

Everyone knows
where everyone
goes!

UTILITY PROCESS

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Team Lead Design Division

Monte Dockter

Utility Engineer Design Division



NDCC TITLE 24

CHAPTER 01-42 & 43

24-01-42. Construction of utility facility - Limitation.

No person, firm, or association may construct any electrical supply or communication line, gas, oil, or water, or other pipeline parallel to and within one hundred feet [30.48 meters] of the centerline of any state highway right of way or within seventy-five feet [22.86 meters] of the centerline of any county highway right of way without first obtaining the consent of the director or board of county commissioners except that such prohibition does not apply to highways or streets located within areas platted as townsites or additions and subdivisions thereof.

24-01-43. Utility facility - Removal.

Any utility or transmission line hereinafter constructed contrary to the provisions of section 24-01-42 must be removed at the expense of the utility, when such removal is required for purposes of highway expansion.

- North Dakota Century code related to utility impacts on roadway projects since 1959
 - State Law
 - Sections 24-01-42 and 43 (revised 1959)
 - Utilities Move at Their Expense
 - Independent of NDDOT Right of Way
 - 100 feet of Centerline for State Highway
 - 75 feet for County System
- NDDOT RIMS data base for Utility Occupancy Permits
- Revised Utility Occupancy Permits used for Utility Conflicts/coordination process on NDDOT Highway projects.
- <http://www.dot.nd.gov/manuals/environmental/policy-utilities-state-row.pdf>

NDCC TITLE 24 CHAPTER 01-41 Revision in 2005

24-01-41 Relocation of utility facilities

1. Whenever the director determines and orders that any utility facility which now is, or hereafter may be, located in, over, along, or under the national system of interstate and defense highways, or urban extension thereof, qualifying for federal aid should be changed, removed, or relocated to accommodate the construction of a project on the national system of interstate and defense highways, including extensions thereof within urban areas, the utility owning or operating such facility shall change, relocate, or remove the same in accordance with the order of the director; provided that the costs of the change, relocation, or removal, including the costs of installing such facilities in a new location, must be ascertained and paid to the affected utility by the state out of state highway funds as part of the cost of such federally aided project, unless such payment would violate a legal contract between the utility and the state.
2. As used in this section, the term "utility" includes all cooperatively, municipally, publicly, or privately owned utilities for supplying water, sewer, light, gas, power, telegraph,

Utility Permit/agreement - Condition F

- Owner shall promptly remove said facilities from highway right of way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by NDDOT. The owner may be held responsible for delay costs caused by the owner's failure to use reasonable efforts to relocate or adjust facilities in a timely manner.

NDCC TITLE 24

CHAPTER 01-41

Revision in 2005

24-01-41. Relocation of utility facilities.

1. Whenever the director determines and orders that any utility facility which now is, or hereafter may be, located in, over, along, or under the national system of interstate and defense highways, or urban extension thereof, qualifying for federal aid should be changed, removed, or relocated to accommodate the construction of a project on the national system of interstate and defense highways, including extensions thereof within urban areas, the utility owning or operating such facility shall change, relocate, or remove the same in accordance with the order of the director; provided that the costs of the change, relocation, or removal, including the costs of installing such facilities in a new location, must be ascertained and paid to the affected utility by the state out of state highway funds as part of the cost of such federally aided project, unless such payment would violate a legal contract between the utility and the state.
2. As used in this section, the term "utility" includes all cooperatively, municipally, publicly, or privately owned utilities, for supplying water, sewer, light, gas, power, telegraph, telephone, transit, pipeline, or like service to the public or any part thereof. "Cost of change, relocation, or removal" includes the entire cost incurred by such utility properly attributable to such change, relocation, or removal after deducting therefrom any increase in the value of the new facility and any salvage value derived from the old facility.
3. The department, in cooperation with utilities, shall develop or adopt procedures for administration of utility facility relocation. The procedures must comply with federal law. At a minimum, the procedures must address notification, coordination, billing, and payment. The department shall coordinate with utilities that are affected by the construction project as early as possible in the project development process.
4. The department shall coordinate utility facility relocations with the affected utility in an effort to minimize cost associated with utility facility relocations.
5. When a utility facility needs to be relocated, the department shall enter an agreement with the utility indicating if the utility facility relocation work is eligible for reimbursement, the estimated cost for the work, the anticipated construction schedule, and the location of the work.

NDCC TITLE 24 CHAPTER 01-42 & 43

- 100' or 75' clearance is regardless of who owns the right of way if the utility was placed after 1959
- Prior to 1959 it goes to prior rights
- However if the state or county doesn't have fee title the utility company would also need to get permission for the land owner
- Main thing to stress is
- **Avoid, Avoid, Avoid**
 - No matter who pays relocation costs
- Then minimize relocations throughout project

Utility Permit Information

Public

Travel/Roads

Business

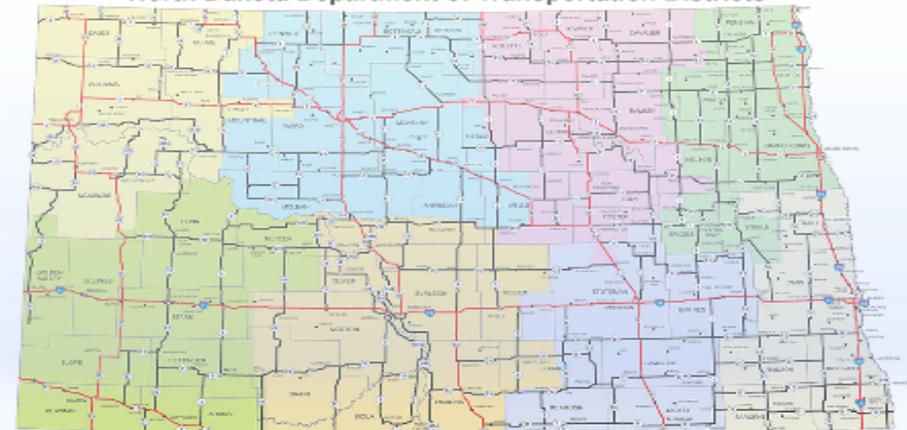
NDDOT Utility Occupancy Application and Permit Information

The North Dakota Department of Transportation (NDDOT) manages the state highway right-of-ways. Parties interested in installing, replacing or maintaining utilities in a state right-of-way must contact the NDDOT for permission and permitting before conducting any type of utility work. [Utility applications, permit instructions and other forms and guidelines](#) regarding state highway right-of-ways in North Dakota can be found on this page.

Resources

- [A Policy for Accommodation of Utilities on State Highway Right-of-Way](#) PDF
- [Utility Application and Permit Instructions](#) PDF
- [Utility Permit Form \(SFN 7995\)](#) PDF
- [Utility Permit Example](#) PDF
- [Utility Permit Cancellation Notice](#) PDF
- [Temporary Traffic Control Guidelines for Utility Work](#) PDF
- [NDDOT District Information](#)

North Dakota Department of Transportation Districts



- Bismarck
- Dickinson
- Grand Forks
- Valley City
- Devils Lake
- Fargo
- Minot
- Williston

NEW TOWN NORTHWEST ROUTE

Project No. 7-023(041)048

PCN 19862

ND 23 to ND 1804/23B Mountrail County



Prepared by NORTH DAKOTA DEPARTMENT OF TRANSPORTATION BISMARCK, NORTH DAKOTA

http://www.dot.nd.gov/

PROJECT PROCESS

Everyone knows where everyone goes!

23 USC § 409 NDDOT Reserves All Objections



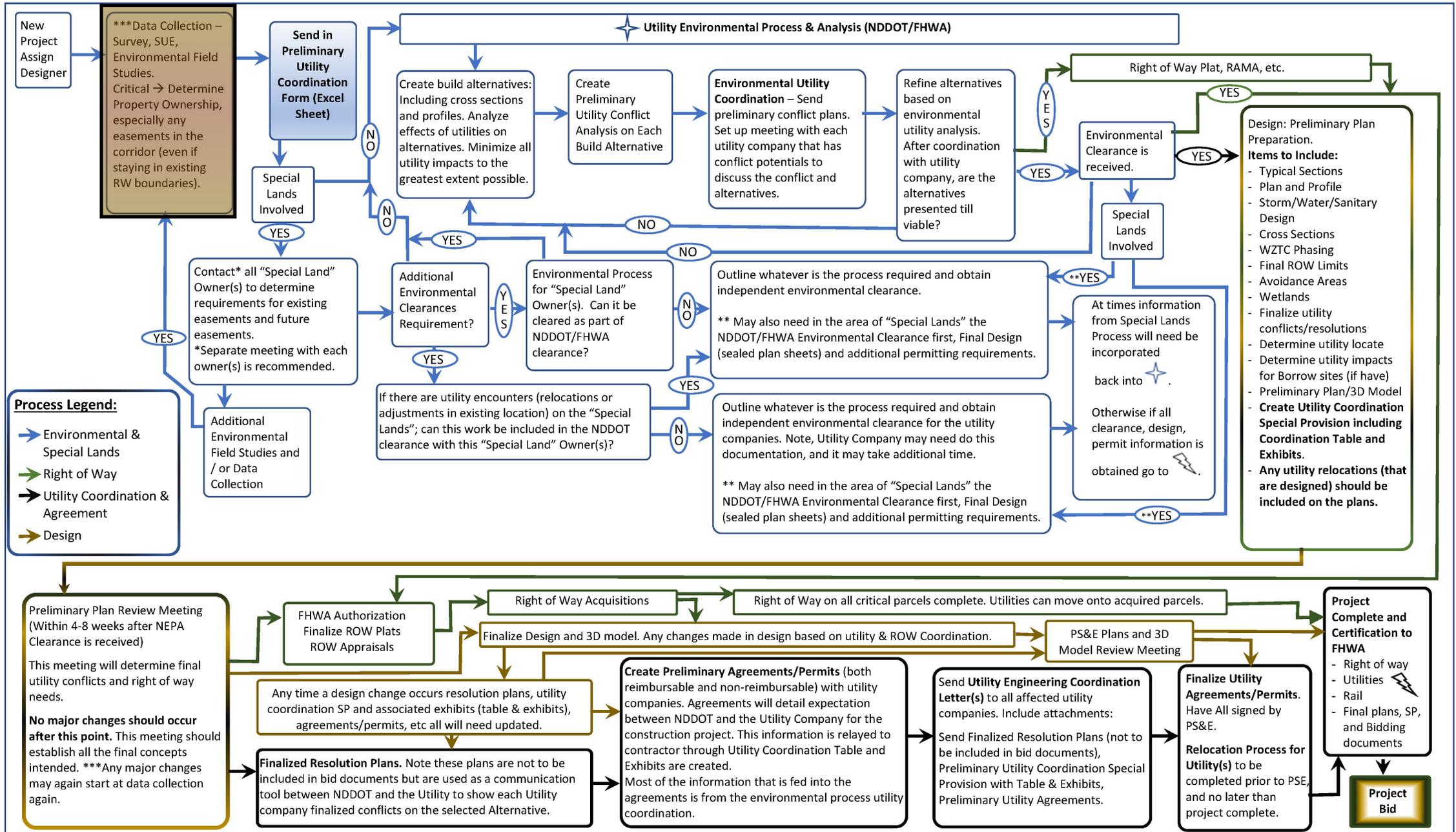
Goals

- Avoid Impacts
- Minimize
- Relocations to be Completed before PSE



Flow Chart of Utility Process

Everyone knows where everyone goes!





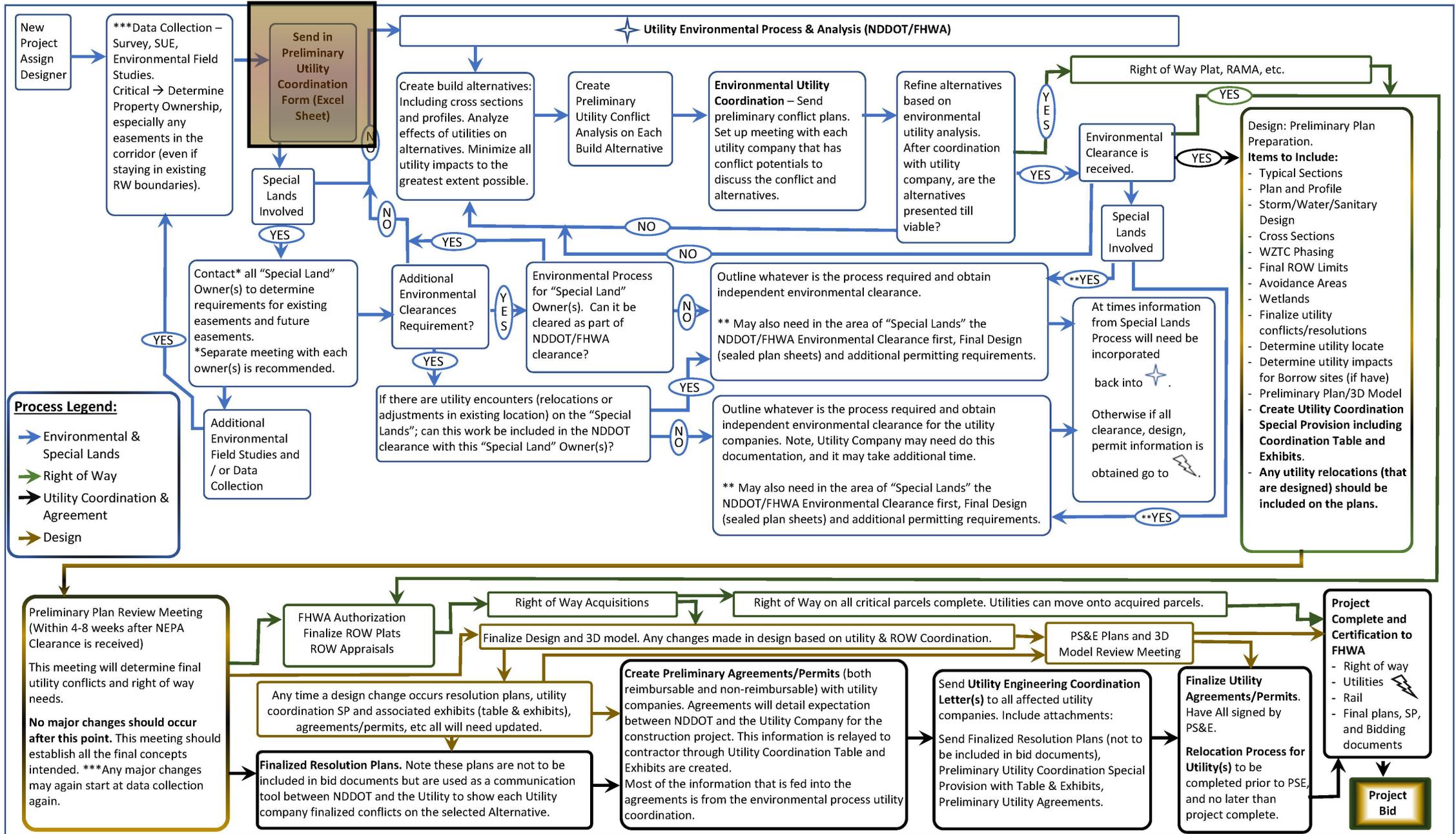
- Survey – SUE
 - SOV #9
 - ND One Call
- Property Ownership
 - Special Lands 
 - Special Utilities 
- Env. Studies



Data
Collection

Everyone knows where everyone goes!

Flow Chart of Utility Process



NEW FORM

- As Soon As Possible
- Probability Analysis
- Notification

Preliminary Utility Coordination Form

(Form required for all projects with a strategy level higher than a PM. Information to be completed by designer, unless noted.)

Project Number: _____ **Designer:** _____
PCN: _____ **Designer Phone Number:** _____
Technical Support Person: _____

Analysis For Probability Of Utility Encounters:

Project Items (Are any of these items anticipated to be needed?)	Probability of Item Occurring				Utilities In Area(s) Of Item?			Anything to Note and/or Brief Reason of Determination
	None	Low	Med	High	Yes	No	Unknown	

Are any earthwork / stabilization

Special Utility Type Analysis:

Major interstate transmission lines, or intercontinental transmission lines that are regulated.	Are there any of these Special Utilities			Will the utility be impacted by project?			Anything Determined
	Yes	No	Unknown	Yes	No	Unknown	
Lines that Connect into MT, SD, MN							
Lines that connect into Canada							
Pipeline - Gas							

Special Lands Analysis:

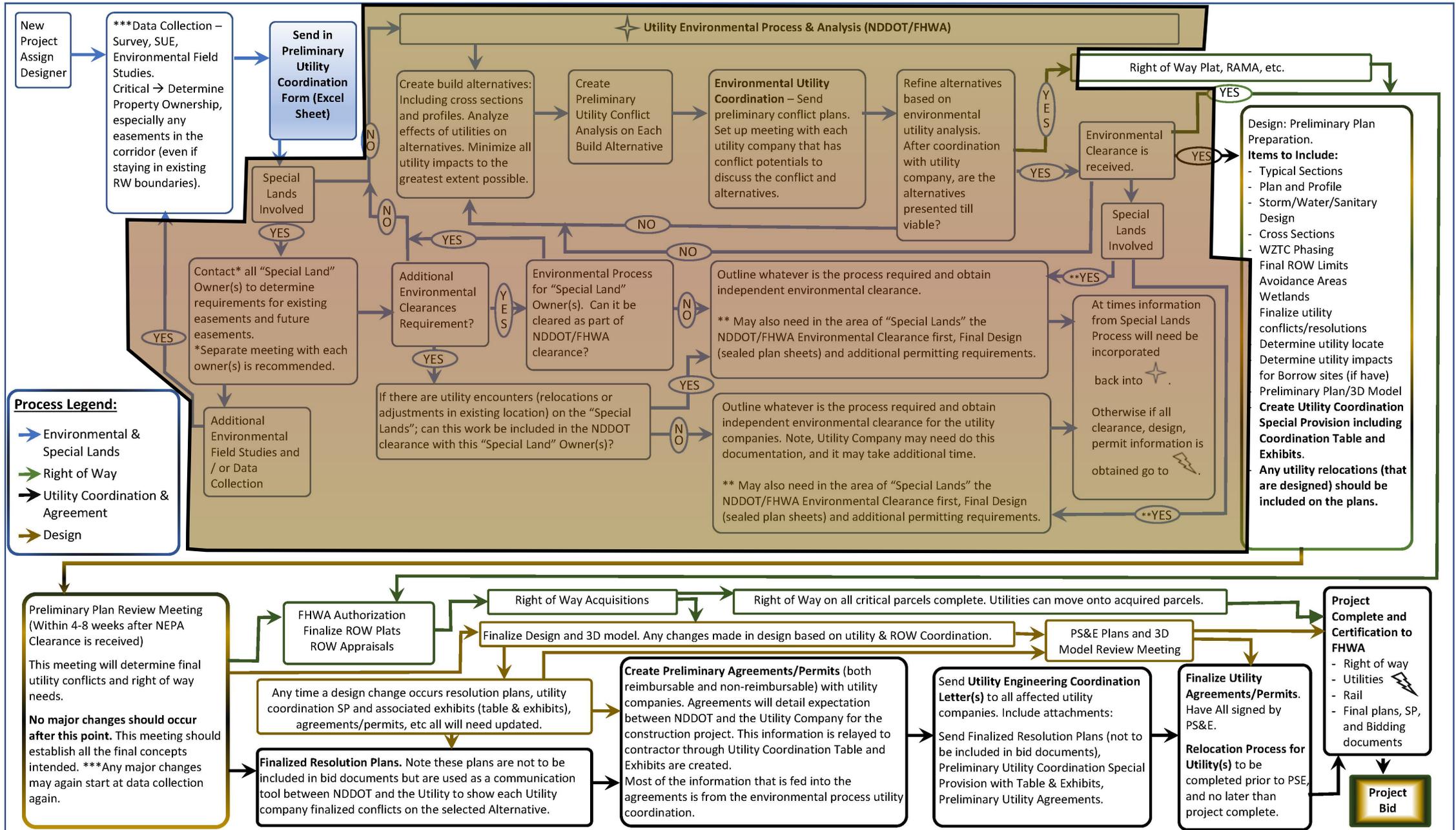
Land Ownership Questions:	Existing Easements: Does NDDOT have easements with this entity through corridor?			Are there Existing Utilities in NDDOT Easement Area			Anything to Note and/or Brief Determination
	Yes	No	Unknown	Yes	No	Unknown	

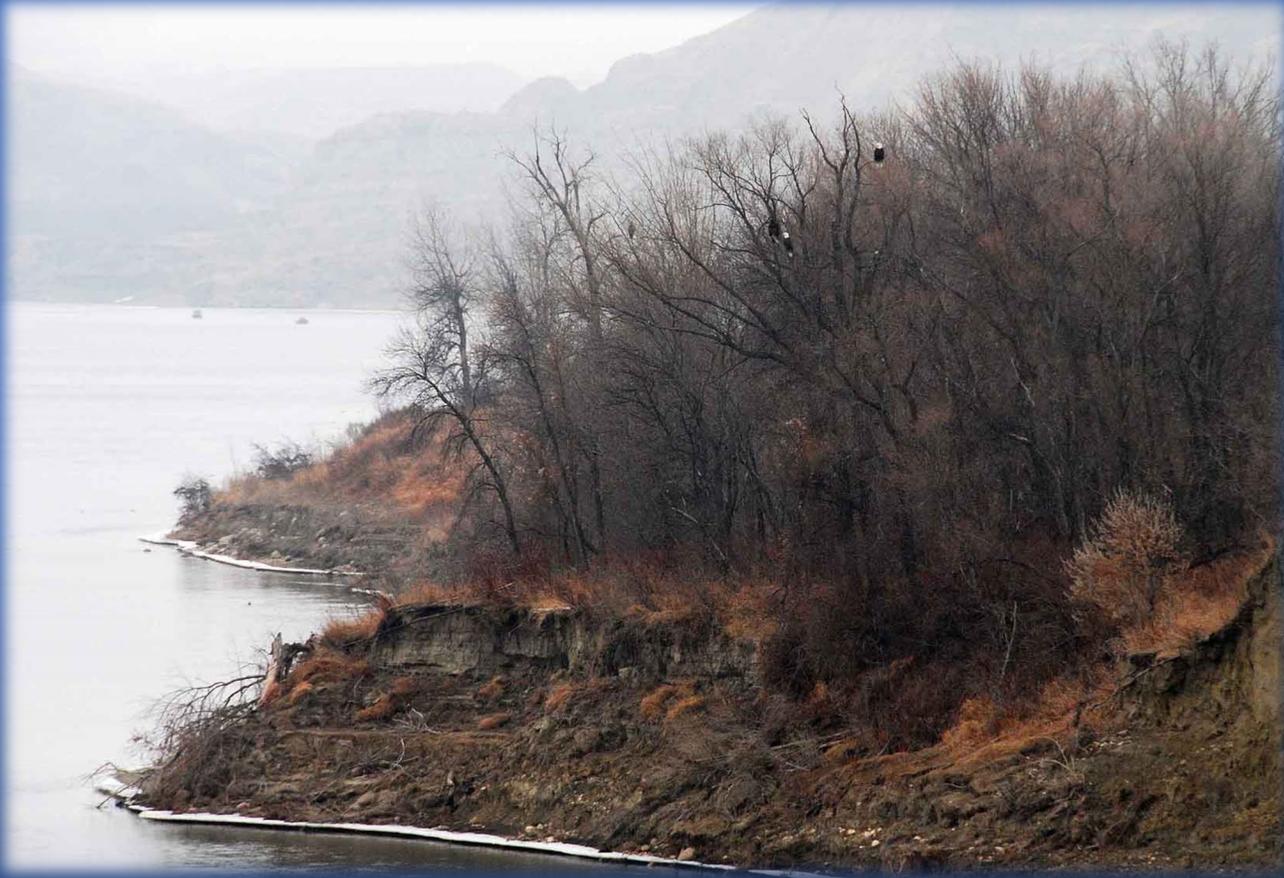
Analysis of types of land within the 200-foot jurisdictional area per ND Century Code Title 24, 24-01-42 or property boundary (which ever is greater) that NDDOT has only easement rights?

BIA							
BLM							

Flow Chart of Utility Process

Everyone knows where everyone goes!





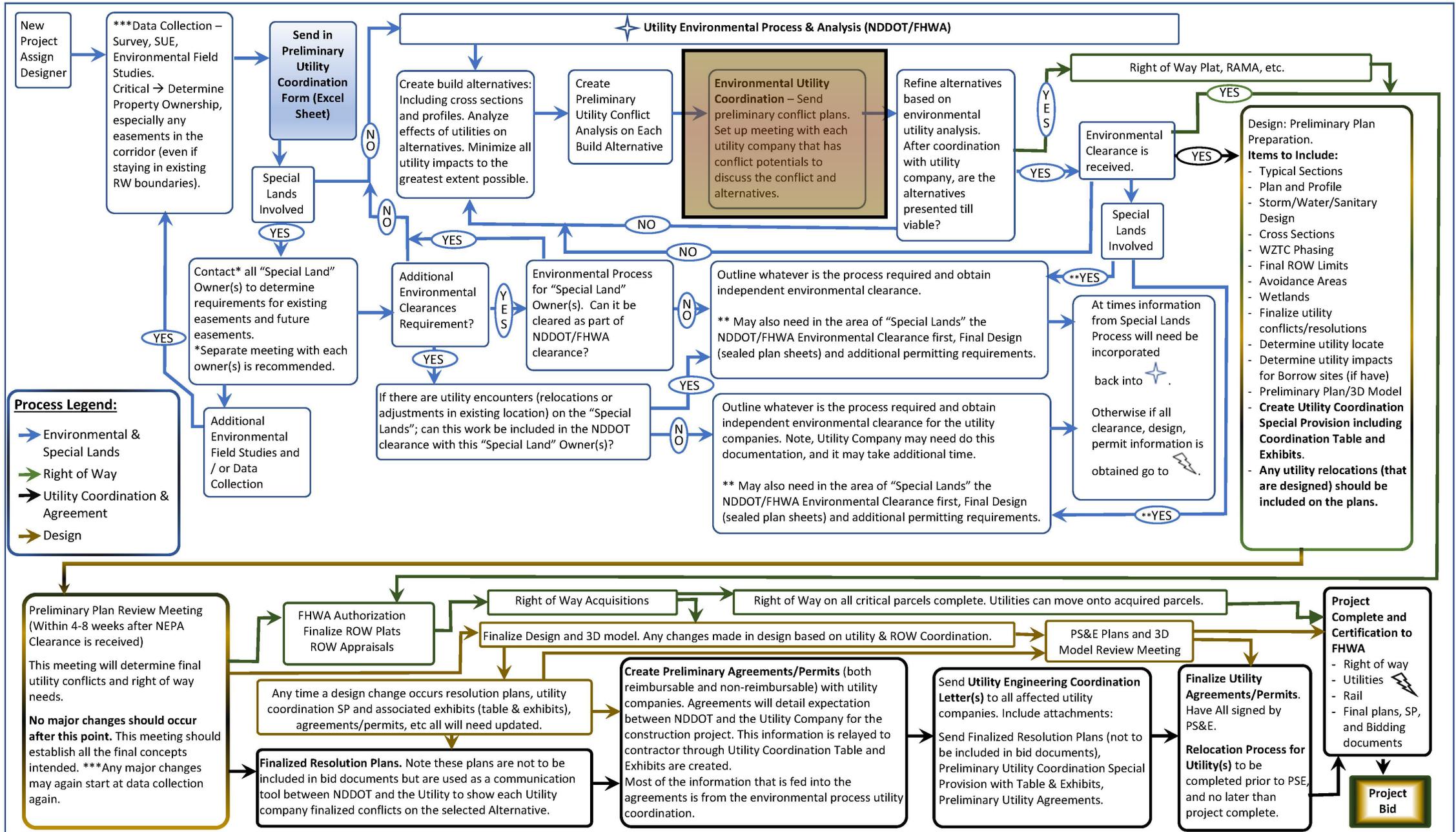
- NEPA
- LEDPA
- Other Agencies / Gvt. / Tribe
- Special Land/Utility Process
 - Permitting
 - Easements
 - Design



Utilities During The Environmental Process

Flow Chart of Utility Process

Everyone knows where everyone goes!



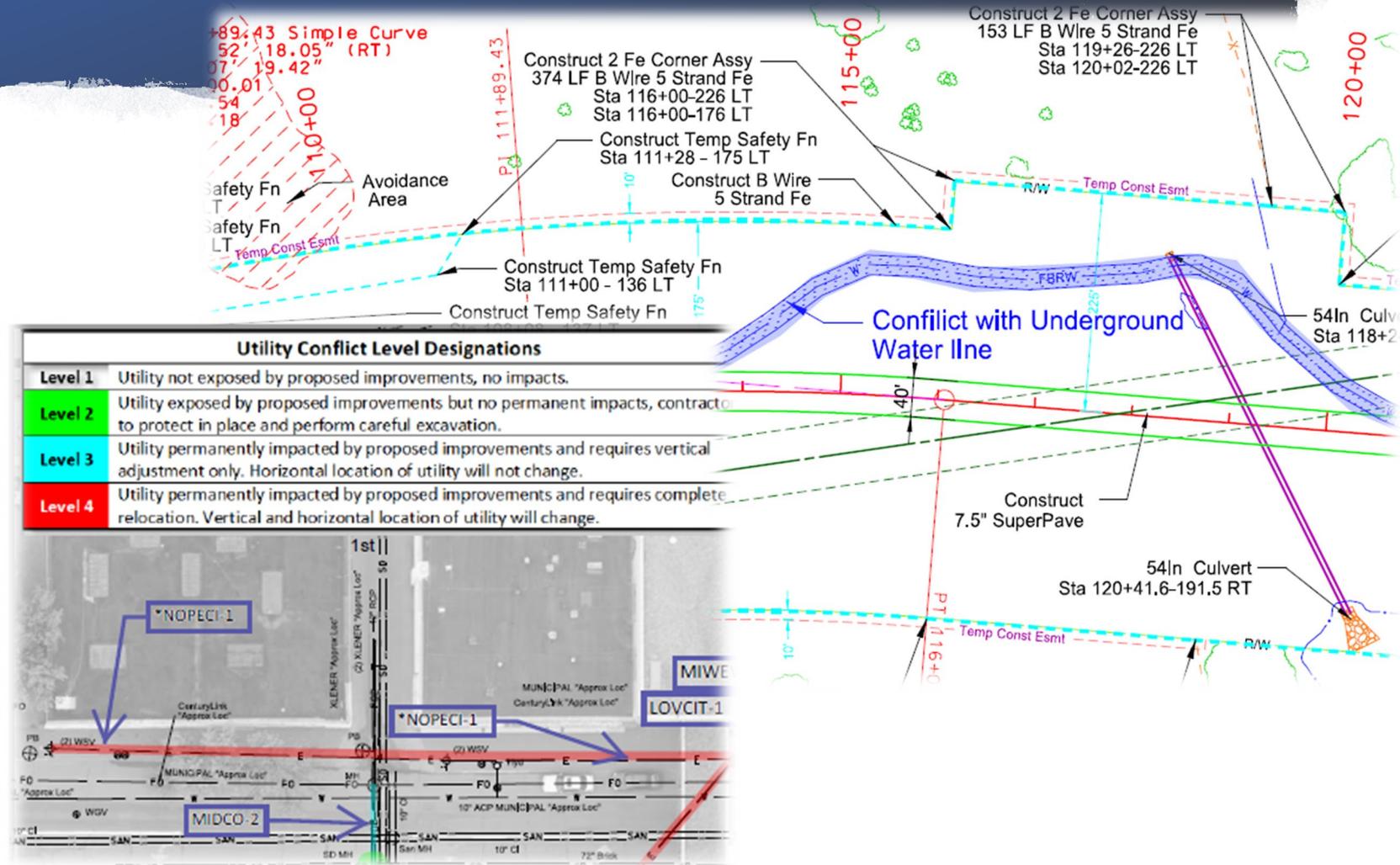
Critical: Preliminary Utility Coordination

During the Environmental Process!



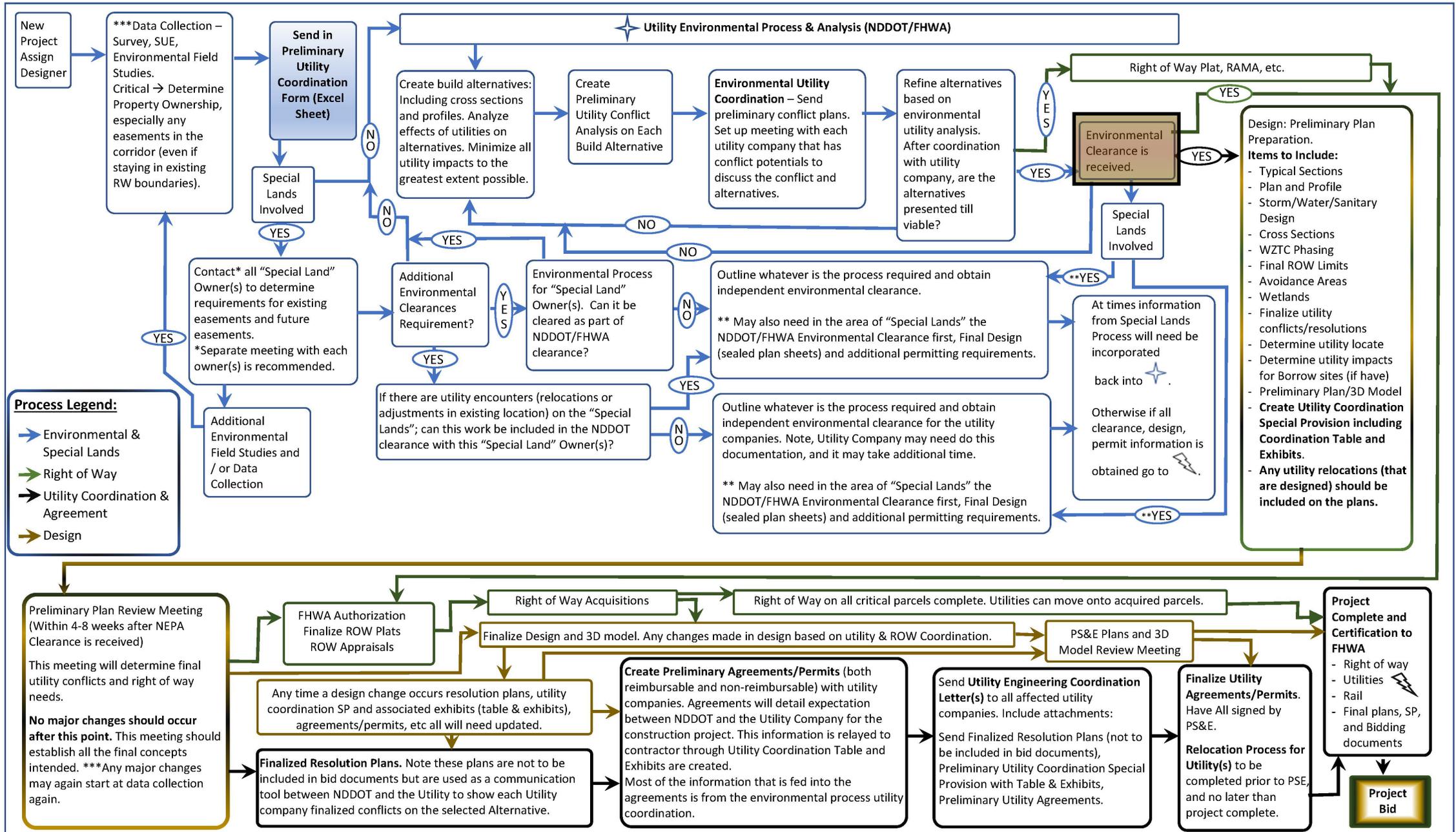
Preliminary Utility Coordination During the Environmental Process!

- Preliminary Conflicts Plans on all Alternatives
- Coordination should help create preliminary coordination table & exhibits to be used in SP.



Flow Chart of Utility Process

Everyone knows where everyone goes!



Environmental
Clearance Received
Finish Preliminary Design

Review Meeting 4-8 Weeks

After Clearance Received

CAT EX

FONSI



ROD

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Preliminary Plan Review Meeting

- Plan/profiles set
- Typical Sections
- Cross Section
- Storm/Water/Sanitary Design
- Final Right of Way Limits Set
- Wetland/Avoidance Areas Shown
- Finalize the Utility Conflicts
- Have most of the Utility Resolutions
- Borrow Site Utilities
- Finalize Utility Coordination SP
- Designed Utility Relocations
- Preliminary 3D Models

**ONLY MINOR
CHANGES TO
OCCUR AFTER
THIS MEETING**

Speak Now

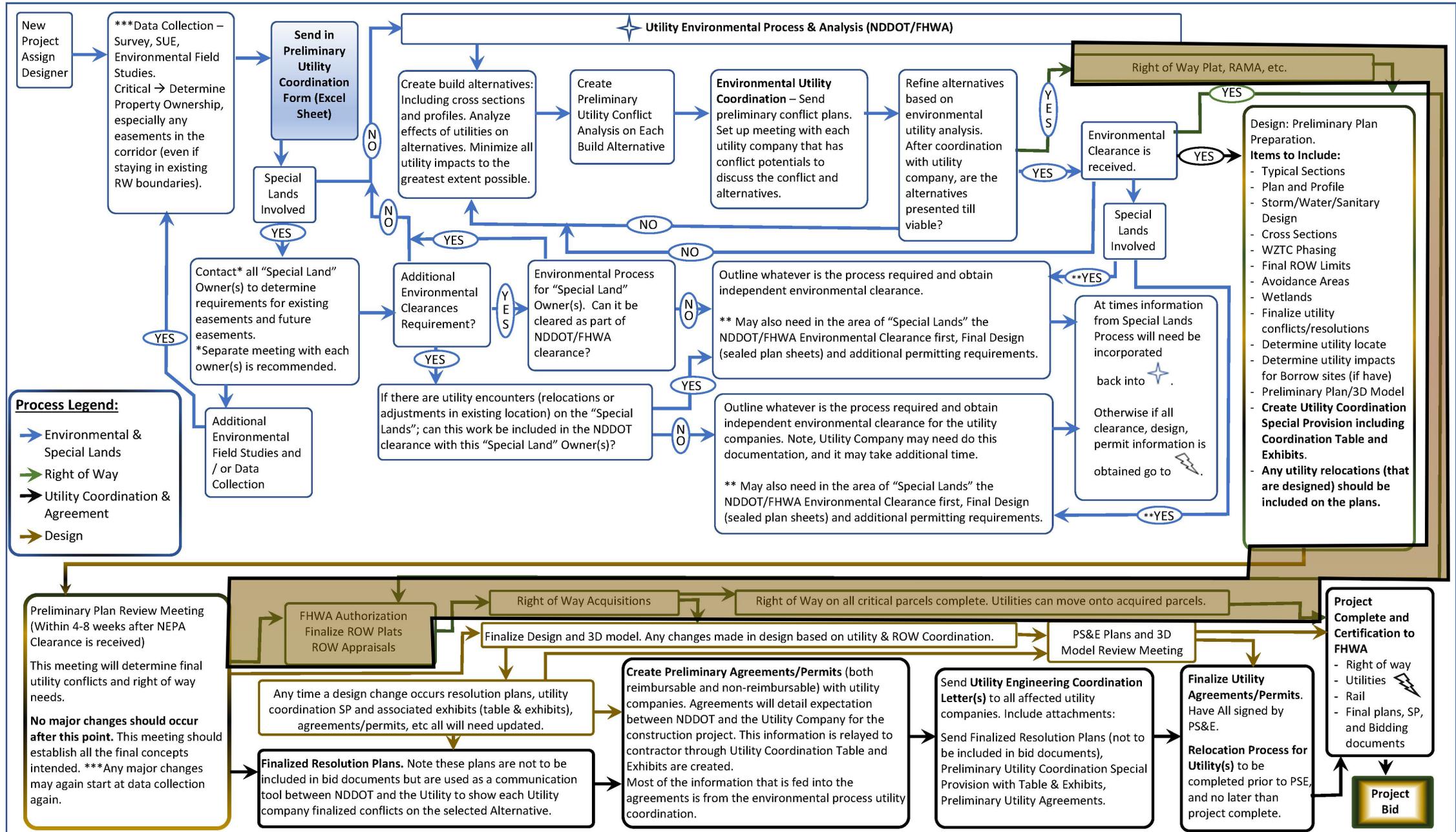
OR

**Forever Hold
Your Peace...**

**PLAN
REVIEW MEETING**

Flow Chart of Utility Process

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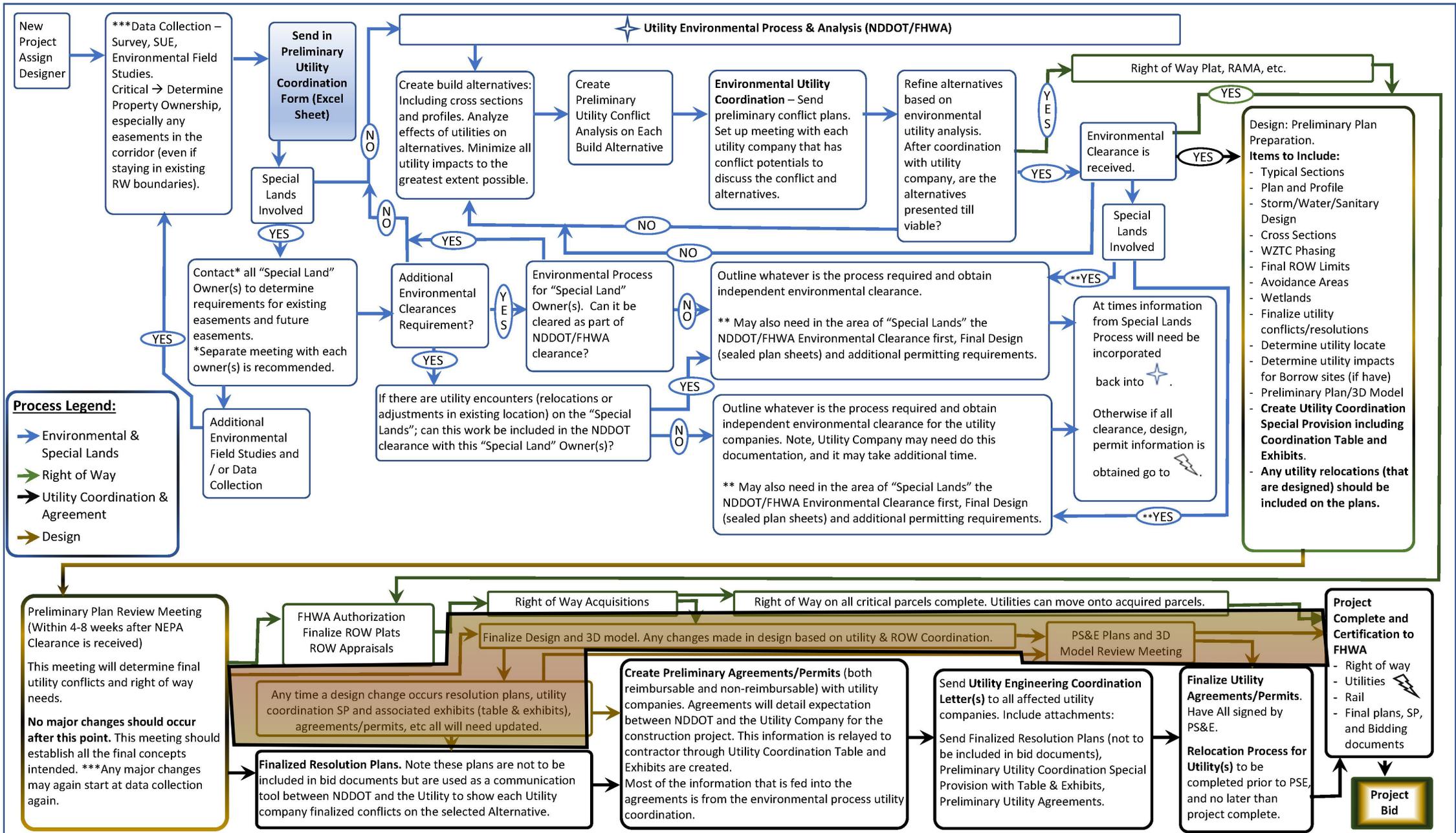


- Critical Parcel(s)
- Purchased to allow for relocations to be complete by PSE

Right of Way

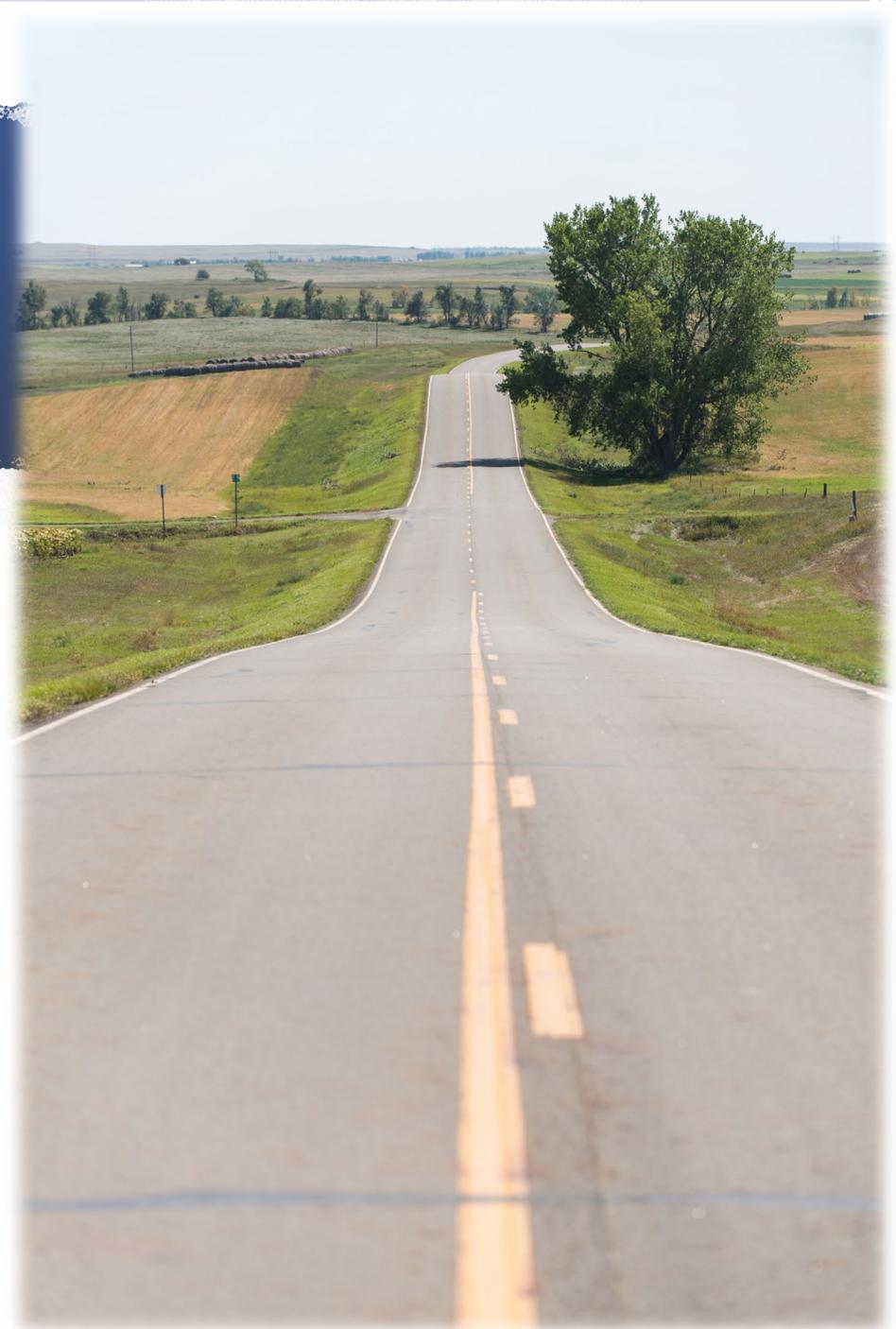
Everyone knows where everyone goes!

Flow Chart of Utility Process



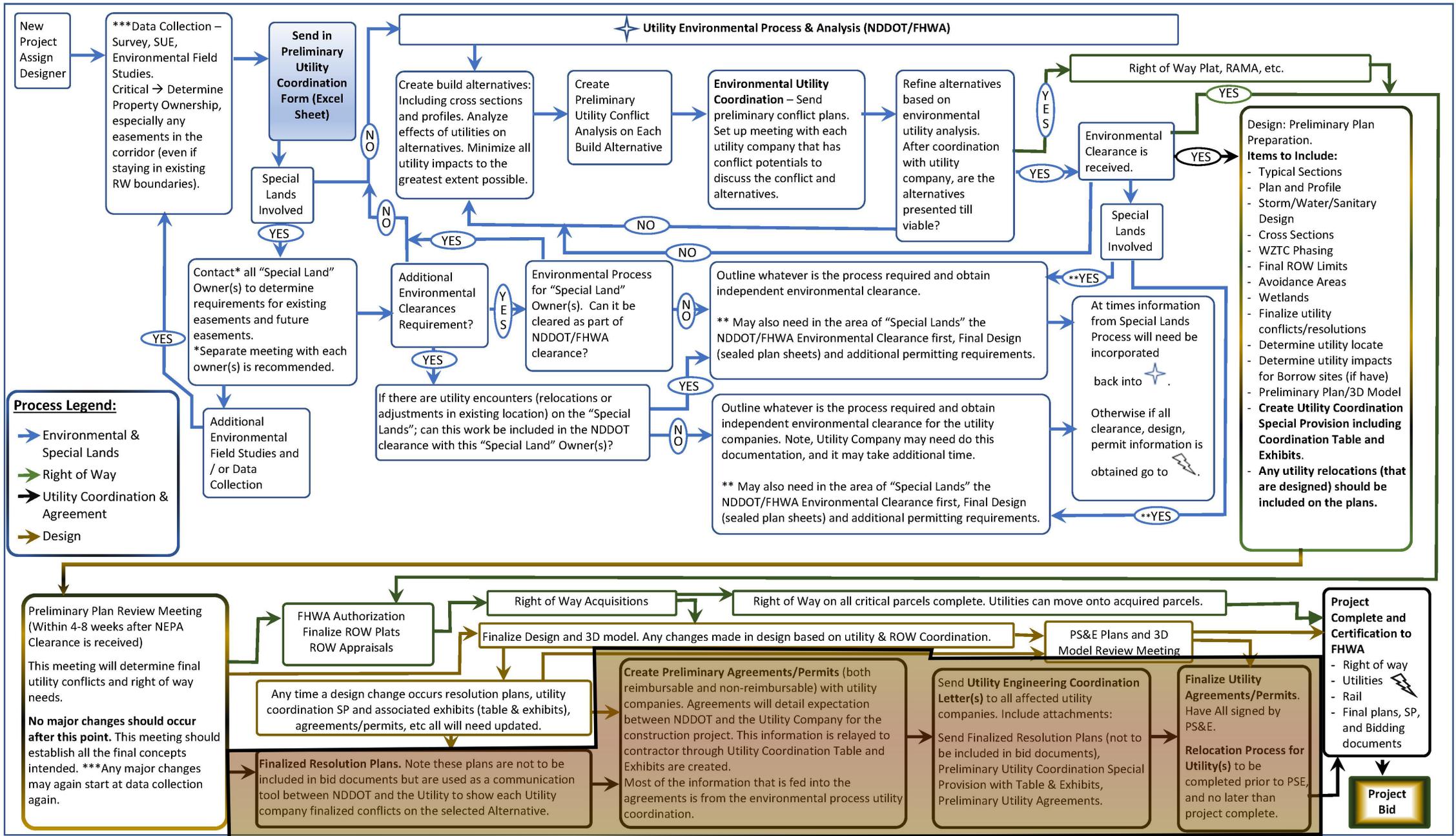
Design

- Finish Plans
- 3D Model
- Make Any Changes Due To Right Of Way Negotiations
- Make Any Changes Utility Coordination Finalization



Flow Chart of Utility Process

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Utility Engineering Coordination

Should be completed so that relocations can be completed by PSE

- **Utility Resolution Plans /Table**

(Communication NDDOT & Utility Company)

- **Preliminary Utility Agreements/Permit**

(Communication NDDOT & Utility Company)

- **Finalize Utility Special Provision**

(Communication NDDOT & Contractor)

- **Construction Mtgs.**

(Communication NDDOT, Utility & Contractor)



Utility Conflict Plan

R/W lines, Wetlands and other special lands



Utility Conflict Plan

Sheet piling and back slope encounter with Fiber Optic Cables



Utility Conflicts

Utility Conflicts - Will become Eventually the Utility Coordination Table Appendix A of SP XXXX
 SS-4-073(023)001 PCN 22160
 Sorted By Station

UE ID# UR ID# PUR ID#	Utility Coordination Exhibits	Approx. Sta From	Approx. Sta To	LT/RT or Crossing or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level	Comments	Utility Company	Type of Facility	After Notification - Time For Utility to Mobilize (D = Working Day, W = Week)	Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours)	UTILITY ENCOUNTER TYPE (UE)	
															Protect in Place	Conflict
RESTEL-1	1	2109+00	to 2112+50	Rt	Main	350.0	LF	4	Level 4	Fiber Optic line in the way of revised back slope and ditch widening.	Reservation Telephone	Fiber Optic Line				X
RESTEL-2	1	2113+90	to 2115+20	Rt	Main	160.0	LF	80	Level 4	Fiber Optic line in the way of piling placement for de-watering channel for box placement. Line must be relocated prior to bypass construction.	Reservation Telephone	Fiber Optic Line				X
RESTEL-3	1	2117+00	to 2118+00	Rt	Main	100.0	LF	4	Level 4	Fiber Optic line in the way of revised back slope and ditch widening.	Reservation Telephone	Fiber Optic Line				X
RESTEL-4	1	2130+30	to 2130+30	Rt	Main	0.0	LF	-	Level 1	Utility to remain. Protect in Place.	Reservation Telephone	Fiber Optic Line			X	

UTILITY COMPANY INFORMATION

TILITY COMPANY	CONTACT NAME	PHONE NUMBER	EMAIL
Reservation Telephone	Jenny	701-867-5309	Jenny@caltrv.com

UTILITY ENCOUNTER LEVEL DESIGNATIONS

UE LEVEL	DESCRIPTION
Level 1	Utility not exposed by proposed improvements, no impacts.
Level 2	Utility exposed by proposed improvements but no permanent impacts, contractor to protect in place and perform careful excavation.
Level 3	Utility permanently impacted by proposed improvements and requires vertical adjustment only. Horizontal location of utility will not change.
Level 4	Utility permanently impacted by proposed improvements and requires complete relocation. Vertical and horizontal location of utility will change.
Proposed Level 1	Utility that is to be relocated by the Utility Company, and after Utility is relocated to the new location, the final Encounter Level would be that of Level 1: Utility not exposed by proposed improvements, no impacts.
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Sorted by Station

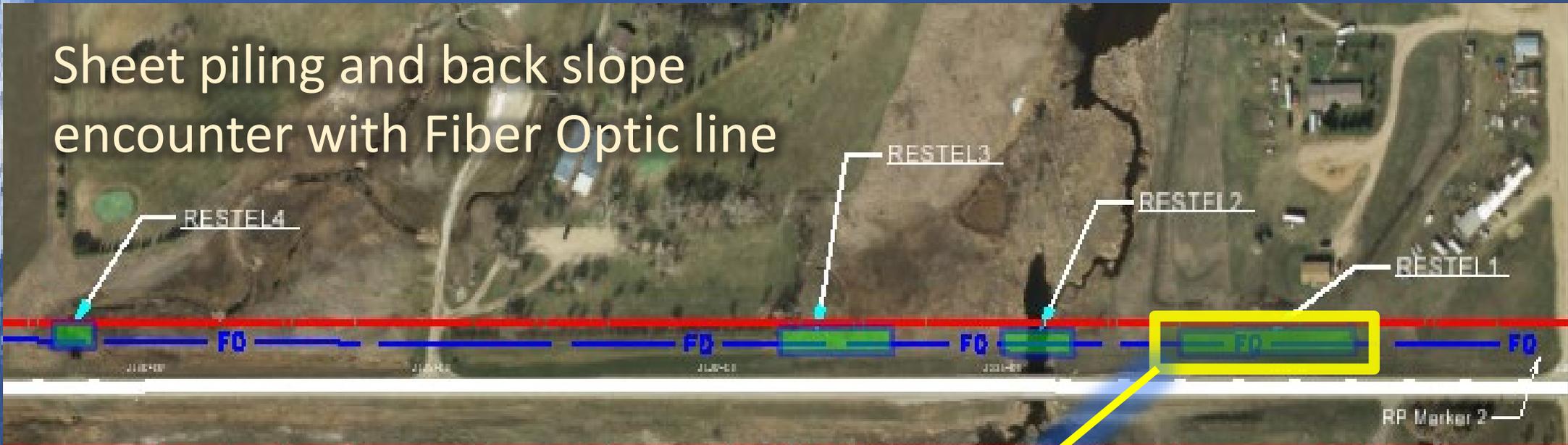
Max Excavation / Fill (+) feet	Encounter Level	Comments	Utility Company	Type of Facility	After Notification - Time For Utility to Mobilize (D = Working Day, W = Week)	Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours)	UTILITY ENCOUNTER TYPE (UE)	
							Protect in Place	Conflict
4	Level 4	Fiber Optic line in the way of revised back slope and ditch widening.	Reservation Telephone	Fiber Optic Line				X
80	Level 4	Fiber Optic line in the way of piling placement for de-watering channel for box placement. Line must be relocated prior to bypass construction.	Reservation Telephone	Fiber Optic Line				X
4	Level 4	Fiber Optic line in the way of revised back slope and ditch widening.	Reservation Telephone	Fiber Optic Line				X
	Level 1	Utility to remain. Protect in Place.	Reservation Telephone	Fiber Optic Line			X	

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Utility Conflict Plan

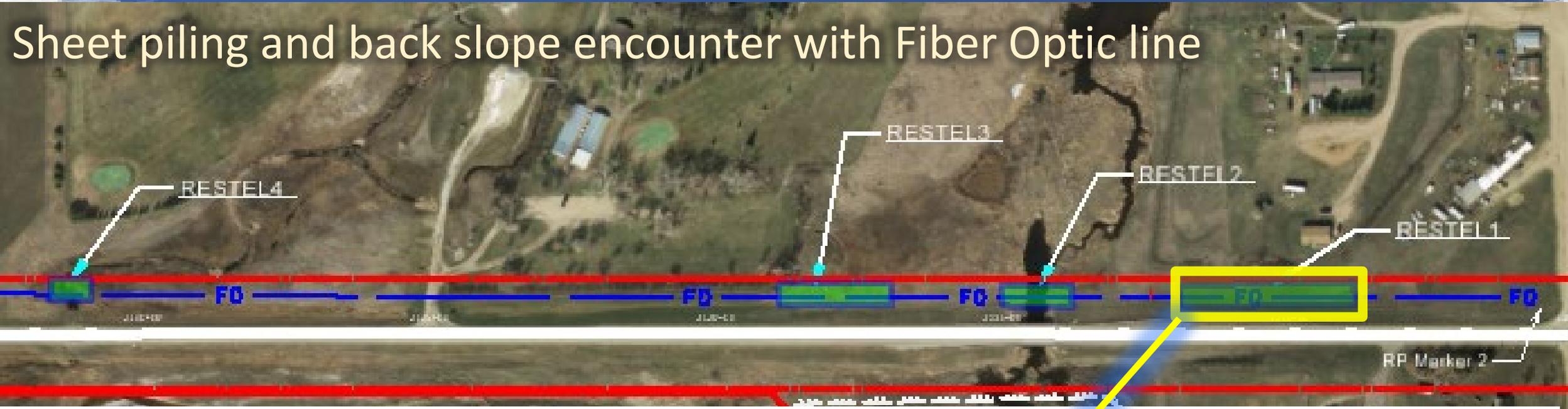
Sheet piling and back slope encounter with Fiber Optic line



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RESTEL-2	1	2113+90	to 2115+20	Rt	Main	160.0	LF	80	Level 4
RESTEL-3	1	2117+00	to 2118+00	Rt	Main	100.0	LF	4	Level 4
RESTEL-4	1	2130+30	to 2130+30	Rt	Main	0.0	LF	-	Level 1

Utility Conflict Plan

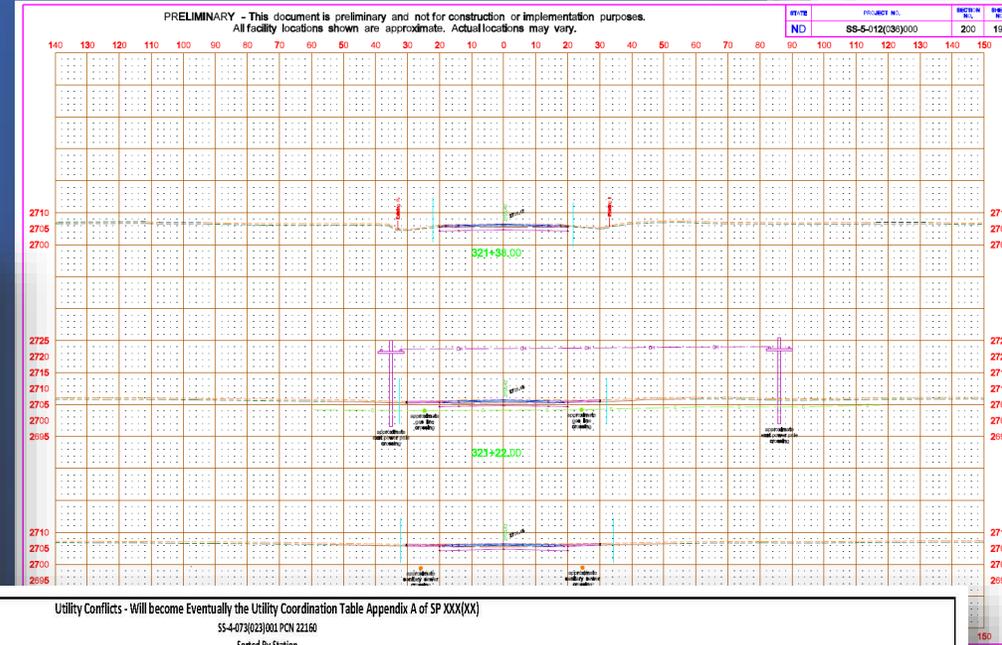
Sheet piling and back slope encounter with Fiber Optic line



Utility Coordination Table Appendix A of SP XXX(XX)
 SS-4-037(023)001 PCN 22160
 Sorted By Company

Comments	Utility Company	Type of Facility	After Notification - Time For Utility to Mobilize (D = Working Day, W = Week)	Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours)	UTILITY ENCOUNTER TYPE (UE)	
					Protect in Place	Conflict
Fiber Optic line in the way of revised back slope and ditch widening.	Reservation Telephone	Fiber Optic Line				X
Fiber Optic line in the way of piling placement for de-watering channel for box placement.	reservation Telephone	Fiber Optic Line				X
Fiber Optic line in the way of piling placement for de-watering channel for box placement.	Reservation Telephone	Fiber Optic Line				X
Fiber Optic line in the way of piling placement for de-watering channel for box placement. Line must be relocated prior to bypass construction.	Reservation Telephone	Fiber Optic Line				X

Sending Utility Conflict Plans



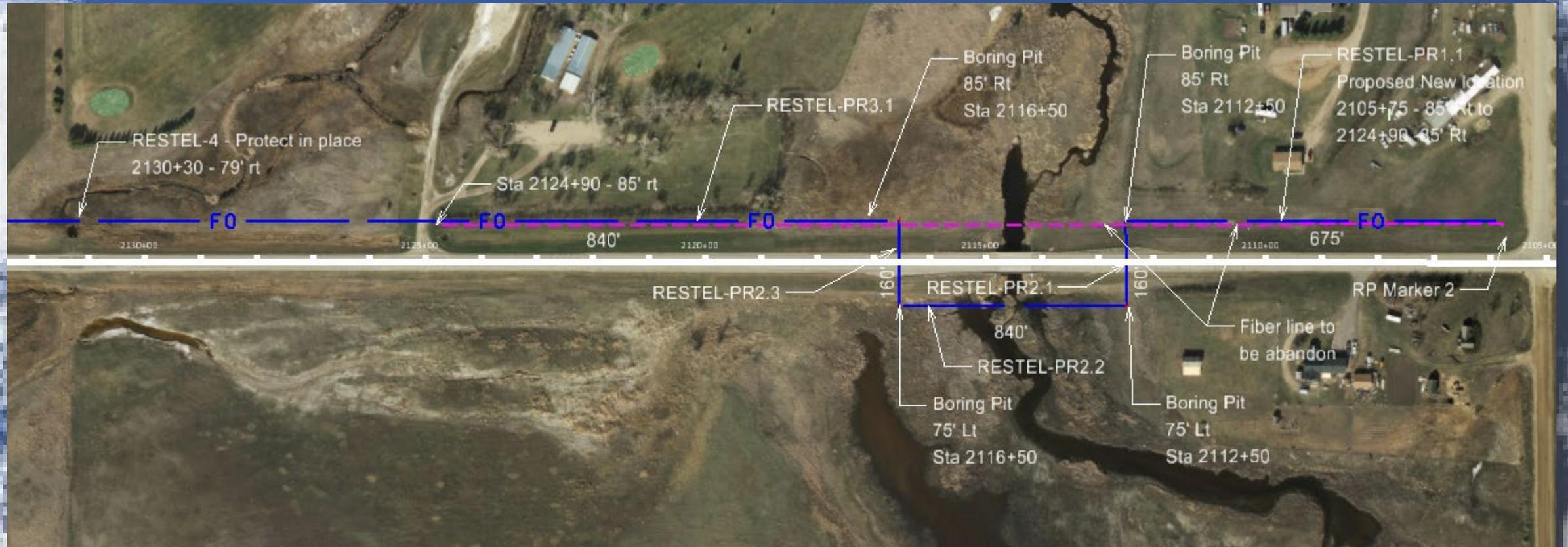
Utility Conflicts - Will become Eventually the Utility Coordination Table Appendix A of SP XXX(XX)
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RESTEL-2	1	2113+90	to 2115+20	Rt	Main	160.0	LF	80	Level 4	Fiber Optic line in the way of piling placement for de-watering channel for box placement. Line must be relocated prior to bypass construction.	Reservation Telephone	Fiber Optic Line				X
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Proposed Utility Resolution Plan Sheet



Updating Table and Segment sheets

FOR STATE USE ONLY:

Location Number: Begin RP: End RP:
 District Tracking Number: Begin Offset: End Offset:

This is a Reimbursable Resolution and a Permit Is Needed

Percent Reimbursable: Percent Non-Reimbursable:

APPLICANT INFORMATION:

Permit Code: Nearest Highway Jct. or City to BP: Utility Location:
 Highway: Approximate Miles From: Direction:

New Location Beginning Point (BP)

Nearest Reference Marker (RM) to BP: Direction:
 Longitudinal Offset from RM (Feet): Direction:
 Station: Station:
 Offset (Feet): Offset (Feet):
 RT or LT: RT or LT:

New Location Ending Point (EP)

Nearest Reference Marker (RM) to EP: Direction:
 Longitudinal Offset from RM (Feet): Direction:
 Station: Station:
 Offset (Feet): Offset (Feet):
 RT or LT: RT or LT:

Utility Coordination Details

Will The Utility Be Relocated Prior to Construction? If Yes, Anticipated Start Date:
 If any part of the utility is needing relocation during construction: If Yes, Anticipated Completion Date:
 After Notification - Time For Utility to Mobilize (D = Working Day, W = Week): Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours):

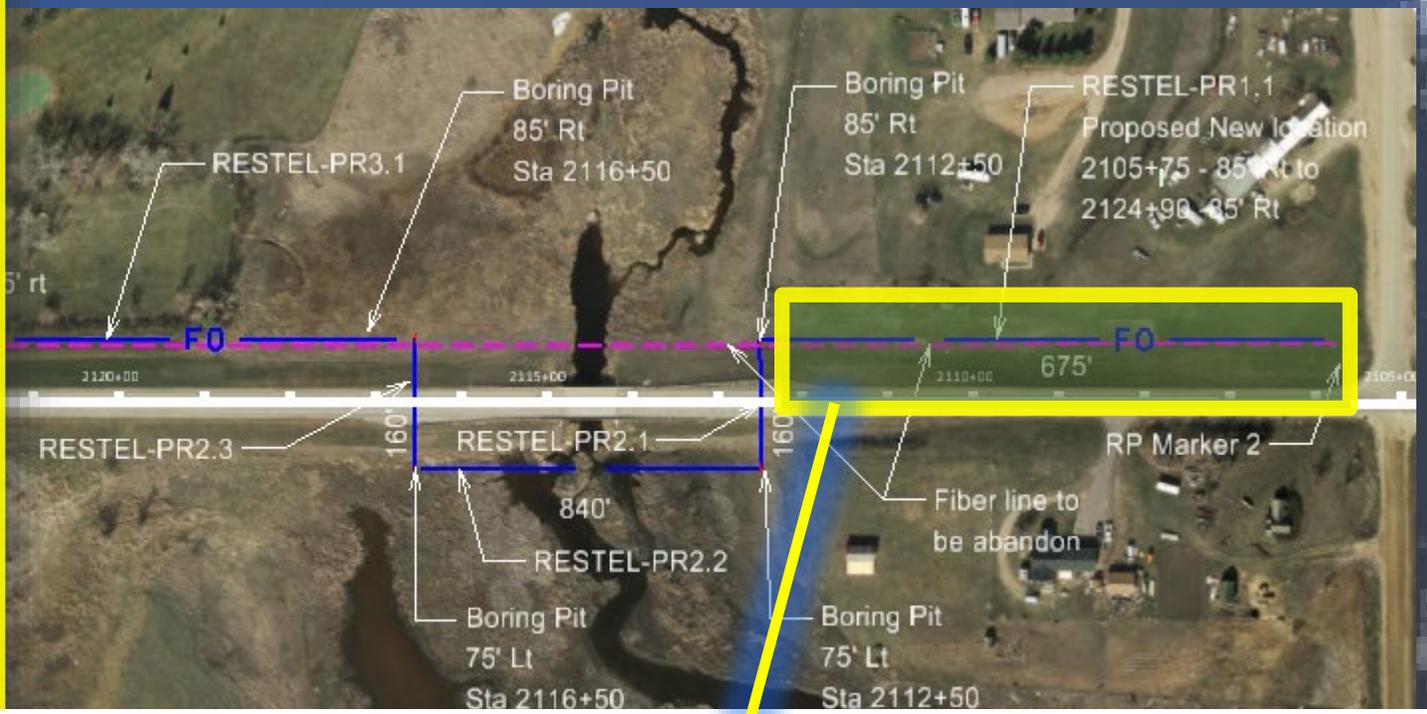
Additional Needs Prior to Starting Utility Relocation Work

ENVIRONMENTAL COMMITMENTS (EC)

Are there any Environmental Commitments that will affect the utility resolution?
 If Yes, are there any Avoidance Sites fenced or Monitoring for the Utility Work to be performed?
 If yes, Days of notification needed for each of the commitments:
 If Yes, Any other details needed:

Specific Comments of Understanding For Utility Coordination (Information from the UE IDs connected to this Resolution)

Construction Activities: Sheet Piling and back slope Encounter with Fiber Optic Line
 Utility Company Responsibilities: Fiber Optic Line will be replaced prior to construction. If NDDOT/Contractor's Responsibilities: Protect line during construction.
 Additional Information for Resolution: The line is anticipated to be relocated prior to construction.

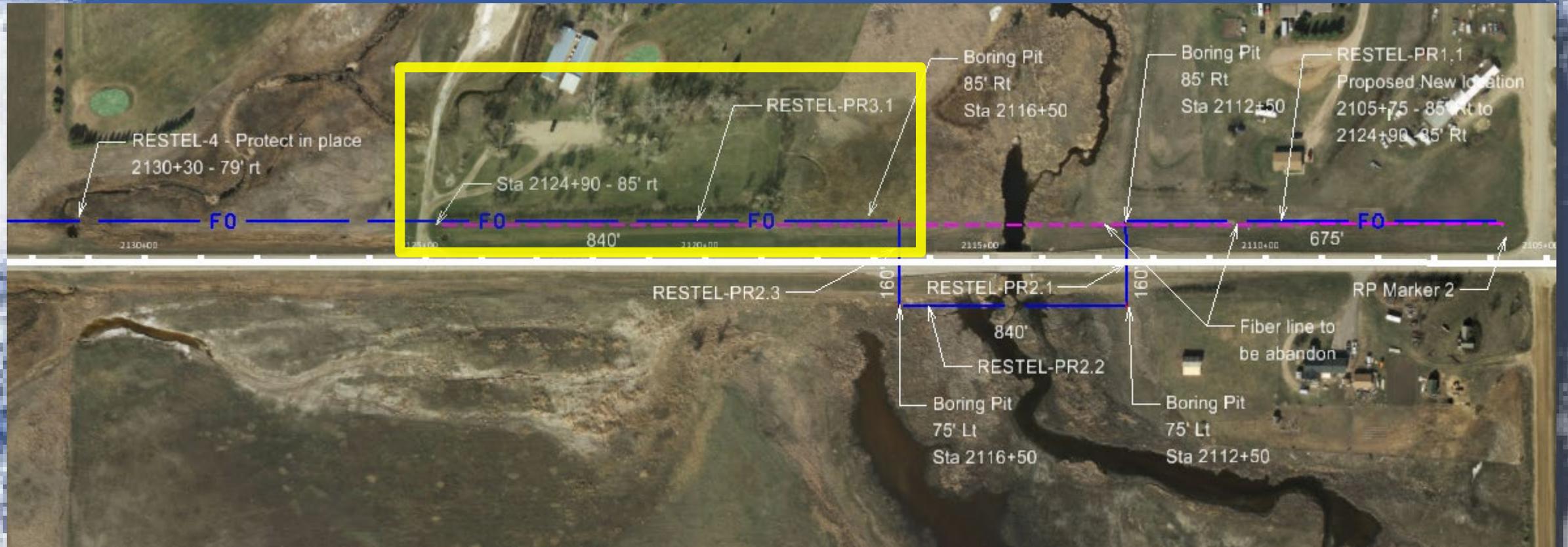


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RESTEL-PR1.1	1	2105+75	to 2112+50	Rt	Main	675.0	LF	0	Proposed Level 1

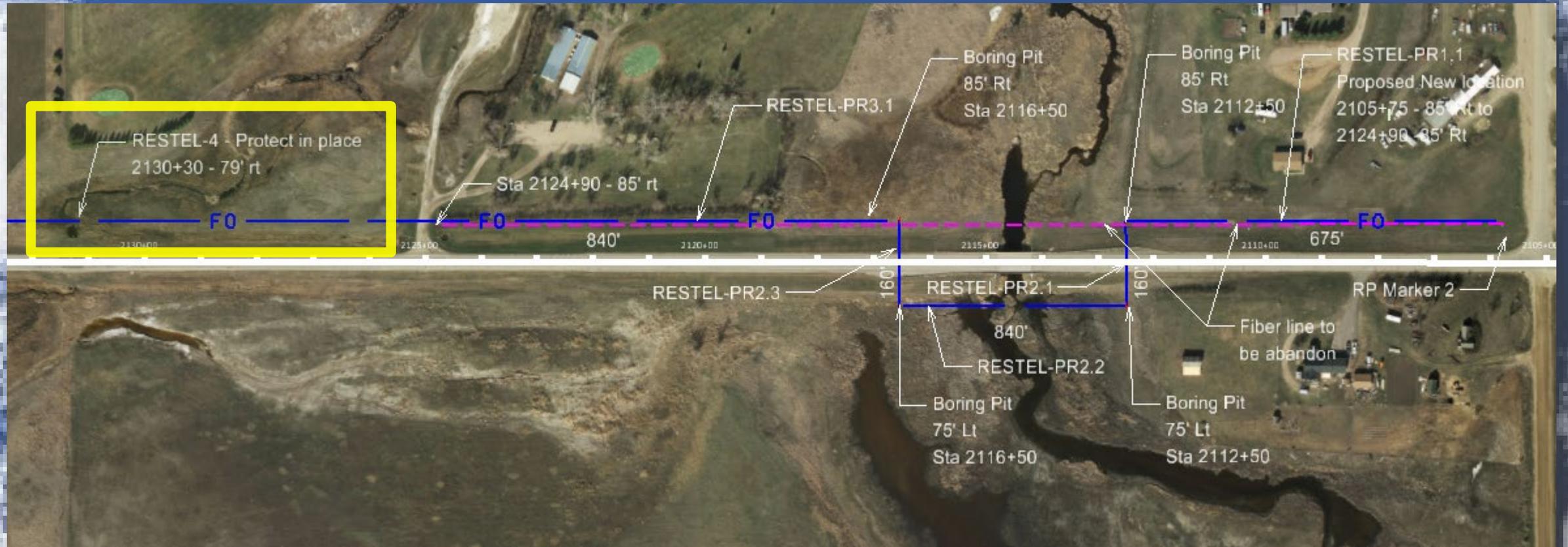
Proposed Utility Resolution Plan Sheet



Proposed Utility Resolution Plan Sheet



Proposed Utility Resolution Plan Sheet



Proposed Utility Segment Sheet

FOR STATE USE ONLY:

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 Highway: Approximate Miles From: Direction:

New Location Beginning Point (BP)

Nearest Reference Marker (RM) to BP:
 Direction:
 Longitudinal Offset from RM (Feet):
 Direction:
 Station:
 Offset (Feet):
 RT or LT:

New Location Ending Point (EP)

Nearest Reference Marker (RM) to EP:
 Direction:
 Longitudinal Offset from RM (Feet):
 Direction:
 Station:
 Offset (Feet):
 RT or LT:

Utility Coordination Details

Will the Utility Be Relocated Prior to Construction? If Yes, Anticipated Start Date:
 If Yes, Anticipated Completion Date:

If any part of the utility is needing relocation during construction:
 After Notification - Time For Utility to Mobilize (D = Working Day, W = Week): Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours):

Additional Needs Prior to Starting Utility Relocation Work

SURVEY:

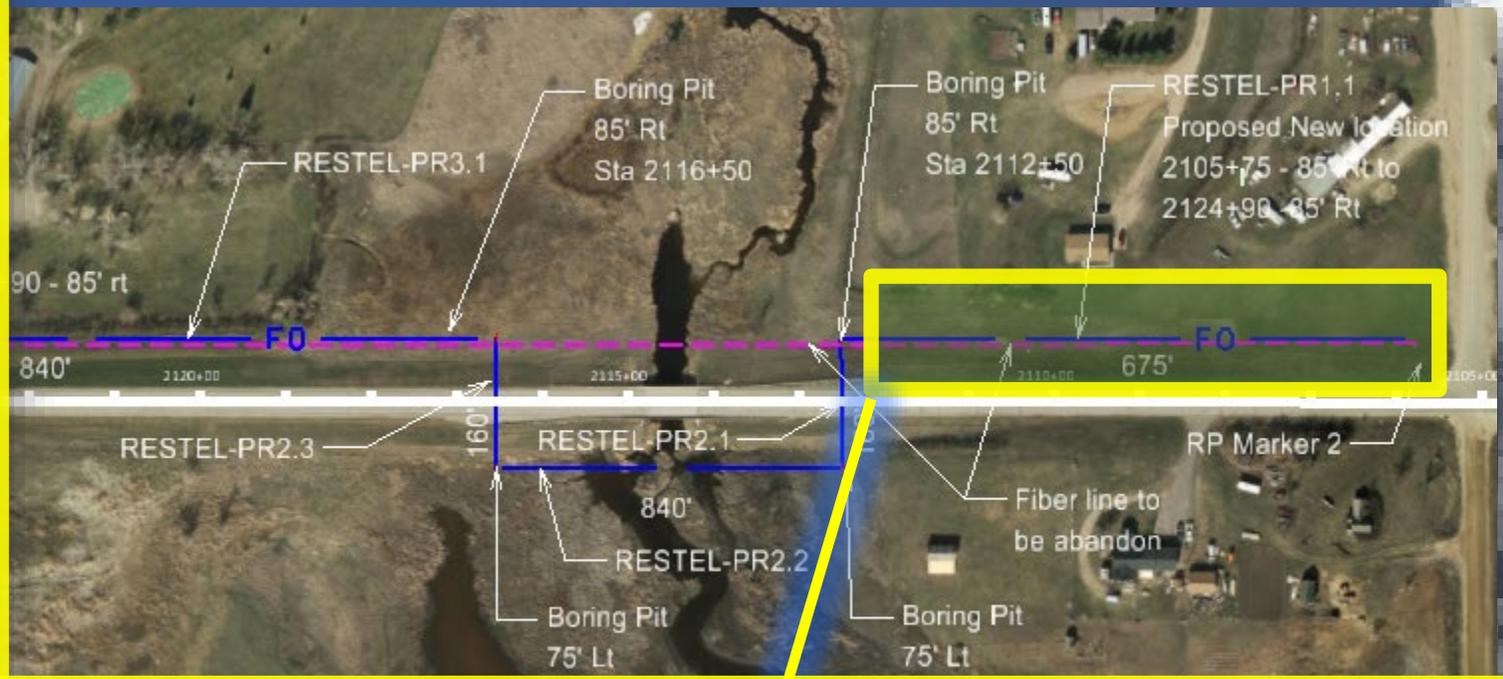
YES Does the Utility Company need survey?
 NDDOT If Yes, Survey to be Completed by (NDDOT or Utility Company)
 5 If Survey to be Completed by NDDOT, Days Utility Company Need to Notify NDDOT of Need

Other Survey Details:

ENVIRONMENTAL COMMITMENTS (EC)

YES Are there any Environmental Commitments that will affect the utility resolution?
 YES If Yes, are there any Avoidance Plans fenced or Monitoring for the Utility Work to be performed?
 If Yes, Days of notification needed for each of the commitments:

If Yes, Any other details needed:



UE ID# UR ID# PUR ID#	Utility Coordination Exhibits	Approx. Sta From	Approx. Sta To	LT/RT or Crossing or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level
RESTEL-1	1	2109+00	to 2112+50	Rt	Main	350.0	LF	4	Level 4
RESTEL-PR1.1	1	2105+75	to 2112+50	Rt	Main	675.0	LF	0	Proposed Level 1
RESTEL-2	1	2113+90	to 2115+20	Rt	Main	160.0	LF	80	Level 4
RESTEL-PR2.1	1	2112+50	to 2112+50	Crossing	Main	160.0	LF	0	Proposed Level 1
RESTEL-PR2.2	1	2112+50	to 2116+50	Lt	Main	400.0	LF	0	Proposed Level 1
RESTEL-PR2.3	1	2116+50	to 2116+50	Crossing	Main	160.0	LF	0	Proposed Level 1
RESTEL-3	1	2117+00	to 2118+00	Rt	Main	100.0	LF	4	Level 4
RESTEL-PR3.1	1	2116+50	to 2124+30	Rt	Main	840.0	LF	0	Proposed Level 1
RESTEL-4	1	2130+30	to 2130+30	Rt	Main	0.0	LF	-	Level 1

Specific Comments of Understanding For Utility Coordination (Information from the UE ID# Connected to this Resolution)

Construction Activities: Sheet Piling and back slope Encounter with fiber Optic Line
 Utility Company Responsibilities: Fiber Optic Line will be replaced prior to construction. If NDDOT/Contractor's Responsibilities: Protect line during construction.
 Additional Information for Resolution: The line is anticipated to be relocated prior to construction.

Proposed Utility Resolution Table

sorted by station

UE ID# UR ID# PUR ID#	Utility Coordination Exhibits	Approx. Sta From	Approx. Sta To	LT/RT or Crossing or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level	Comments	Utility Company	Type of Facility	After Notification - Time Per Utility to Mobilize (D = Working Day, W = Week, H = Hours)	Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours)	Project in Place	Conflict	UTILITY ENCOUNTER TYPE (UE)
RESTEL-1	1	2109+00	to 2112+50	Rt	Main	350.0	LF	4	Level 4	Fiber Optic line in the way of revised back slope and ditch widening. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	3		X	
RESTEL-PR1.1	1	2105+75	to 2112+50	Rt	Main	675.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-1	Reservation Telephone	Fiber Optic Line	NA	NA			
RESTEL-2	1	2113+90	to 2115+20	Rt	Main	160.0	LF	80	Level 4	Fiber Optic line in the way of piling placement for de-watering channel for box placement. Line must be relocated prior to bypass construction. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	1		X	
RESTEL-PR2.1	1	2112+50	to 2112+50	Crossing	Main	160.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-2	Reservation Telephone	Fiber Optic Line	NA	NA	X		
RESTEL-PR2.2	1	2112+50	to 2116+50	Lt	Main	400.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-2	Reservation Telephone	Fiber Optic Line	NA	NA	X		
RESTEL-PR2.3	1	2116+50	to 2116+50	Crossing	Main	160.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-2	Reservation Telephone	Fiber Optic Line	NA	NA	X		
RESTEL-3	1	2117+00	to 2118+00	Rt	Main	100.0	LF	4	Level 4	Fiber Optic line in the way of revised back slope and ditch widening. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	3		X	
RESTEL-PR3.1	1	2116+50	to 2124+90	Rt	Main	840.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-3	Reservation Telephone	Fiber Optic Line	7 Days	3		X	
RESTEL-4	1	2130+30	to 2130+30	Rt	Main	0.0	LF	-	Level 1	Utility to remain. Protect in Place.	Reservation Telephone	Fiber Optic Line	48 Hrs	0	X		

Comments	Utility Company	Type of Facility	After Notification - Time For Utility to Mobilize (D = Working Day, W = Week, H = Hours)	Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours)	Protect in Place	Conflict	UTILITY ENCOUNTER TYPE (UE)
	Reservation Telephone	Fiber Optic Line	7 Days	3		X	
	Reservation Telephone	Fiber Optic Line	NA	NA			
	Reservation Telephone	Fiber Optic Line	7 Days	1		X	
	Reservation Telephone	Fiber Optic Line	NA	NA	X		
	Reservation Telephone	Fiber Optic Line	NA	NA	X		
	Reservation Telephone	Fiber Optic Line	7 Days	3		X	
	Reservation Telephone	Fiber Optic Line	7 Days	3		X	
	Reservation Telephone	Fiber Optic Line	7 Days	3		X	

UTILITY COMPANY INFORMATION			
UTILITY COMPANY	CONTACT NAME	PHONE NUMBER	EMAIL
Reservation Telephone	Jenny	701-867-5309	jenny@rcdmw.com

UE ID# UR ID# PUR ID#	Utility Coordination Exhibits	Approx. Sta From	Approx. Sta To	LT/RT or Crossing or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level
RESTEL-4	1	2130+30	to 2130+30	Rt	Main	0.0	LF	-	Level 1

UTILITY COMPANY INFORMATION			
UTILITY COMPANY	CONTACT NAME	PHONE NUMBER	EMAIL
Reservation Telephone	Jenny	701-867-5309	

UE ID# UR ID# PUR ID#	Utility Coordination Exhibits	Approx. Sta From	Approx. Sta To	LT/RT or Crossing or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level
RESTEL-1	1	2109+00	to 2112+50	Rt	Main	350.0	LF	4	Level 4
RESTEL-PR1.1	1	2105+75	to 2112+50	Rt	Main	675.0	LF	0	Proposed Level 1
RESTEL-2	1	2113+90	to 2115+20	Rt	Main	160.0	LF	80	Level 4
RESTEL-PR2.1	1	2112+50	to 2112+50	Crossing	Main	160.0	LF	0	Proposed Level 1
RESTEL-PR2.2	1	2112+50	to 2116+50	Lt	Main	400.0	LF	0	Proposed Level 1
RESTEL-PR2.3	1	2116+50	to 2116+50	Crossing	Main	160.0	LF	0	Proposed Level 1
RESTEL-3	1	2117+00	to 2118+00	Rt	Main	100.0	LF	4	Level 4
RESTEL-PR3.1	1	2116+50	to 2124+90	Rt	Main	840.0	LF	0	Proposed Level 1
RESTEL-4	1	2130+30	to 2130+30	Rt	Main	0.0	LF	-	Level 1

Proposed Utility Resolution Table

UE ID# UR ID# PUR ID#	Utility Coordination Exhibits	Approx. Sta From	Approx. Sta To	LT/RT or Crossing or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level	Comments	Utility Company	Type of Facility	After Notification - Time For Utility to Mobilize (D = Working Day, W = Week)	Estimated Time to Complete Relocation (Week, H = Hours)	Protect in Place	Conflict
RSTEL-1	1	2109+00	to 2112+50	Rt	Main	350.0	LF	4	Level 4	Fiber Optic line in the way of revised back slope and ditch widening. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	3		X
RSTEL-PRL1	1	2105+75	to 2112+50	Rt	Main	675.0	LF	4	Proposed Level 1	This line will resolve UE RSTEL-1	Reservation Telephone	Fiber Optic Line	NA	NA	X	
RSTEL-2	1	2113+90	to 2115+20	Rt	Main	160.0	LF	50	Level 4	Fiber Optic line in the way of piling placement for de-watering channel for box placement. Line must be relocated prior to bypass construction. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	1		X
RSTEL-PRL2	1	2112+50	to 2112+50	Crossing	Main	360.0	LF	4	Proposed Level 1	This line will resolve UE RSTEL-2	Reservation Telephone	Fiber Optic Line	NA	NA	X	

Encounter Level	Comments	Utility Company	Type of Facility	After Notification - Time For Utility to Mobilize (D = Working Day, W = Week)	Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours)	UTILITY ENCOUNTER TYPE (UE)	
						Protect in Place	Conflict
Level 4	Fiber Optic line in the way of revised back slope and ditch widening. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	3		X
Proposed Level 1	This line will resolve UE RSTEL-1	Reservation Telephone	Fiber Optic Line	NA	NA	X	
Level 4	Fiber Optic line in the way of piling placement for de-watering channel for box placement. Line must be relocated prior to bypass construction. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	1		X
Proposed Level 1	This line will resolve UE RSTEL-2	Reservation Telephone	Fiber Optic Line	NA	NA	X	
Proposed Level 1	This line will resolve UE RSTEL-2	Reservation Telephone	Fiber Optic Line	NA	NA	X	
Proposed Level 1	This line will resolve UE RSTEL-2	Reservation Telephone	Fiber Optic Line	NA	NA	X	
Level 4	Fiber Optic line in the way of revised back slope and ditch widening. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	3		X
Proposed Level 1	This line will resolve UE RSTEL-3	Reservation Telephone	Fiber Optic Line	7 Days	3		X
Level 1	Utility to remain. Protect in Place.	Reservation Telephone	Fiber Optic Line	48 Hrs	0	X	

Utility Company	Type of Facility	After Notification - Time For Utility to Mobilize (D = Working Day, W = Week)	Estimated Time to Complete Relocation (Week, H = Hours)	Protect in Place	Conflict
Reservation Telephone	Fiber Optic Line	7 Days	3		X
Reservation Telephone	Fiber Optic Line	NA	NA	X	
Reservation Telephone	Fiber Optic Line	7 Days	1		X
Reservation Telephone	Fiber Optic Line	NA	NA	X	
Reservation Telephone	Fiber Optic Line	NA	NA	X	
Reservation Telephone	Fiber Optic Line	7 Days	3		X
Reservation Telephone	Fiber Optic Line	7 Days	3		X
Reservation Telephone	Fiber Optic Line	48 Hrs	0	X	

FOR STATE USE ONLY (Type or Print)

RIMS Document Number	Contract Number	District Tracking Number
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APPLICANT INFORMATION

Authorized Utility Agent (must be same as signatory for permit)

Company Name Reservation Communication Coop.	Contact Name Jenny	Telephone Number (701) 867-5309		
Mailing Address P.O. Box	City Parshall	State ND	ZIP Code 58770	Email Address jenny@callmy.email

Preparer - Consultant

Company Name NA	Contact Name	Telephone Number		
Mailing Address	City	State	ZIP Code	Email Address

Utility Contractor

Company Name TBD	Contact Name	Telephone Number		
Mailing Address	City	State	ZIP Code	Email Address

TYPE OF FACILITY (Complete appropriate space only.)

Description of Proposed Facility 12 Pair Fiber Optic Line		
Size of Facility 2 inch Conduit	Number of Cables	Length of Down Guys
Pipeline Pressure	Size of Casing	Length of Casing
Location of Pole(s)	Location of Appurtenances	Location - Others

TERMS AND CONDITIONS: Installation and maintenance of said facilities on highway right of way shall be subject to the North Dakota Department of Transportation's (NDDOT's) "A Policy for Accommodation of Utilities on State Highway Right of Way", current edition, and the following terms and conditions, attached hereto and made a part hereof.

The installation shall be completed on or before:

Date 6-1-2020

See page 2 for additional Terms and Conditions.

APPROVAL

Company Name (Utility Agency) Reservation Communication Coop.	Authorized Utility Agent Name (Type or Print)	Authorize Agent Title
Date	Authorized Agent's Signature	

To be signed by Owner, Partner, Corporate President, Vice President, or other authorized Corporate Officer. If signed by other authorized Corporate Officer, please attach copy of Power of Attorney or other documentation showing authority to sign.

The Owner is hereby granted permission to install and maintain the facilities applied for, as shown on the plans attached hereto, and made a part hereof.

NDDOT Approved Date

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

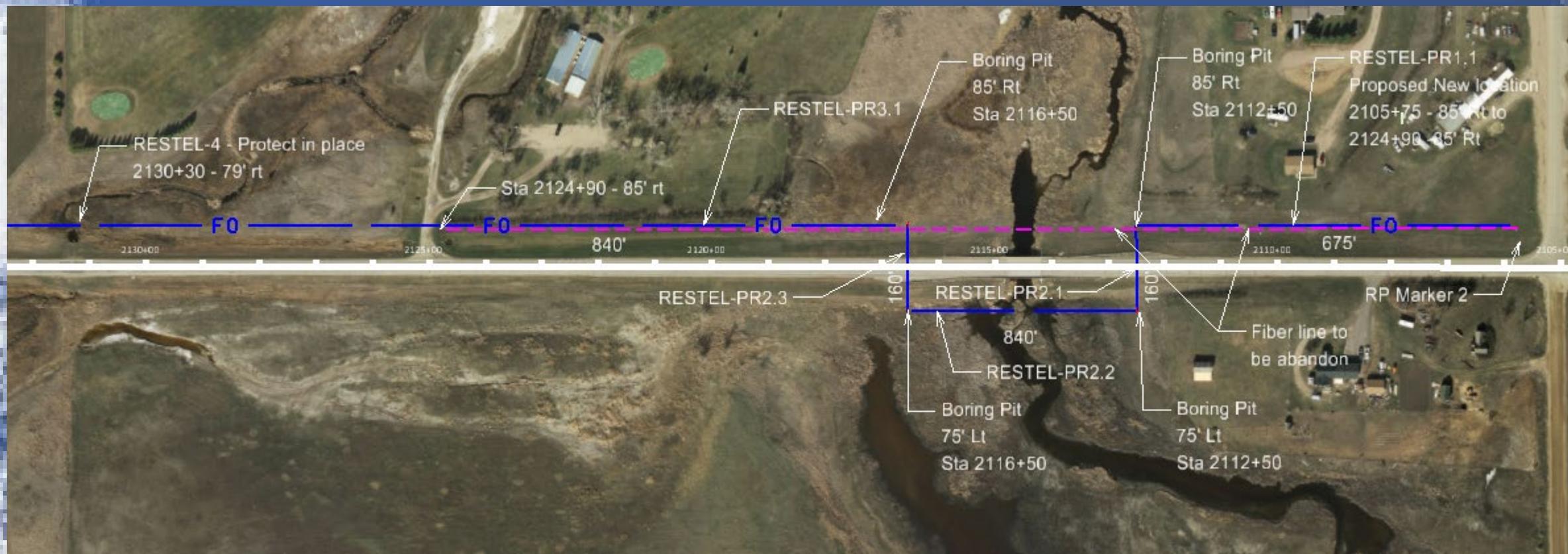
District Engineer (Type or Print)	District Engineer Signature
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Utility Permit

- (A) Installation/maintenance of said facilities shall be done in a manner satisfactory to the NDDOT district engineer.
- (B) Owner shall notify the NDDOT district engineer forty-eight (48) hours prior to installing, maintaining, relocating, or removing said facilities. All disturbed areas shall be restored to their original condition in a manner satisfactory to the NDDOT district engineer.
- (C) The owner shall be required to wear an ANSI/ISEA 107-2010 Class II high visibility garment while within the highway right-of-way as per the requirements of 23 CFR 634.
- (D) Owner shall repair or replace highway structures and appurtenances, and any existing facilities located on, over, or under highway right of way, which may be damaged as a result of the installation and maintenance of said facilities on highway right of way.
- (E) The Risk Management Appendix, attached, is hereby incorporated and made a part of this agreement.
- (F) Owner shall promptly remove said facilities from highway right of way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by NDDOT. The owner may be held responsible for delay costs caused by the owner's failure to use reasonable efforts to relocate or adjust facilities in a timely manner.
- (G) NDDOT specifically reserves the right to revoke, or change the terms and conditions of, this Permit with or without cause and upon notice to the Owner.
- (H) The Owner, for him or herself, his or her personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree that (1) no person, on the grounds of race, color, national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under such land and the furnishing of services thereon, no person, on the grounds of race, color, national origin, will be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the Owner will use the premises in compliance with all other requirements imposed by or pursuant to the Acts and regulations, such that no person on the grounds of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities set forth in this Assurance.

That in the event of breach of any of the above Non discrimination covenants, the NDDOT will have the right to terminate this Permit and to enter or re-enter and repossess said land and the facilities thereon and hold the same as if said Permit had never been made or issued.
- (I) If the utility facility includes drain tile, a "Request for Drainage on Highway Rights of Way", state form number 50909, must be made in conjunction with this permit.
- (J) The Department's review and subsequent approval of this permit request does not relieve the applicant of the responsibility to comply with all Federal and State laws and regulations that govern, but are not limited to, the protection of wetlands, threatened and endangered species, and migratory birds. The applicant is responsible to comply with all Federal and State laws and regulations that govern the protection of cultural resources within the permit application area (e.g., S.106 of the National Historic Preservation Act, 36 CRF Part 800; ND Century Code 55-02-07; ND Century Code 55-03-01.1). The applicant shall be aware of the ND State burial law (ND Century code 23-06-27; Administrative Rule 40-02) and ensure compliance for any discovery of human remains within the permit request area.
- (K) The Contractor agrees that NDDOT's review of the utility relocation plans, specifications, calculations, and field inspections shall be solely for NDDOT purposes and not for the benefit of the Utility or any third party and shall not be deemed to mean that the Utility's design and construction is structurally sound and appropriate or meets applicable federal and state regulations, laws, or local ordinances, codes, or industry standards (collectively, "Requirements"). The Utility affirms that it has taken all of the actions necessary and required for the construction, operation, and maintenance of its facility authorized hereunder, including compliance with all Requirements."
- (L) Detailed location maps showing lateral offsets from roadway centerlines are required for a permit.

Proposed Utility Resolution Sheet



Proposed Utility Resolution Table

(Information will eventually feed into the Utility Coordination SP Table)

UE ID# UR ID# PUR ID#	Utility Coordination Exhibits	Approx. Sta From	Approx. Sta To	LT/RT or Crossing or Point Location	Roadway (Alignment/Chain)	Approx Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level	Comments	Utility Company	Type of Facility	After Notification - Time For Utility to Mobilize (D = Working Day, E = Estimated Time to Complete Relocation (D = Working Day,	UTILITY ENCOUNTER TYPE (UE)		
														Protect in Place	Conflict	
RESTEL-1	1	2109+00	to 2112+50	Rt	Main	350.0	LF	4	Level 4	Fiber Optic line in the way of revised back slope and ditch widening. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	3		X
RESTEL-PR1.1	1	2105+75	to 2112+50	Rt	Main	675.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-1	Reservation Telephone	Fiber Optic Line	NA	NA	X	
RESTEL-2	1	2113+90	to 2115+20	Rt	Main	160.0	LF	80	Level 4	Fiber Optic line in the way of piling placement for de-watering channel for box placement. Line must be relocated prior to bypass construction. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	1		X
RESTEL-PR2.1	1	2112+50	to 2112+50	Crossing	Main	160.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-2	Reservation Telephone	Fiber Optic Line	NA	NA	X	
RESTEL-PR2.2	1	2112+50	to 2116+50	Lt	Main	400.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-2	Reservation Telephone	Fiber Optic Line	NA	NA	X	
RESTEL-PR2.3	1	2116+50	to 2116+50	Crossing	Main	160.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-2	Reservation Telephone	Fiber Optic Line	NA	NA	X	
RESTEL-3	1	2117+00	to 2118+00	Rt	Main	100.0	LF	4	Level 4	Fiber Optic line in the way of revised back slope and ditch widening. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	3		X
RESTEL-PR3.1	1	2116+50	to 2124+90	Rt	Main	840.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-3	Reservation Telephone	Fiber Optic Line	7 Days	3		X
RESTEL-4	1	2130+30	to 2130+30	Rt	Main	0.0	LF	-	Level 1	Utility to remain. Protect in Place.	Reservation Telephone	Fiber Optic Line	48 Hrs	0	X	

UTILITY COMPANY INFORMATION

UTILITY COMPANY	CONTACT NAME	PHONE NUMBER	EMAIL
Reservation Telephone	Jenny	701-867-5309	Jenny@callmy.com

UTILITY ENCOUNTER LEVEL DESIGNATIONS

UE LEVEL	DESCRIPTION
Level 1	Utility not exposed by proposed improvements, no impacts.
Level 2	Utility exposed by proposed improvements but no permanent impacts, contractor to protect in place and perform careful excavation.
Level 3	Utility permanently impacted by proposed improvements and requires vertical adjustment only. Horizontal location of utility will not
Level 4	Utility permanently impacted by proposed improvements and requires complete relocation. Vertical and horizontal location of utility will
Proposed Level 1	Utility that is to be relocated by the Utility Company, and after Utility is relocated to the new location, the final Encounter Level would be that of Level 1: Utility not exposed by proposed improvements, no impacts.
Proposed Level 2	Utility that is to be relocated by the Utility Company, and after Utility is relocated to the new location, the final Encounter Level would be that of Level 2: Utility exposed by proposed improvements but no permanent impacts, contractor to protect in place and perform careful excavation.

Permit Segment Sheet

Location Number: <input type="text"/>		FOR STATE USE ONLY:		Begin RP: <input type="text"/>		End RP: <input type="text"/>	
District Tracking Number: <input type="text"/>		Begin Offset: <input type="text"/>		End Offset: <input type="text"/>			
This is a Reimbursable Resolution and a Permit is Needed							
Percent Reimbursable: <input type="text" value="8.00%"/>		Percent Non-Reimbursable: <input type="text" value="92.00%"/>					
APPLICANT INFORMATION:							
Permit Code: <input type="text" value="PM CD: 1"/>		Nearest Highway Jct. or City to BP: <input type="text" value="Parshall"/>		Utility Location: <input type="text" value="Along / Parallel"/>			
Highway: <input type="text" value="37"/>		Approximate Miles From: <input type="text" value="0"/>		Direction: <input type="text" value="South"/>			
New Location Beginning Point (BP)				New Location Ending Point (EP)			
Nearest Reference Marker (RM) to BP: <input type="text" value="2"/>		Nearest Reference Marker (RM) to EP: <input type="text" value="2"/>		Direction: <input type="text" value="South"/>		Direction: <input type="text" value="South"/>	
Direction: <input type="text" value="South"/>		Direction: <input type="text" value="South"/>		Longitudinal Offset from RM (Feet): <input type="text" value="0"/>		Longitudinal Offset from RM (Feet): <input type="text" value="675"/>	
Longitudinal Offset from RM (Feet): <input type="text" value="0"/>		Direction: <input type="text" value="South"/>		Direction: <input type="text" value="South"/>		Station: <input type="text" value="2105+75"/>	
Direction: <input type="text" value="South"/>		Station: <input type="text" value="2105+75"/>		Station: <input type="text" value="2112+50"/>		Offset (Feet): <input type="text" value="85"/>	
Station: <input type="text" value="2105+75"/>		Offset (Feet): <input type="text" value="85"/>		Offset (Feet): <input type="text" value="85"/>		RT or LT: <input type="text" value="RT"/>	
Offset (Feet): <input type="text" value="85"/>		RT or LT: <input type="text" value="RT"/>		RT or LT: <input type="text" value="RT"/>			
RT or LT: <input type="text" value="RT"/>							
Utility Coordination Details							
Will The Utility Be Relocated Prior to Construction? <input type="text" value="Yes"/>				If Yes, Anticipated Start Date: <input type="text"/>			
If Yes, Anticipated Completion Date: <input type="text"/>				If any part of the utility is needing relocation during construction:			
After Notification - Time For Utility to Mobilize (D = Working Day, W = Week): <input type="text" value="7 D"/>		Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours): <input type="text"/>					
Additional Needs Prior to Starting Utility Relocation Work							
SURVEY:							
YES		Does the Utility Company need survey?					
NDDOT		If Yes, Survey to be Completed by (NDDOT or Utility Company)					
5		If Survey to be Completed by NDDOT, Days Utility Company Need to Notify NDDOT of Need					
Other Survey Details: <input type="text" value="Utility Company would like to have the proposed Right of way Staked."/>							
ENVIRONMENTAL COMMITMENTS (EC)							
YES		Are there any Environmental Commitments that will affect the utility resolution?					
YES		If Yes, are there any Avoidance Sites fenced or Monitoring for the Utility Work to be performed?					
If Yes, Days of notification needed for each of the Commitments:		5 D (Cultural Monitor), 3 W (Fence Area), 2 D (Wildlife Biologist)					
If Yes, Any other details needed: <input type="text" value="If cultural site by the stream need be avoided and cultural monitor need be present during installation. A temporary fence need be installed to keep cattle in during the installation of the fiber optic line. Prior to start of work each day, utility company will need to have a wildlife biologist walk the area for nests if installed June 20."/>							
Specific Comments of Understanding For Utility Coordination (Information from the UE ID# Connected to this Resolution)							
Construction Activities: Sheet Piling and back slope Enclosure with Fiber Optic Line Utility Company Responsibilities: Fiber Optic Line will be replaced prior to construction. If NDDOT/Contractor's Responsibilities: Protect line during construction. Additional Information for Resolution: The line is anticipated to be relocated prior to construction.							

NDDOT Project Number: SS-4-037(023)001 PCN 22160
 Utility Resolution Number: RESEL-PRI.1
 Resolution Plan Exhibit#: 2
 Utility Encounter ID The Utility Resolution Connected to: RESEL-1

Location Number: <input type="text"/>		FOR STATE USE ONLY:		Begin RP: <input type="text"/>		End RP: <input type="text"/>	
District Tracking Number: <input type="text"/>		Begin Offset: <input type="text"/>		End Offset: <input type="text"/>			
This is a Reimbursable Resolution and a Permit is Needed							
Percent Reimbursable: <input type="text" value="8.00%"/>		Percent Non-Reimbursable: <input type="text" value="92.00%"/>					
APPLICANT INFORMATION:							
Permit Code: <input type="text" value="PM CD: 1"/>		Nearest Highway Jct. or City to BP: <input type="text" value="Parshall"/>		Utility Location: <input type="text" value="Along / Parallel"/>			
Highway: <input type="text" value="37"/>		Approximate Miles From: <input type="text" value="0"/>		Direction: <input type="text" value="South"/>			
New Location Beginning Point (BP)				New Location Ending Point (EP)			
Nearest Reference Marker (RM) to BP: <input type="text" value="2"/>		Nearest Reference Marker (RM) to EP: <input type="text" value="2"/>		Direction: <input type="text" value="South"/>		Direction: <input type="text" value="South"/>	
Direction: <input type="text" value="South"/>		Direction: <input type="text" value="South"/>		Longitudinal Offset from RM (Feet): <input type="text" value="0"/>		Longitudinal Offset from RM (Feet): <input type="text" value="675"/>	
Longitudinal Offset from RM (Feet): <input type="text" value="0"/>		Direction: <input type="text" value="South"/>		Direction: <input type="text" value="South"/>		Station: <input type="text" value="2105+75"/>	
Direction: <input type="text" value="South"/>		Station: <input type="text" value="2105+75"/>		Station: <input type="text" value="2112+50"/>		Offset (Feet): <input type="text" value="85"/>	
Station: <input type="text" value="2105+75"/>		Offset (Feet): <input type="text" value="85"/>		Offset (Feet): <input type="text" value="85"/>		RT or LT: <input type="text" value="RT"/>	
Offset (Feet): <input type="text" value="85"/>		RT or LT: <input type="text" value="RT"/>		RT or LT: <input type="text" value="RT"/>			
RT or LT: <input type="text" value="RT"/>							
Utility Coordination Details							
Will The Utility Be Relocated Prior to Construction? <input type="text" value="Yes"/>				If Yes, Anticipated Start Date: <input type="text" value="Mid May"/>			
If Yes, Anticipated Completion Date: <input type="text" value="06/01/20"/>				If any part of the utility is needing relocation during construction:			
After Notification - Time For Utility to Mobilize (D = Working Day, W = Week): <input type="text" value="7 D"/>		Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours): <input type="text" value="5 D"/>					

NDDOT Project Number: SS-4-037(023)001 PCN 22160
 Utility Resolution Number: RESEL-PRI.1
 Resolution Plan Exhibit#: 2
 Utility Encounter ID The Utility Resolution Connected to: RESEL-1

Permit Segment Sheet

FOR STATE USE ONLY:

Location Number: Begin RP: End RP:
 District Tracking Number: Begin Offset: End Offset:

This is a Reimbursable Resolution and a Permit is Needed

Percent Reimbursable: Percent Non-Reimbursable:

APPLICANT INFORMATION:

Permit Code: Nearest Highway Jct. or City to BP: Utility Location: Highway: Approximate Miles From: Direction:

New Location Beginning Point (BP)

Nearest Reference Marker (RM) to BP: Direction:
 Longitudinal Offset from RM (Feet): Direction:
 Station: Offset (Feet): RT or LT:

New Location Ending Point (EP)

Nearest Reference Marker (RM) to EP: Direction:
 Longitudinal Offset from RM (Feet): Direction:
 Station: Offset (Feet): RT or LT:

Utility Coordination Details

Will the Utility Be Relocated Prior to Construction? If Yes, Anticipated Start Date:
 If Yes, Anticipated Completion Date:

If any part of the utility is needing relocation during construction:

After Notification - Time For Utility to Mobilize (D = Working Day, W = Week): Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours):

Additional Needs Prior to Starting Utility Relocation Work

SURVEY:

Does the Utility Company need survey?
 If Yes, Survey to be Completed by (NDDOT or Utility Company)
 If Survey to be Completed by NDDOT, Days Utility Company Need to Notify NDDOT of Need

Other Survey Details:

ENVIRONMENTAL COMMITMENTS (EC)

Are there any Environmental Commitments that will affect the utility resolution?
 If Yes, are there any Avoidance Sites fenced or Monitoring for the Utility Work to be performed?
 If yes, Days of notification needed for each of the commitments:

If Yes, Any other details needed:

Specific Comments of Understanding For Utility Coordination (Information from the UE ID# Connected to this Resolution)

Construction Activities: Sheet Piling and back slope Encounter with Fiber Optic Line
 Utility Company Responsibilities: Fiber Optic Line will be replaced prior to construction. If NDDOT/Contractor's Responsibilities: Protect line during construction.
 Additional Information for Resolution: The line is anticipated to be relocated prior to construction.

Resolution Plan Exhibit(s):
 Utility Encounter ID The Utility Resolution is Connected to:

Additional Needs Prior to Starting Utility Relocation Work

SURVEY:

Does the Utility Company need survey?
 If Yes, Survey to be Completed by (NDDOT or Utility Company)
 If Survey to be Completed by NDDOT, Days Utility Company Need to Notify NDDOT of Need

Other Survey Details:

ENVIRONMENTAL COMMITMENTS (EC)

Are there any Environmental Commitments that will affect the utility resolution?
 If Yes, are there any Avoidance Sites fenced or Monitoring for the Utility Work to be performed?
 If yes, Days of notification needed for each of the commitments:

If Yes, Any other details needed:

Specific Comments of Understanding For Utility Coordination (Information from the UE ID# Connected to this Resolution)

Construction Activities: Sheet Piling and back slope Encounter with Fiber Optic Line
 Utility Company Responsibilities: Fiber Optic Line will be replaced prior to construction. If NDDOT/Contractor's Responsibilities: Protect line during construction.
 Additional Information for Resolution: The line is anticipated to be relocated prior to construction.

Agreement/Permit Package

FOR STATE USE ONLY (Type or Print)

RIMS Document Number	Contract Number	District Tracking Number
----------------------	-----------------	--------------------------

APPLICANT INFORM/ Authorized Utility Agent

Company Name
 Reservation Communicatio
 Mailing Address
 P.O. Box

Preparer - Consultant

Company Name
 NA
 Mailing Address

Utility Contractor

Company Name
 TBD
 Mailing Address

TYPE OF FACILITY (Com)

Description of Proposed Facility
 12 Pair Fiber Optic Line
 Size of Facility
 2 inch Conduit
 Pipeline Pressure
 Location of Pole(s)

TERMS AND CONDITION

The installation shall be cor
 See page 2 for additional T
APPROVAL
 Company Name (Utility Agency)
 Reservation Communicatio
 Date

To be signed by Owner, Pa
 authorized Corporate Office

The Owner is hereby grants
 and made a part hereof.

NORTH DAKOTA DEPART
 District Engineer (Type or Print)

FOR STATE USE ONLY:

Location Number:
 District Tracking Number:
 Begin RP: End RP:
 Begin Offset: End Offset:
This is a Reimbursable Resolution and a Permit Is Needed
 Percent Reimbursable: 8.00% Percent Non-Reimbursable: 92.00%

APPLICANT INFORMATION:

Permit Code: PM CD-1
 Highway: 37
 Nearest Highway Jct. or City to BP: Parshall
 Approximate Miles From: 0
 Utility Location: Along / Parallel
 Direction: South

New Location Beginning Point (BP)

Nearest Reference Marker (RM) to BP:
 Direction: South
 Longitudinal Offset from RM (Feet): 0
 Direction: South
 Station: 2105+75
 Offset (Feet): 85
 RT or LT: RT

New Location Ending Point (EP)

Nearest Reference Marker (RM) to EP:
 Direction: South
 Longitudinal Offset from RM (Feet): 675
 Direction: South
 Station: 2112+50
 Offset (Feet): 85

Utility Coordination Details

Will The Utility Be Relocated Prior to Construction?
 Yes
 If any part of the utility is needing relocation during construction:
 After Notification - Time For Utility to Mobilize (D = Working Day, W = Week): 7 D

Additional Needs Prior to Starting Utility Relocation Work

SURVEY:
 YES Does the Utility Company need survey?
 NDDOT If Yes, Survey to be Completed by (NDDOT or Utility)
 5 If Survey to be Completed by NDDOT, Days Utility
 Other Survey Details: Utility Company would like to have the

ENVIRONMENTAL COMMITMENT

YES Are there any Environmental Commitments that w
 YES If Yes, are there any Avoidance Sites fenced or Mo
 If Yes, Days of notification needed for each of the commitments: 5 D (Cultural Monitors),
 If Yes, Any other details needed: The cultural site by the stream need be avoided and cultu
 A temporary fence need be installed to keep cattle in
 Prior to start of work each day, utility company will need to have a willidit
 June 20.

Specific Comments of Understanding For Utility Coordination (Information from the UE ID# C

Construction Activities: Sheet Piling and back slope Encounte
 Utility Company Responsibilities: Fiber Optic Line will be replac
 NDDOT/Contractor's Responsibilities: Protect line durin
 Additional Information for Resolution: The line is anticipated to be c

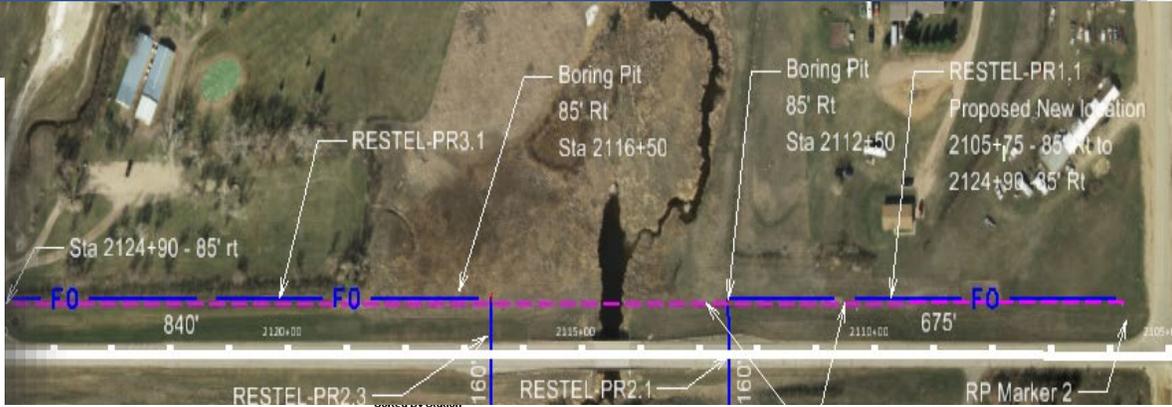
UE ID# UR ID# PUR ID#	Utility Coordination Exhibits	Approx. Sta From	Approx. Sta To	LT/RT or Crossing or Point Location	Roadway (Alignment/Chain)	Approx Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounte r Level	Comments	Utility Company	Type of Facility	After Notification - Time For Utility to Mobilize (D = Working Day, W = Working Day) Estimated Time to Complete Relocation (D = Working Day)	UTILITY ENCOUNTER TYPE (UE)	
RESTEL-1	1	2109+00	to 2112+50	Rt	Main	350.0	LF	4	Level 4	Fiber Optic line in the way of revised back slope and ditch widening. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	3	X
RESTEL-PR1.1	1	2105+75	to 2112+50	Rt	Main	675.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-1	Reservation Telephone	Fiber Optic Line	NA	NA	X
RESTEL-2	1	2113+30	to 2115+20	Rt	Main	160.0	LF	80	Level 4	Fiber Optic line in the way of piling placement for de-watering channel for box placement. Line must be relocated prior to bypass construction. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	1	X
RESTEL-PR2.1	1	2112+50	to 2112+50	Crossing	Main	160.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-2	Reservation Telephone	Fiber Optic Line	NA	NA	X
RESTEL-PR2.2	1	2112+50	to 2116+50	Lt	Main	400.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-2	Reservation Telephone	Fiber Optic Line	NA	NA	X
RESTEL-PR2.3	1	2116+50	to 2116+50	Crossing	Main	160.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-2	Reservation Telephone	Fiber Optic Line	NA	NA	X
RESTEL-3	1	2117+00	to 2118+00	Rt	Main	100.0	LF	4	Level 4	Fiber Optic line in the way of revised back slope and ditch widening. Relocated by June 1, 2020.	Reservation Telephone	Fiber Optic Line	7 Days	3	X
RESTEL-PR3.1	1	2116+50	to 2124+90	Rt	Main	840.0	LF	0	Proposed Level 1	This line will resolve UE RESTEL-3	Reservation Telephone	Fiber Optic Line	7 Days	3	X
RESTEL-4	1	2130+30	to 2130+30	Rt	Main	0.0	LF	-	Level 1	Utility to remain. Protect in Place.	Reservation Telephone	Fiber Optic Line	48 Hrs	0	X

UTILITY COMPANY INFORMATION

UTILITY COMPANY	CONTACT NAME	PHONE NUMBER	EMAIL
Reservation Telephone	Jenny	701-867-5309	Jenny@ndot.gov

UTILITY ENCOUNTER LEVEL DESIGNATIONS

UE LEVEL	DESCRIPTION
Level 1	Utility not exposed by proposed improvements, no impacts.
Level 2	Utility exposed by proposed improvements but no permanent impacts; contractor to protect in place and perform careful excavation.
Level 3	Utility permanently impacted by proposed improvements and requires vertical adjustment only. Horizontal location of utility will not
Level 4	Utility permanently impacted by proposed improvements and requires complete relocation. Vertical and horizontal location of utility will
Proposed Level 1	Utility that is to be relocated by the Utility Company, and after Utility is relocated to the new location, the final Encounter Level would be that of Level 1. Utility not exposed by proposed improvements, no impacts.
Proposed Level 2	Utility that is to be relocated by the Utility Company, and after Utility is relocated to the new location, the final Encounter Level would be that of Level 2. Utility exposed by proposed improvements but no permanent impacts; contractor to protect in place and perform careful excavation.



Finalize Utility Special Provision

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

UTILITY COORDINATION

PROJECT JLE-7-072(027)454 – PCN 98765

DESCRIPTION

This work consists of coordinating the construction|schedule with third party utility companies owning facilities within the project limits, verifying the location of those facilities during construction, and resolving issues with those utilities.

The requirements in this Special Provision replace the requirements of Section 105.03, “Cooperation With Utility Owners”.

ATTACHMENTS

Appendix A – Utility Coordination Table

Appendix B – Utility Exhibits

Appendix C – Utility Pothole Report

Communication
Between:

- NDDOT To Contractor
- Summarizes Of Expectations For Contractor Of What The Utility Company Will Do And What The Contractor Need Do

Utility SP - Table

Location, Quantity, and Level Information
(This information will be the same in the resolution plans)

Utility Coordination Table Appendix A of SP XXX(XX)
JLE-7-072(027)454 PCN 98765
Sorted By Station

UE ID# UR ID# PUR ID#	Utility Coordination Exhibits	Approx. Sta From	Approx. Sta To	LT/RT or Crossing or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Excavation Cut (-) / Fill (+)	Encounter Level	Comments	Utility Company	Type of Facility	After Notification - Time For Utility to Mobilize (D = Working Day, W = Week)	Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours)	UTILITY ENCOUNTER TYPE (UE)	
															Protect in Place	Conflict
MIDCO-1	1	2116+72	to 2122+20	RT	PRMAINAVE	548.0	LF	-6	Level 4	The fiber optic line is to be relocated within 7 feet north of the existing right of way on the South side of the road. The contractor is to notify Mid-Continent when the existing pavement has been removed in this area so they can come place their new line. Contractor to protect in place new fiber optic line.	Mid-Continent Cable	5-Strand Fiber Optic	1 W	2 D		X
MIDCO-PR1.1	1	500+66	to 501+87	RT	PRMAINAVE	121.0	LF	-6	Proposed Level 1	Proposed Relocated Line from MIDCO-1.	Mid-Continent Cable	5-Strand Fiber Optic	NA	NA	X	
NOPECI-1	1	2116+93	to 2121+70	RT	PRMAINAVE	477.0	LF	-4	Level 4	Electric line to be relocated by June 15, 2020. Contractor cannot start work in the area until line is relocated. Contractor to verify electric line was relocated prior to starting work in the area. Existing electric line is to be removed. Cost to remove the existing line is incidental to the pay item.	Northern Plains					

NOPECI-RL1	1	2116+93	to 2121+70	RT	PRMAINAVE	477.0	LF	-4	Level 1							
NOPECI-RL2		2116+93	to 2121+70	RT	PRMAINAVE	477.0	LF	-4	Level 1							
NOPECI-RL3	1	2121+70	to 2121+70	RT	PRMAINAVE	0.0	LF	-4	Level 1							
MIDCO-2	1	500+87	to 501+37	LT	PRIST	50.0	LF	-15	Level 3							
MIDCO-PR2.1	1	500+87	to 501+37	LT	PRIST	50.0	LF	-15	Proposed Level 2							
MDU-1	1	2119+93	to -	Point	PRMAINAVE	1.0	EA	-15	Level 2							
BEPAEI-1	1	2119+93	to -	Point	PRMAINAVE	1.0	EA	-15	Level 2							
MIWEWS-1	1	2121+63	to -	Point	PRMAINAVE	1.0	EA	-12	Level 2							
LOVCIT-2	1	2121+63	to -	Point	PRMAINAVE	1.0	EA	-12	Level 2							
MDU-2	1	2124+90	to 2127+65	RT	PRMAINAVE	275.0	LF	-6	Level 3							
MDU-PR2.1	1	2124+90	to 2127+65	RT	PRMAINAVE	275.0	LF	-6	Proposed Level 2							
MIWEWS-2	1	2121+88	to -	Point	PRMAINAVE	1.0	EA	-12	Level 2							
LOVCIT-2	1	2121+88	to -	Point	PRMAINAVE	1.0	EA	-12	Level 2							
NOPECI-2	1	2123+70	to 2125+50	RT	PRMAINAVE	180.0	LF	-4	Level 4							
NOPECI-PR2.1	1	2123+70	to -	RT	PRMAINAVE	25.0	LF	-4	Proposed Level 2							
NOPECI-PR2.2	1	2123+70	to 2125+50	RT	PRMAINAVE	170.0	LF	-4	Proposed Level 2							
NOPECI-PR2.3	1	2125+50	to -	RT	PRMAINAVE	10.0	LF	-4	Proposed Level 2							

UE ID# UR ID# PUR ID#	Utility Coordination Exhibits	Approx. Sta From	Approx. Sta To	LT/RT or Crossing or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level
MIDCO-1	1	2116+72	to 2122+20	RT	PRMAINAVE	548.0	LF	-6	Level 4
MIDCO-PR1.1	1	500+66	to 501+87	RT	PRMAINAVE	121.0	LF	-6	Proposed Level 1

Utility Coordination Table Appendix A of SP XXX(XX)

JLE-7-072(027)454 PCN 98765

Sorted By Station

UE ID# UR ID# PUR ID#	Utility Coordination Exhibits	Approx. Sta From	Approx. Sta To	LT/RT or Crossing or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level	Comments	Utility Company	Type of Facility	After Notification - Time For Utility to Mobilize (D = Working Day, W = Week)	Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours)	Protect in Place	Conflict
MIDCO-1	1	2116+72	to 2122+20	RT	PRMAINAVE	548.0	LF	-6	Level 4	The fiber optic line is to be relocated within 7 feet north of the existing right of way on the South side of the road. The contractor is to notify Mid-Continent when the existing pavement has been removed in this area so they can come place their new line. Contractor to protect in place new fiber optic line.	Mid-Continent Cable	5-Strand Fiber Optic	1 W	2 D		X
MIDCO-PR1.1	1	500+66	to 501+87	RT	PRMAINAVE	121.0	LF	-6	Proposed Level 1	Proposed Relocated Line from MIDCO-1	Mid-Continent Cable	5-Strand Fiber Optic	NA	NA		
NOPECI-1	1	2116+93	to 2121+70	RT	PRMAINAVE	477.0	LF	-4	Level 4	Electric line to be relocated by June 15, 2020. Contractor cannot start work in the area until line is relocated. Contractor to verify electric line was relocated prior to starting work in the area. Existing electric line is to be removed. Cost to remove the existing line is incidental to the ____ pay item.	Northern Plains Electric Cooperative Incorporated	Electric Line	NA	NA	X	
NOPECI-R1.1	1	2116+93	to 2121+70	RT	PRMAINAVE	477.0	LF	-4	Level 1	Relocated Line from NOPECI-1	Northern Plains Electric Cooperative Incorporated	Electric Line	NA	NA	X	
NOPECI-R1.2	1	2116+93	to 2121+70	RT	PRMAINAVE	477.0	LF	-4	Level 1	Relocated Line from NOPECI-1	Northern Plains Electric Cooperative Incorporated	Electric Line	NA	NA	X	
NOPECI-R1.3	1	2121+70	to 2121+70	RT	PRMAINAVE	0.0	LF	-4	Level 1	Relocated Line from NOPECI-1	Northern Plains Electric Cooperative Incorporated	Electric Line	NA	NA	X	
MIDCO-2	1	500+87	to 501+37	LT	PR1ST	50.0	LF	-15	Level 3	Contractor to expose fiber optic line 5 feet each side of the proposed storm drain and protect until the utility company can lower. Contractor to remove 5' width of pavement centered on the fiber optic line from Station 500+87 to 501+37. Contractor to notify Mid-Continent once the pavement is removed so that the line can be lowered. Contractor to patch the asphalt (4-inch min) before opening up to traffic on 1st Street.	Mid-Continent Cable	5-Strand Fiber Optic	2 D	1 D		X
MIDCO-PR2.1	1	500+87	to 501+37	LT	PR1ST	50.0	LF	-15	Proposed Level 2	Proposed to be Relocated Line from MIDCO-2	Mid-Continent Cable	5-Strand Fiber Optic	NA	NA	X	
MDU-1	1	2119+93	to -	Point	PRMAINAVE	1.0	EA	-15	Level 2	Excavate	Montana Dakota Utilities	3" Gas	-	-	X	
BEPAEI-1	1	2119+93	to -	Point	PRMAINAVE	1.0	EA	-15	Level 2	Excavate	Bear Paw Energy Incorporated	250 Kv Electric Line	2 D		X	
MIWEWS-1	1	2121+63	to -	Point	PRMAINAVE	1.0	EA	-12	Level 2		Missouri West Water System	16" Water Line	-	-	X	
LOVCIT-2	1	2121+63	to -	Point	PRMAINAVE	1.0	EA	-12	Level 2		Lovelock City	Sanitary Sewer	-	-	X	
MDU-2	1	2124+90	to 2127+65	RT	PRMAINAVE	275.0	LF	-6	Level 3	The existing surface is in work	Montana Dakota Utilities	15" Gas	3 D	1 D / 75 Feet line lowering		X
MDU-PR2.1	1	2124+90	to 2127+65	RT	PRMAINAVE	275.0	LF	-6	Proposed Level 2		Montana Dakota Utilities	15" Gas	NA	NA	X	
MIWEWS-2	1	2121+88	to -	Point	PRMAINAVE	1.0	EA	-12	Level 2		Missouri West Water System	16" Water Line	-	-	X	
LOVCIT-2	1	2121+88	to -	Point	PRMAINAVE	1.0	EA	-12	Level 2		Lovelock City	Sanitary Sewer	-	-	X	
NOPECI-2	1	2123+70	to 2125+50	RT	PRMAINAVE	180.0	LF	-4	Level 4	Electric line	Northern Plains Electric Cooperative Incorporated	Electric Line	-	-		X
NOPECI-PR2.1	1	2123+70	to	RT	PRMAINAVE	25.0	LF	-4	Proposed Level 2		Northern Plains Electric Cooperative Incorporated	Electric Line	NA	NA	X	
NOPECI-PR2.2	1	2123+70	to 2125+50	RT	PRMAINAVE	170.0	LF	-4	Proposed Level 2		Northern Plains Electric Cooperative Incorporated	Electric Line	NA	NA	X	
NOPECI-PR2.3	1	2125+50	to	RT	PRMAINAVE	10.0	LF	-4	Proposed Level 2		Northern Plains Electric Cooperative Incorporated	Electric Line	NA	NA	X	

Type of Facility & UE, Notification Days to Mobilize & Complete Work (Same in the Resolution Plans)

Type of Facility	After Notification - Time For Utility to Mobilize (D = Working Day, W = Week)	Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours)	UTILITY ENCOUNTER TYPE (UE)	
			Protect in Place	Conflict
5-Strand Fiber Optic	1 W	2 D		X
5-Strand Fiber Optic	NA	NA	X	

Utility SP - Table

Utility SP - Table

Utility Coordination Table Appendix A of SP XXX(XX)
JLE-7-072(027)454 PCN 98765
sorted by station

UE ID# UR ID# PUR ID#	Utility Coordination Exhibits	Approx. Sta From	Approx. Sta To	LT/RT or Crossing or Point Location	Roadway (Alignment/Chain)	Approx. Qty	Unit	Max Excavation Cut (-) / Fill (+) Feet	Encounter Level	Comments	Utility Company	Type of Facility	Alter Notification - Time For Utility to Mobilize (D = Working Day, W = Week)	Estimated Time to Complete Relocation (D = Working Day, W = Week, H = Hours)	UTILITY ENCOUNTER TYPE (UE)	
															Protect in Place	Conflict
MIDCO-1	1	2116+72	to 2122+20	RT	PRMAINAVE	548.0	LF	-6	Level 4	The fiber optic line is to be relocated within 7 feet north of the existing right of way on the South side of the road. The contractor is to notify Mid-Continent when the existing pavement has been removed in this area so they can come place their new line. Contractor to protect in place new fiber optic line.	Mid-Continent Cable	5-Strand Fiber Optic	1 W	2 D		X
MIDCO-01						131.0	LF	-6	Proposed Level 1	Proposed Relocated Line from MIDCO-1.	Mid-Continent Cable	5-Strand Fiber Optic	NA	NA	X	
							LF	-4	Level 4	Electric line to be relocated by June 15, 2020. Contractor cannot start work in the area until line is relocated. Contractor to verify electric line was relocated prior to starting work in the area. Existing electric line is to be removed. Cost to remove the existing line is incidental to the ____ pay item.	Northern Plains Electric Cooperative Incorporated	Electric Line	-	-		X
							LF	-4	Level 1	Relocated Line from NOPECI-1	Northern Plains Electric Cooperative Incorporated	Electric Line	NA	NA	X	
							LF	-4	Level 1							
							LF	-4	Level 1							
							LF	-15	Level 3	Contractor to expose fiber optic line 5' pavement centered on the fiber optic line						
							LF	-15	Proposed Level 2							
							EA	-15	Level 2	Excavate						
							EA	-15	Level 2	Excavate around, suspend, and support company will de-energize and						
							EA	-12	Level 2	Excavate						
							EA	-12	Level 2	Excavate and						
							LF	-6	Level 3	The existing gas line is quite shallow and surface is removed. Minimum of 150' work continuously on the line, the						
MIDU-PR2.1						275.0	LF	-6	Proposed Level 2							
MIRWEVS-2		2121+88	to	Point	PRMAINAVE	1.0	EA	-12	Level 2	Excavate						
LOVCH						1.0	EA	-12	Level 2	Excavate and						
NOPECI-2	1	2123+70	to 2125+50	RT	PRMAINAVE	180.0	LF	-4	Level 4	Electric line to be relocated by June 15 starting work in the ar						
NOPECI-PR2.1	1	2123+70	to	RT	PRMAINAVE	25.0	LF	-4	Proposed Level 2							
NOPECI-PR2.2	1	2123+70	to 2125+50	RT	PRMAINAVE	170.0	LF	-4	Proposed Level 2							
NOPECI-PR2.3	1	2125+50	to	RT	PRMAINAVE	10.0	LF	-4	Proposed Level 2							

Comments
Specifically rewritten to reflect the communication to contractor.

Comments will give understanding to contractor of what they need to do, what the utility company is anticipated to do. (Example do they need to mobilize two times.)
Helps to ID – EVERYONE KNOWS WHERE EVERYONE GOES.

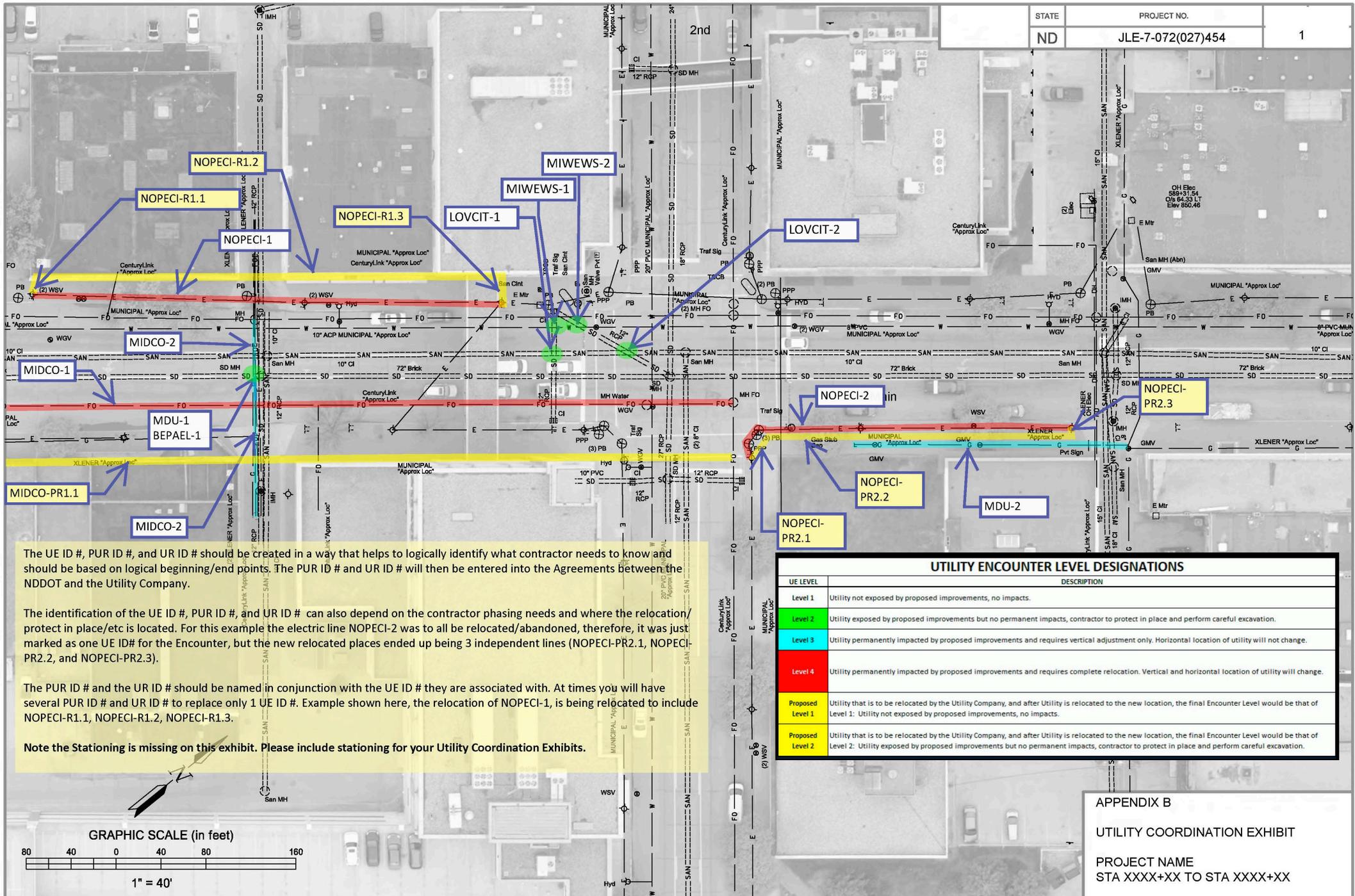
Comments

The fiber optic line is to be relocated within 7 feet north of the existing right of way on the South side of the road. The contractor is to notify Mid-Continent when the existing pavement has been removed in this area so they can come place their new line. Contractor to protect in place new fiber optic line.

Proposed Relocated Line from MIDCO-1

Electric line to be relocated by June 15, 2020. Contractor cannot start work in the area until line is relocated. Contractor to verify electric line was relocated prior to starting work in the area. Existing electric line is to be removed. Cost to remove the existing line is incidental to the ____ pay item.

Utility SP - Exhibits



STATE	PROJECT NO.	
ND	JLE-7-072(027)454	1

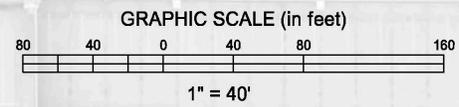
The UE ID #, PUR ID #, and UR ID # should be created in a way that helps to logically identify what contractor needs to know and should be based on logical beginning/end points. The PUR ID # and UR ID # will then be entered into the Agreements between the NDDOT and the Utility Company.

The identification of the UE ID #, PUR ID #, and UR ID # can also depend on the contractor phasing needs and where the relocation/protect in place/etc is located. For this example the electric line NOPECI-2 was to all be relocated/abandoned, therefore, it was just marked as one UE ID# for the Encounter, but the new relocated places ended up being 3 independent lines (NOPECI-PR2.1, NOPECI-PR2.2, and NOPECI-PR2.3).

The PUR ID # and the UR ID # should be named in conjunction with the UE ID # they are associated with. At times you will have several PUR ID # and UR ID # to replace only 1 UE ID #. Example shown here, the relocation of NOPECI-1, is being relocated to include NOPECI-R1.1, NOPECI-R1.2, NOPECI-R1.3.

Note the Stationing is missing on this exhibit. Please include stationing for your Utility Coordination Exhibits.

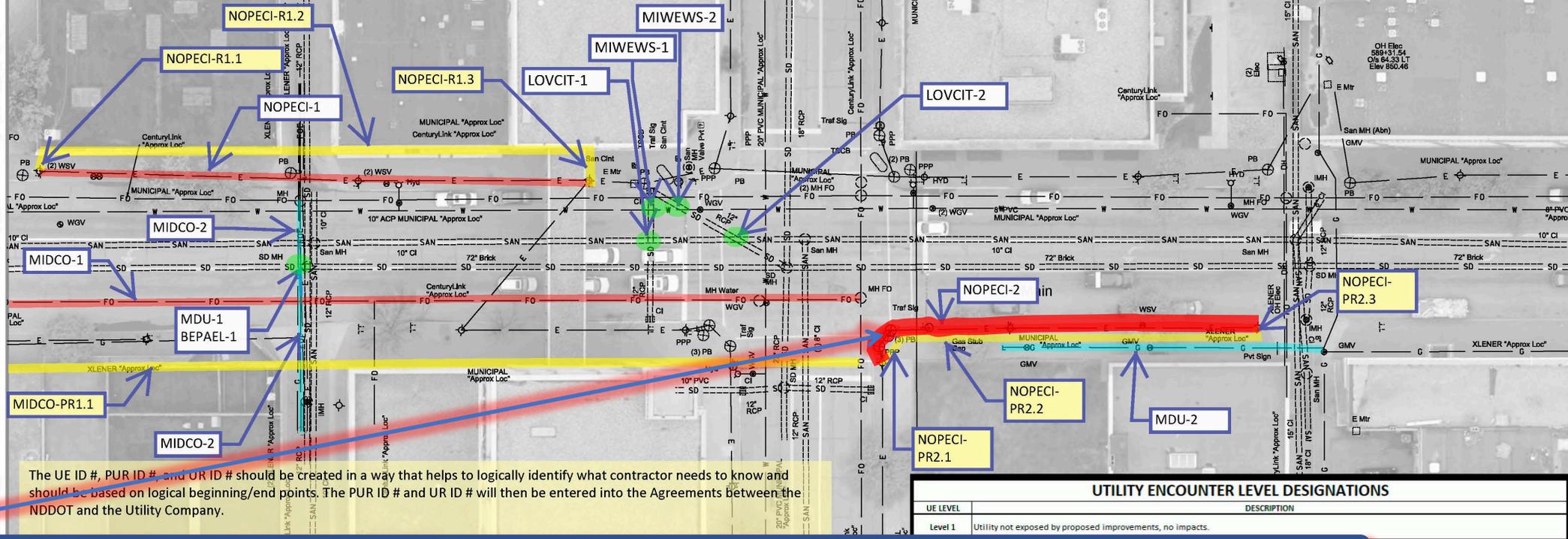
UTILITY ENCOUNTER LEVEL DESIGNATIONS	
UE LEVEL	DESCRIPTION
Level 1	Utility not exposed by proposed improvements, no impacts.
Level 2	Utility exposed by proposed improvements but no permanent impacts, contractor to protect in place and perform careful excavation.
Level 3	Utility permanently impacted by proposed improvements and requires vertical adjustment only. Horizontal location of utility will not change.
Level 4	Utility permanently impacted by proposed improvements and requires complete relocation. Vertical and horizontal location of utility will change.
Proposed Level 1	Utility that is to be relocated by the Utility Company, and after Utility is relocated to the new location, the final Encounter Level would be that of Level 1: Utility not exposed by proposed improvements, no impacts.
Proposed Level 2	Utility that is to be relocated by the Utility Company, and after Utility is relocated to the new location, the final Encounter Level would be that of Level 2: Utility exposed by proposed improvements but no permanent impacts, contractor to protect in place and perform careful excavation.



APPENDIX B
 UTILITY COORDINATION EXHIBIT
 PROJECT NAME
 STA XXXX+XX TO STA XXXX+XX

Utility SP - Exhibits

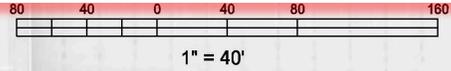
Utility Encounter (UE) ID# - NOPECI-2 ~ Level 4 (Relocate)



The UE ID #, PUR ID #, and UR ID # should be created in a way that helps to logically identify what contractor needs to know and should be based on logical beginning/end points. The PUR ID # and UR ID # will then be entered into the Agreements between the NDDOT and the Utility Company.

UTILITY ENCOUNTER LEVEL DESIGNATIONS	
UE LEVEL	DESCRIPTION
Level 1	Utility not exposed by proposed improvements, no impacts.

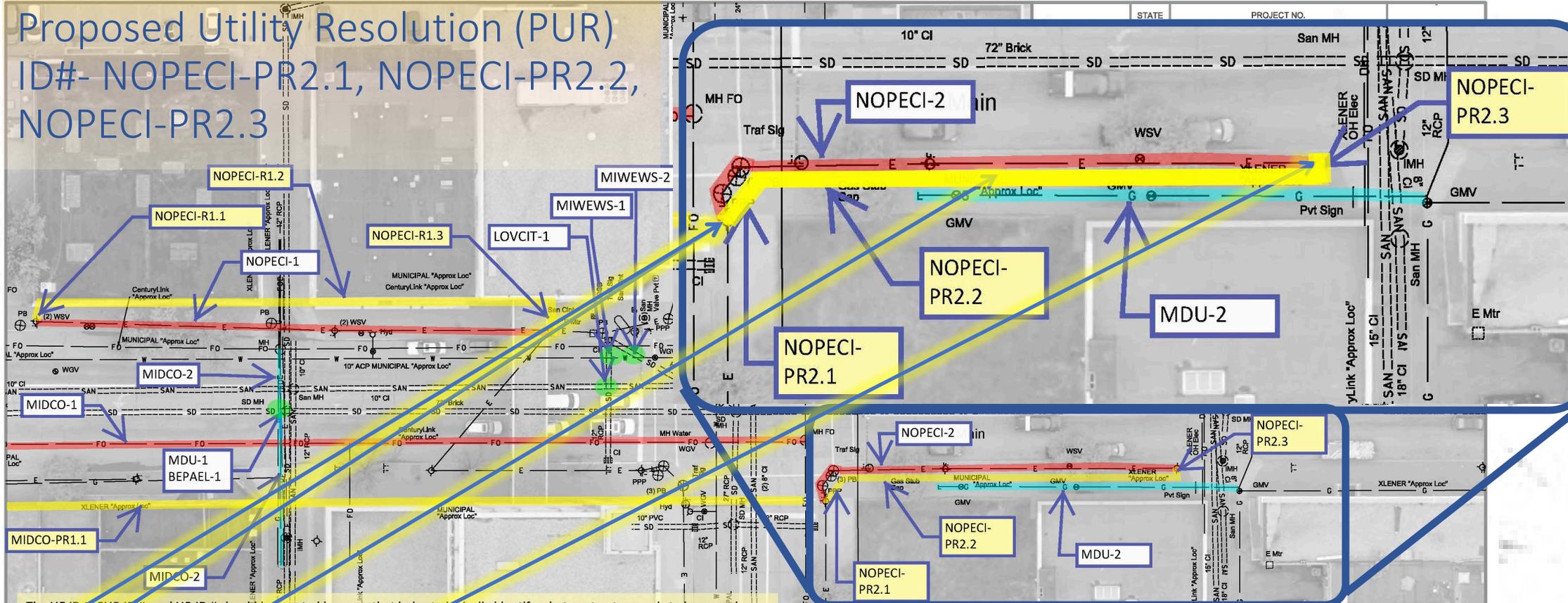
NOPECI-2	1	2123+70	to	2125+50	RT	PRMAINAVE	180.0	LF	-4	Level 4	Electric line to be relocated by June 15, 2020. Contractor cannot start work in the area until line is relocated. Contractor to verify electric line was relocated prior to starting work in the area. Existing electric line is to be removed. Cost to remove the existing line is incidental to the ___ pay item.
NOPECI-PR2.1	1	2123+70	to		RT	PRMAINAVE	25.0	LF	-4	Proposed Level 2	Proposed to be Relocated Line from NOPECI-2
NOPECI-PR2.2	1	2123+70	to	2125+50	RT	PRMAINAVE	170.0	LF	-4	Proposed Level 2	Proposed to be Relocated Line from NOPECI-2
NOPECI-PR2.3	1	2125+50	to		RT	PRMAINAVE	10.0	LF	-4	Proposed Level 2	Proposed to be Relocated Line from NOPECI-2



and perform careful excavation.
 horizontal location of utility will not change.
 and horizontal location of utility will change.
 in, the final Encounter Level would be that of
 in, the final Encounter Level would be that of
 in place and perform careful excavation.

Utility SP - Exhibits

Proposed Utility Resolution (PUR) ID#- NOPECI-PR2.1, NOPECI-PR2.2, NOPECI-PR2.3



The UE ID #, PUR ID #, and UR ID # should be created in a way that helps to logically identify what contractor needs to know and should be based on logical beginning/end points. The PUR ID # and UR ID # will then be entered into the Agreements between the NDDOT and the Utility Company.

UTILITY ENCOUNTER LEVEL DESIGNATIONS	
UE LEVEL	DESCRIPTION
Level 1	Utility not exposed by proposed improvements, no impacts.

NOPECI-2		2123+70	to	2125+50	RT	PRMAINAVE	180.0	LF	-4	Level 4	Electric line to be relocated by June 15, 2020. Contractor cannot start work in the area until line is relocated. Contractor to verify electric line was relocated prior to starting work in the area. Existing electric line is to be removed. Cost to remove the existing line is incidental to the _____ pay item.
NOPECI-PR2.1	1	2123+70	to	2125+50	RT	PRMAINAVE	25.0	LF	-4	Proposed Level 2	Proposed to be Relocated Line from NOPECI-2
NOPECI-PR2.2	1	2123+70	to	2125+50	RT	PRMAINAVE	170.0	LF	-4	Proposed Level 2	Proposed to be Relocated Line from NOPECI-2
NOPECI-PR2.3	1	2125+50	to		RT	PRMAINAVE	10.0	LF	-4	Proposed Level 2	Proposed to be Relocated Line from NOPECI-2



PROJECT NAME
STA XXXX+XX TO STA XXXX+XX