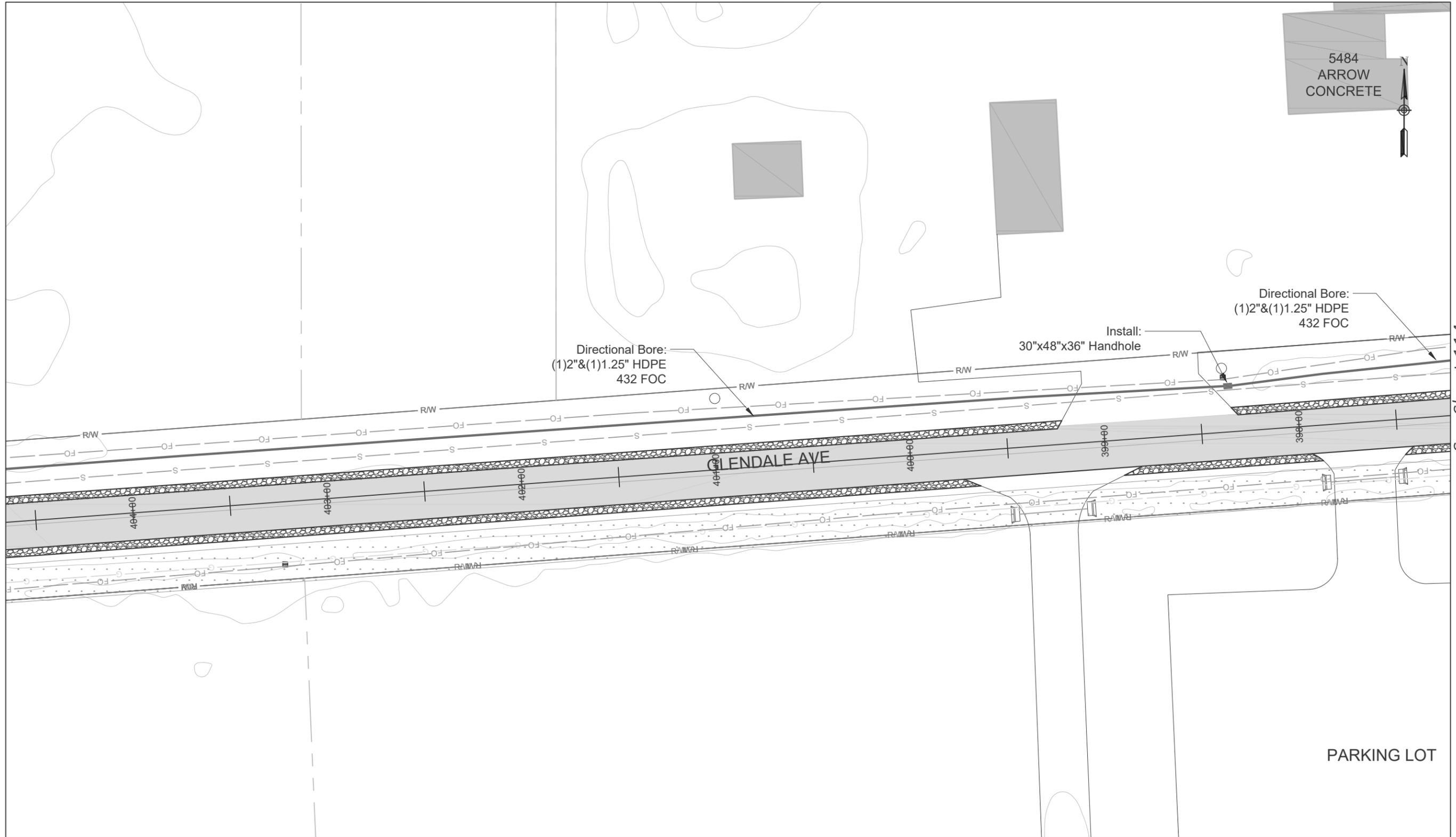
See Sheet 113



Construction Labor units this page:		
Directional Bore: 743'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 743'	

See Sheet 116

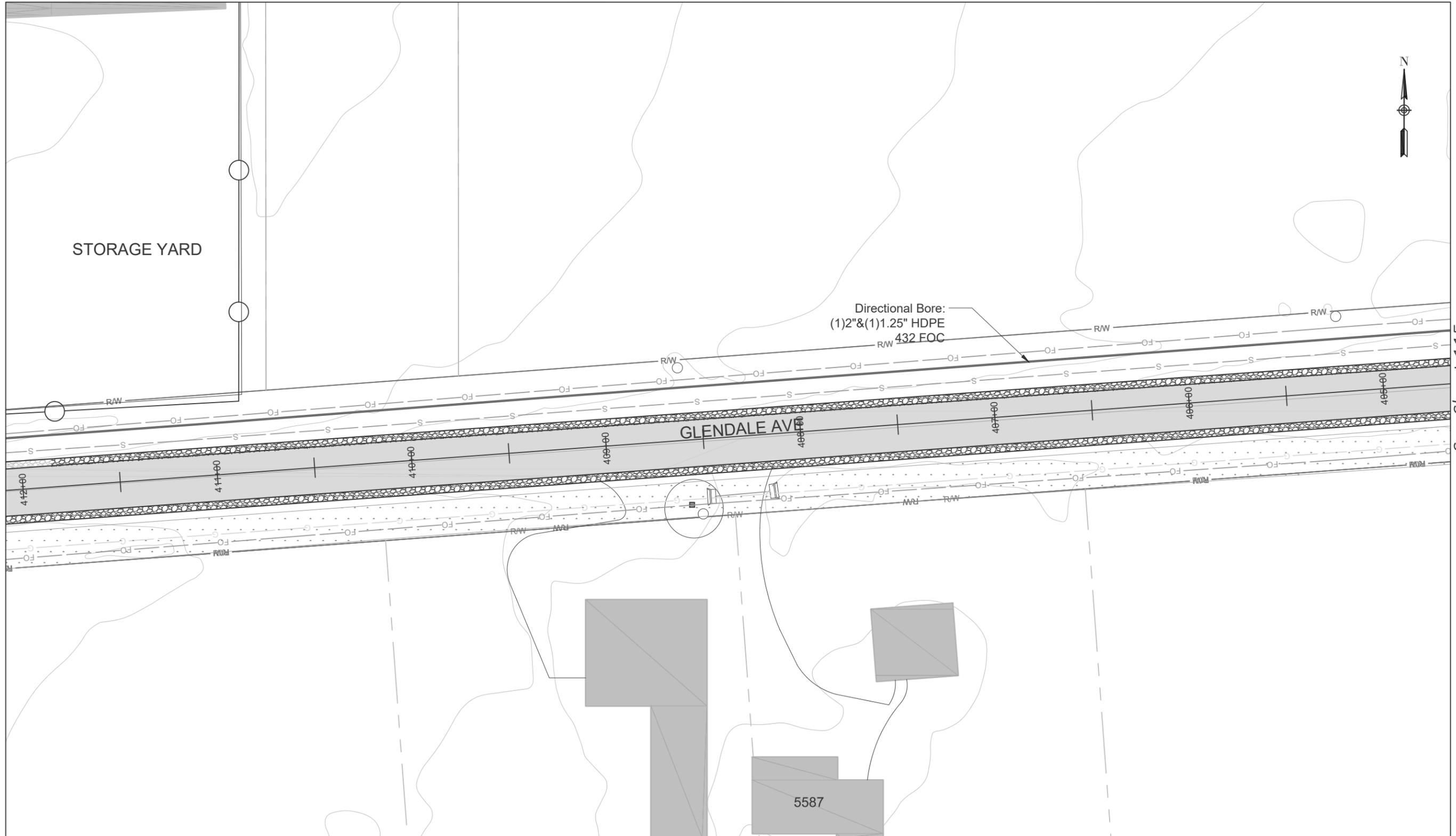
See Sheet 114



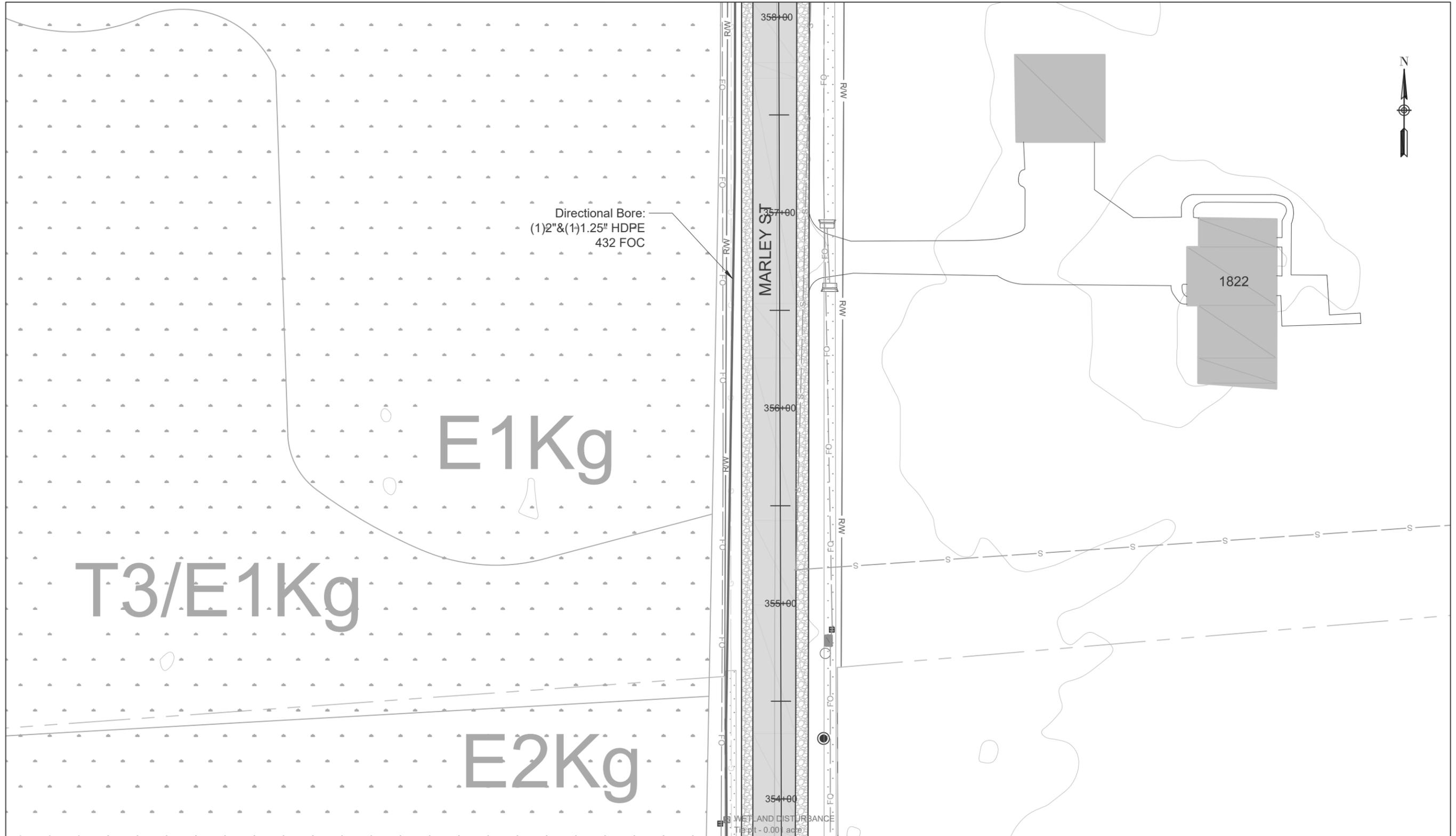
Construction Labor units this page:		
Directional Bore: 738'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 738'	

See Sheet 117

See Sheet 115



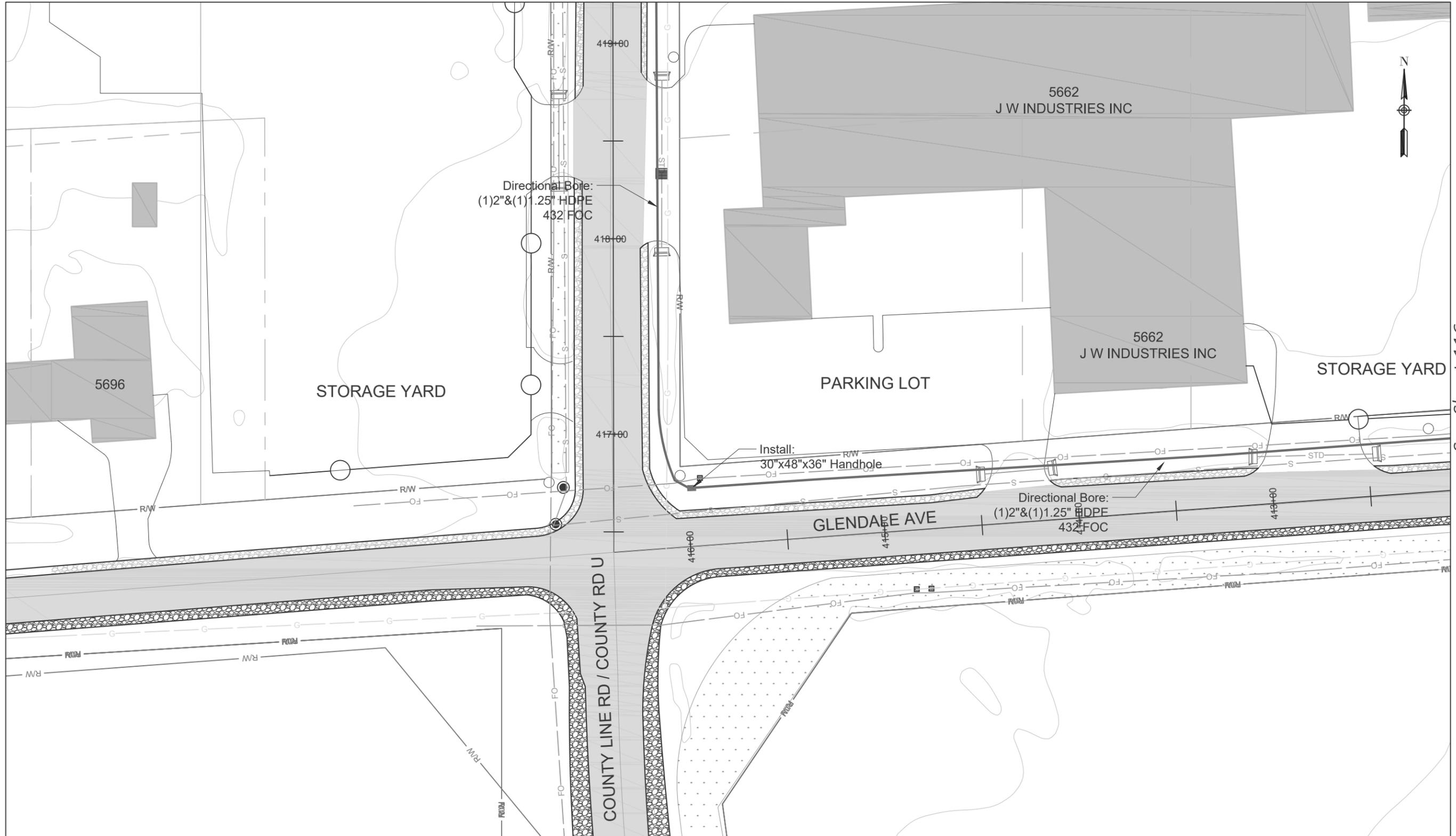
Construction Labor units this page:		
Directional Bore: 743'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 743'	



Construction Labor units this page:		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

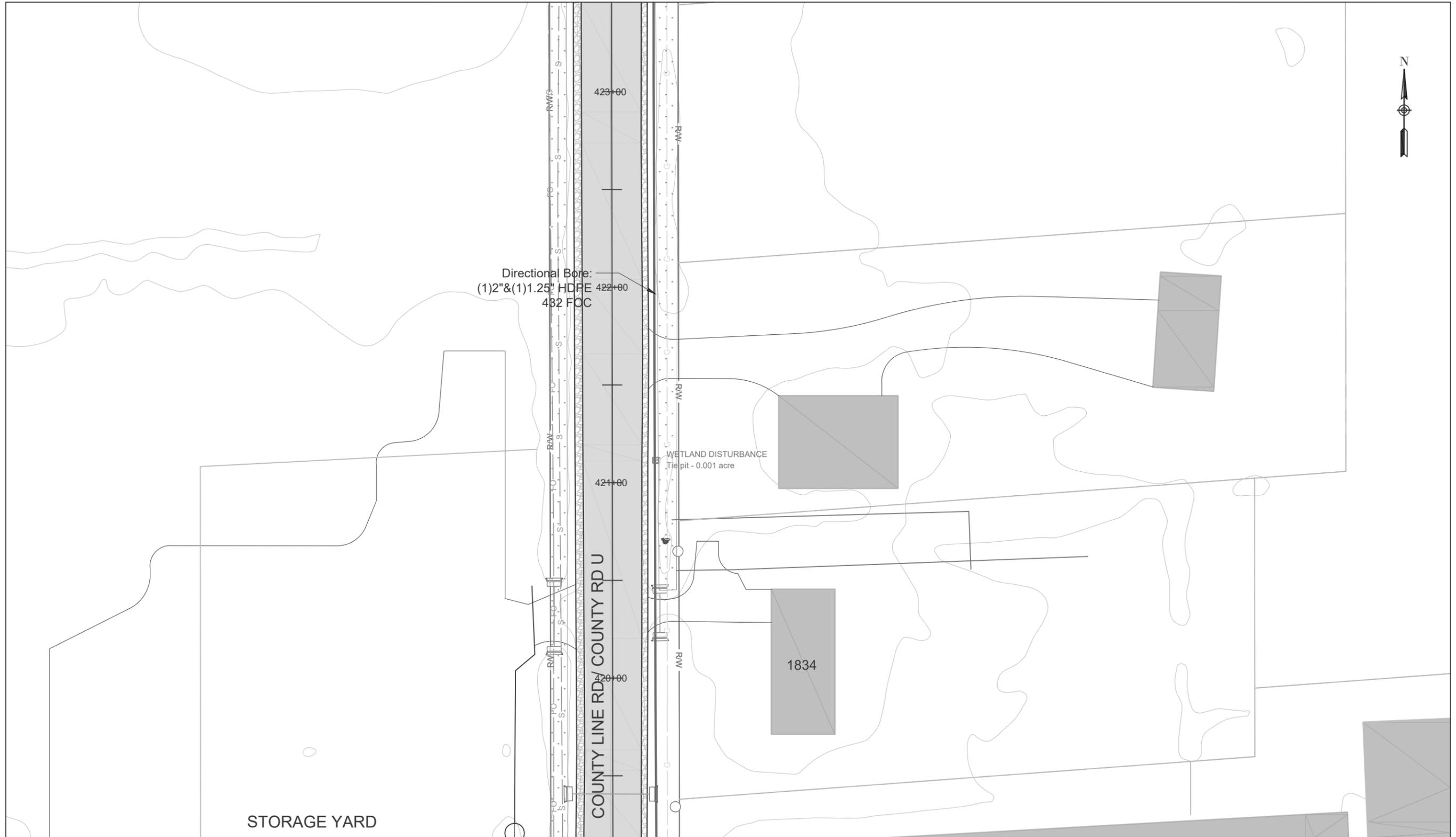
See Sheet 108

See Sheet 118



See Sheet 116

Construction Labor units this page:		
Directional Bore: 643'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 643'	



Construction Labor units this page:

Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

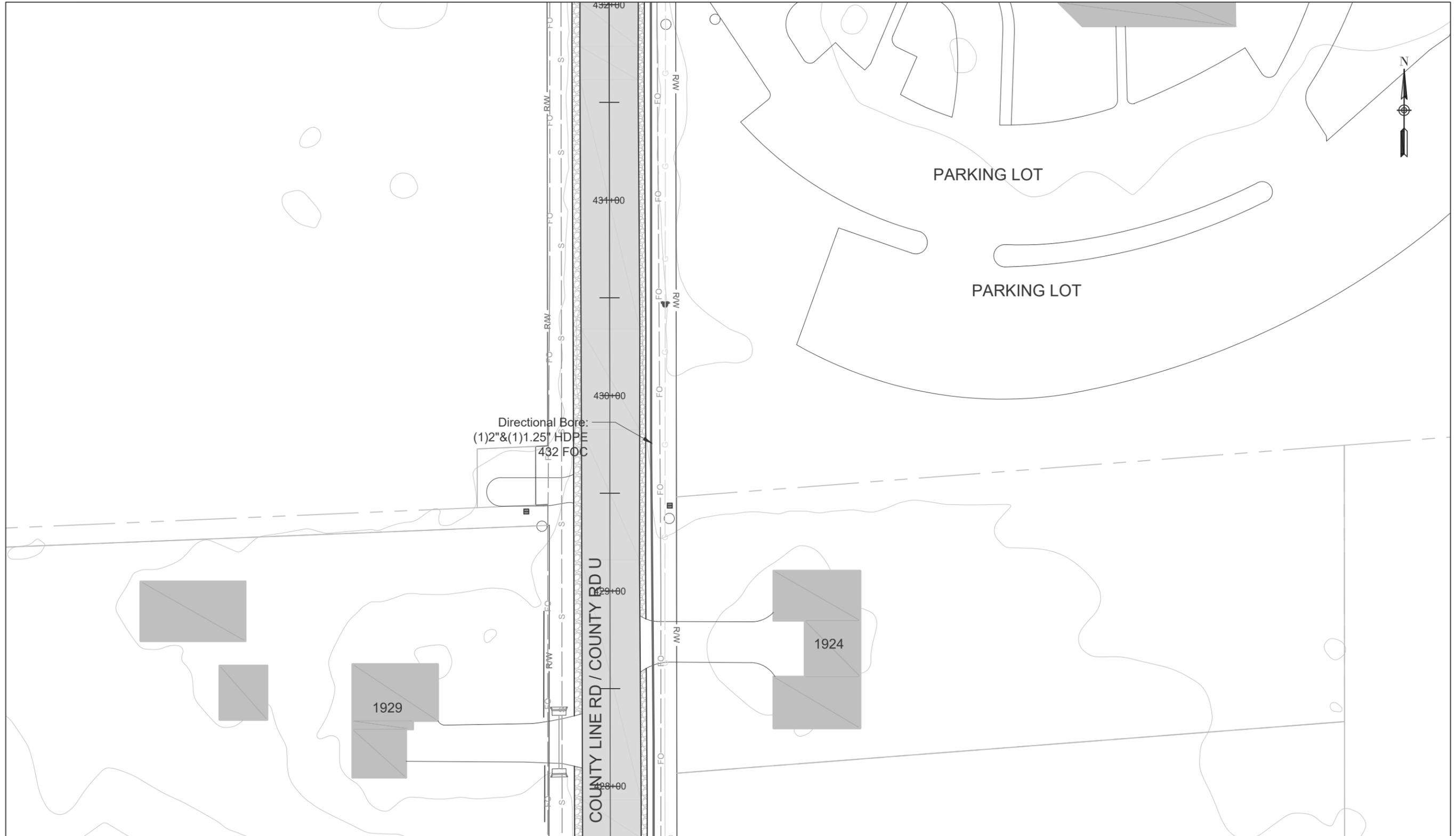
See Sheet 117



Construction Labor units this page:			
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'	
Plow: 0'	Place cable in duct: 427'		

See Sheet 118

See Sheet 121



PARKING LOT

PARKING LOT

Directional Bore:
 (1)2" & (1)1.25" HDPE
 432 FOC

COUNTY LINE RD / COUNTY RD U

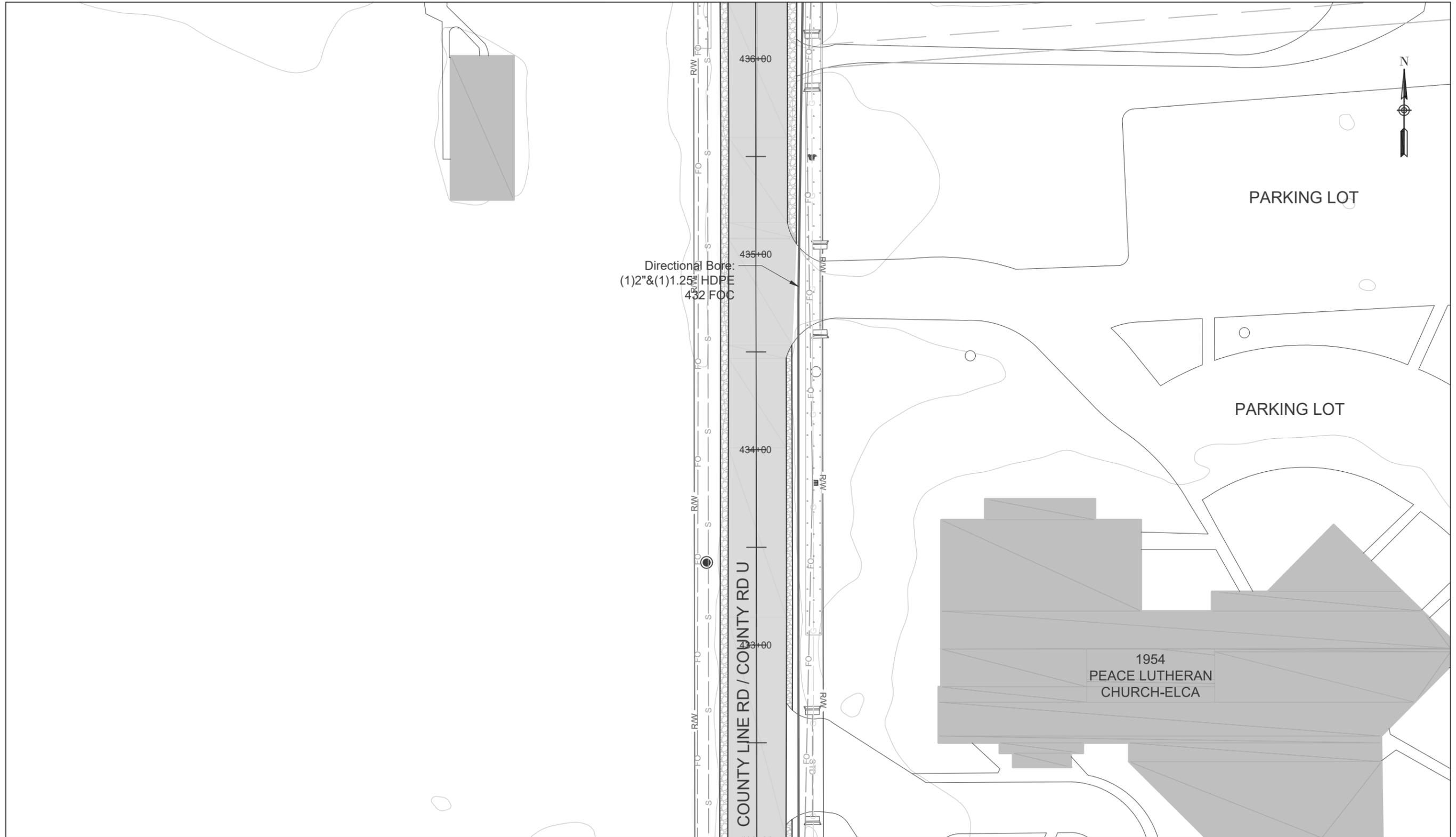
1929

1924

Construction Labor units this page:

Directional Bore: 427' Handhole Installation: 0 Store cable expansion in handhole: 0'
 Plow: 0' Place cable in duct: 427'

See Sheet 119



Directional Bore:
 (1)2" & (1)1.25" HDPE
 432 FOC

COUNTY LINE RD / COUNTY RD U

1954
 PEACE LUTHERAN
 CHURCH-ELCA

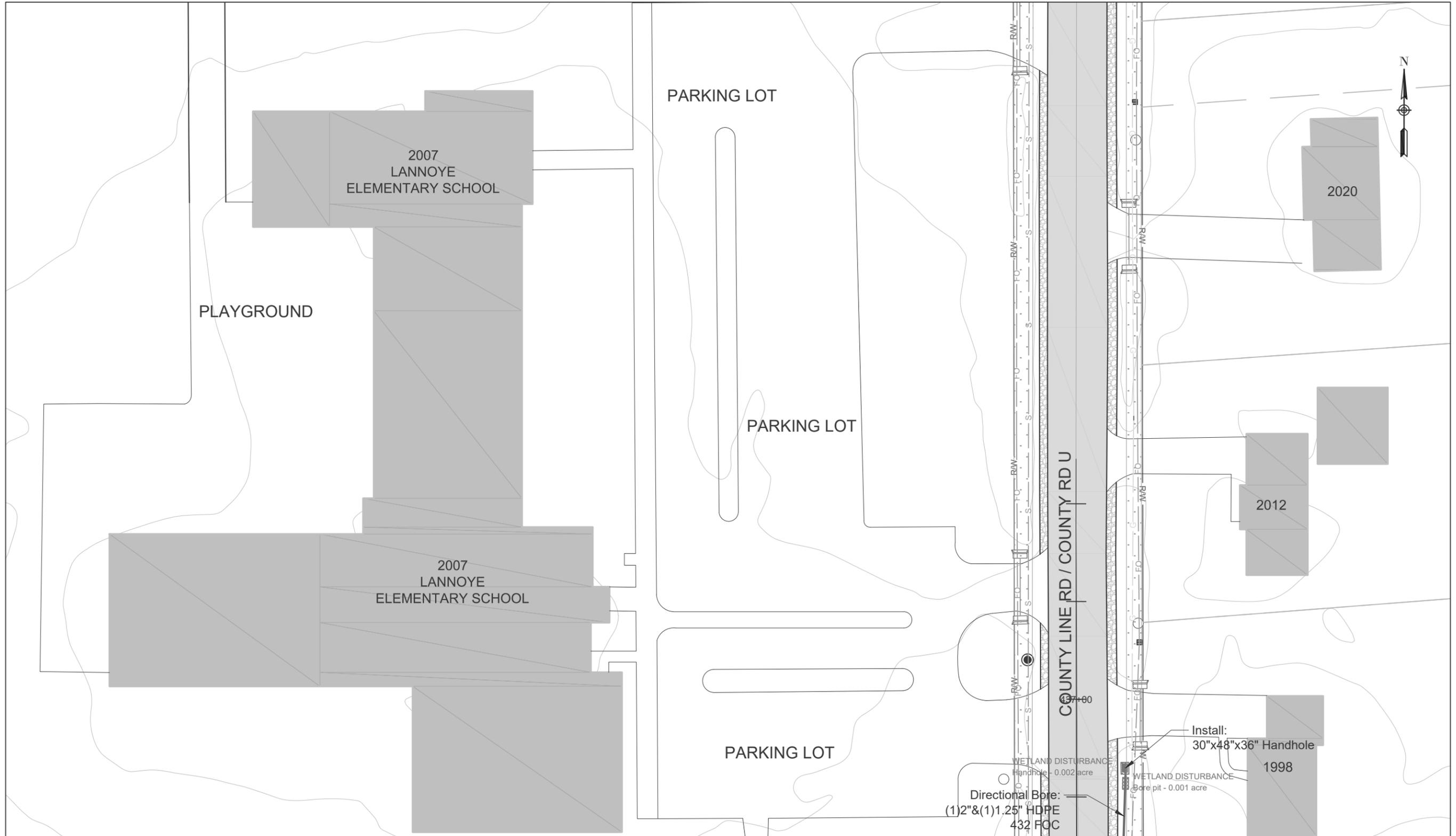
PARKING LOT

PARKING LOT



<u>Construction Labor units this page:</u>		
Directional Bore: 427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow: 0'	Place cable in duct: 427'	

See Sheet 120



Construction Labor units this page:		
Directional Bore: 34'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow: 0'	Place cable in duct: 34'	

See Sheet 121

Exhibit H

Alternative Routes Map

Brown County Broadband Fiber Possible Routes

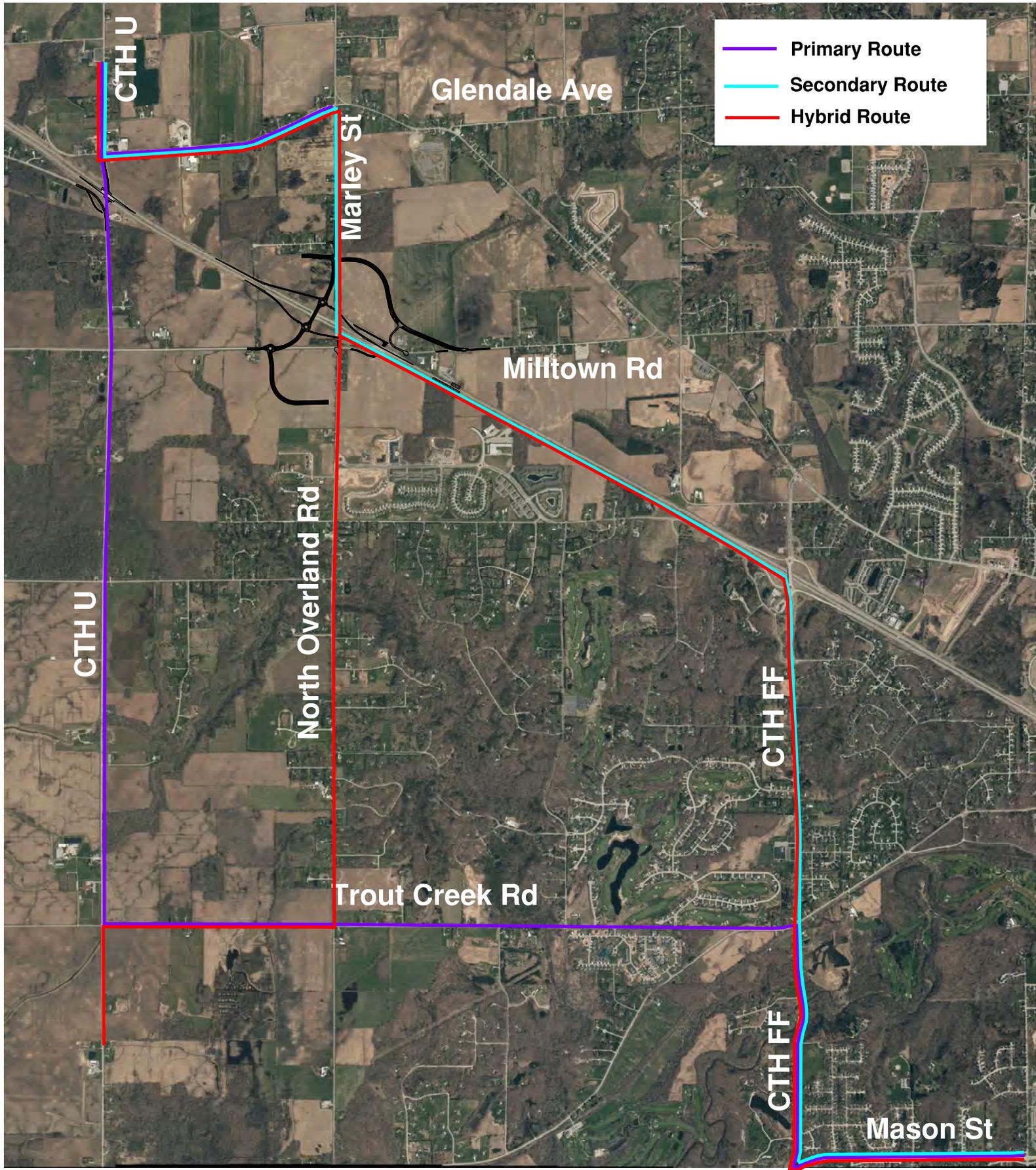


Exhibit I

Hazmat Memo

TECHNICAL MEMORANDUM

To: WisDOT Northeast Region

From: Ayres Associates

Date: October 23, 2019

Project No.: 9200-10-72

Re: Hazmat potential for Broadband Fiber Route

A cursory review of the broadband fiber route was conducted to determine if there are any potential sites with contamination adjacent to the project route.

An environmental database review was first completed, including all sites within ¼ mile of the project corridor. Databases reviewed are as follows:

- Wisconsin DNR Bureau for Remediation and Redevelopment Tracking System (BRRTS)
 - Wisconsin DNR Leaking Underground Storage Tanks (LUST)
 - Wisconsin DNR Spills
 - Superfund site in Wisconsin
 - Wisconsin DNR Environmental Repair Program (ERP)
- Wisconsin DNR Bureau for Remediation and Redevelopment GIS Registry for contaminated site closures
- Wisconsin DNR List of Licensed Solid Waste Landfills
- Wisconsin DNR Solid and Hazardous Waste Information System (SHWIMS)
- Wisconsin DNR Petroleum Environmental Cleanup Fund Award (PECFA) Database
- Wisconsin Department of Agriculture, Trade & Consumer Protection (DATCP), Storage Tank Database
- Wisconsin Department of Agriculture, Trade & Consumer Protection (DATCP), Bureau of Agrichemical Resources Management, List of Sites.
- United State Environmental Protection Agency (EPA), Envirofacts Database

After reviewing the above sites, there are two sites adjacent to the project route. These are two existing private residents that have underground storage tanks at the following locations:

- 4760 North Overland Road – Abandoned without project, leaded gasoline
- 2432 Trout Creek Road – In use, fuel Oil.

Neither location has any indication of the potential for contamination in the existing right of way.

Conclusions and Recommendations

No potential hazardous material sites were located along the project corridor. Therefore, neither additional hazardous materials investigation nor special standard provisions are warranted for this project.