UTILITY PROCESS

Jen Einrem, P.E.
Team Lead Design Division

Monte Dockter
Utility Engineer Design Division
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.

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.
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.
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
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
PROJECT PROCESS
Goals

- Avoid Impacts
- Minimize
- Relocations to be Completed before PSE
• Survey – SUE
  • SOV #9
  • ND One Call
• Property Ownership
  • Special Lands
  • Special Utilities
• Env. Studies

Data Collection
Flow Chart of Utility Process

Everyone knows where everyone goes!
NEW FORM

- As Soon As Possible
- Probability Analysis
- Notification
Flow Chart of Utility Process

Everyone knows where everyone goes!
Utilities During The Environmental Process

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

Utilities During The Environmental Process
Flow Chart of Utility Process

New Project Assignee

Data Collection – Survey, SUE, Environmental Field Studies
Determine Property Ownership, especially any easements in the corridor (even if staying in existing ROW boundaries).

Send in Preliminary Utility Coordination Form (Excel Sheet)

Create Build alternatives: Including cross sections and profiles. Analyze effects of utilities on alternatives. Minimize all utility impacts to the greatest extent possible.

Environmental Utility Coordination – Send preliminary conflict plans. Set up meeting with each utility company that has conflict potentials to discuss the conflict and alternatives.

Refine alternatives based on environmental utility analysis. After coordination with utility company, are the alternatives presented still viable?

Environmental Clearance is received.

Special Lands Involved

Contact* all “Special Land” Owner(s) to determine requirements for existing easements and future easements. *Separate meeting with each owner(s) is recommended.

Additional Environmental Clearances Requirement?

Additional Environmental Clearances Requirement?

If there are utility encounters (relocations or adjustments in existing location) on the “Special Lands”, can the work be included in the NDDOT/FHWA clearance with this “Special Land” Owner(s)?

Outline whatever is the process required and obtain independent environmental clearance.

** May also need in the area of “Special Lands” the NDDOT/FHWA Environmental Clearance first, Final Design (sealed plan sheets) and additional permitting requirements.

Design: Preliminary Plan Preparation.
- Typical Sections
- Plan and Profile
- Storm/Water/Sanitary Design
- Cross Sections
- WZTC Phasing
- Final ROW Limits
- Avoidance Areas
- Wetlands
- Finalize utility conflicts/resolutions
- Determine utility locate
- Determine utility impacts for Borrow sites (if have)
- Preliminary Plan/3D Model
- Create Utility Coordination Special Provision including Coordination Table and Exhibits.
- Any utility relocations (that are designed) should be included on the plans.

At times information from Special Lands Process will need to be incorporated back into . Otherwise if all clearance, design, permit information is obtained go to !

Right of Way Plat, RAMA, etc.

Right of Way Acquisitions

Preliminary Plan Review Meeting (Within 4-8 weeks after NEPA Clearance is received)

This meeting will determine final utility conflicts and right of way needs.

No major changes should occur after this point. This meeting should establish all the final concepts intended. **-Any major changes may again start at data collection again.

FHWA Authorization Finalize ROW Plats ROW Appraisals

Final Design and 3D model. Any changes made in design based on utility & ROW Coordination.

Send Utility Engineering Coordination Letter(s) to all affected utility companies. Include attachments:
- Send Finalized Resolution Plans (not to be included in bid documents).
- Preliminary Utility Coordination Special Provision Table & Exhibits, Preliminary Utility Agreements.

Finalize Utility Agreements/Permits. Have All signed by PSE

Relocation Process for Utility(s) to be completed prior to PSE, no later than project complete.

Right of Way on all critical parcels complete. Utilities can move onto acquired parcels.

Project Complete and Certification to FHWA
- Right of way
- Utilities
- Rail
- Final plans, SP, and bidding documents

Create Preliminary Agreements/Permits (both reimbursable and non-reimbursable) with utility companies. Agreements will detail expectation between NDDOT and the Utility Company for the construction project. This information is relayed to contractor through Utility Coordination Table and Exhibits are created.

Most of the information that is fed into the agreements is from the environmental process utility coordination.

Finalized Resolution Plans. Note these plans are not to be included in bid documents but are used as a communication tool between NDDOT and the Utility to show each Utility company finalized conflicts on the selected Alternative.

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!

New Project Assign Designer

Send in Preliminary Utility Coordination Form (Excel Sheet)

Create build alternatives including cross sections and profiles. Analyze effects of utilities on alternatives. Minimize all utility impacts to the greatest extent possible.

Environmental Utility Coordination - Send preliminary conflict plans. Set up meeting with each utility company that has conflict potential to discuss the conflict and alternatives.

Refine alternatives based on environmental utility analysis. After coordination with utility company, are the alternatives presented still viable?

Environmental Clearance is received.

Special Lands Involved

Contact all "Special Land" Owner(s) to determine requirements for existing easements and future easements. *Separate meeting with each owner(s) is recommended.

Additional Environmental Clearances Requirement?

Additional Environmental Process for "Special Land" Owner(s). Can it be cleared as part of NDDOT/FHWA clearance?

Outline whatever is the process required and obtain independent environmental clearance.

** May also need in the area of "Special Lands" the NDDOT/FHWA Environmental Clearance first, Final Design (sealed plan sheets) and additional permitting requirements.

Outline whatever is the process required and obtain independent environmental clearance.

At times information from Special Lands Process will need be incorporated back into. Otherwise if CE info is obtained go to.

Design: Preliminary Plan Preparation. Items to Include:
- Typical Sections
- Plan and Profile
- Storm/Water/Sanitary Design
- Cross Sections
- WZTV Phasing
- Final ROW Limits
- Avoidance Areas
- Wetlands
- Finalize utility conflicts/resolutions
- Determine utility locate
- Determine utility impacts for borrow sites (if have)
- Preliminary Plan/3D Model
- Create Utility Coordination Special Provision including Coordination Table and Exhibits.
- Any utility relocations that are designed should be included on the plans.

Project Complete and Certification to FHWA
- Right of way
- Utilities
- Rail
- Final plans, SP and bidding documents

PS&E Plans and 3D Model Review Meeting

Finalize Utility Agreements/Permits. Have All signed by PS&E.

Relocation Process for Utility(s) to be completed prior to PS&E and no later than project complete.

Send Utility Engineering Coordination Letter(s) to all affected utility companies. Include attachments:
- Send Finalized Resolution Plans (not to be included in bid documents)
- Preliminary Utility Coordination Special Provision with Table & Exhibits, Preliminary Utility Agreements.

Create Preliminary Agreements/Permits (both reimbursable and non-reimbursable) with utility companies. Agreements will detail expectation between NDDOT and the Utility company for the construction project. This information is relayed to contractor through Utility Coordination Table and Exhibits are created. Most of the information that is fed into the agreements is from the environmental process utility coordination.

Finalized Resolution Plans. Note these plans are not to be included in bid documents but are used as a communication tool between NDDOT and the Utility to show each Utility company finalized conflicts on the selected Alternative.

Right of Way Acquisitions

Finalize Design and 3D model. Any changes made in design based on utility & ROW Coordination.

Any time a design change occurs resolution plans, utility coordination SP and associated exhibits (table & exhibits), agreements/permits, etc will all need updated.

Right of Way Plats, RAMA, etc.

Preliminary Plan Review Meeting
(Within 4-8 weeks after NEPA Clearance is received)

This meeting will determine final utility conflicts and right of way needs.

No major changes should occur after this point. This meeting should establish all the final concepts intended. **Any major changes may again start at data collection again.

FHWA Authorization Finalize ROW Plats ROW Appraisals
Environmental Clearance Received

Finish Preliminary Design

Review Meeting 4-8 Weeks After Clearance Received
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

New Project Assign Designer

***Data Collection – Survey, SWL, Environmental Field Studies. Critical to Determine Property Ownership, especially any easements in the corridor (even if staying in existing RW boundaries).

Send in Preliminary Utility Coordination Form (Excel Sheet)

Create Build Alternatives: Including cross sections and profiles. Analyze effects of utilities on alternatives. Minimize all utility impacts to the greatest extent possible.

Environmental Utility Coordination – Send preliminary conflict plans. Set up meeting with each utility company that has conflict potentials to discuss the conflict and alternatives.

Refine alternatives based on environmental utility analysis. After coordination with utility company, are the alternatives presented viable?

Environmental Clearance is received.

Special Lands Involved

Special Lands Involved

Outline whenever the process required and obtain independent environmental clearance.

** May also need in the area of “Special Lands” the NDDOT/FHWA Environmental Clearance first, Final Design (sealed plan sheets) and additional permitting requirements.

At times information from Special Lands Process will need be incorporated back into.

Otherwise if all clearance, design, permit information is obtained go to yes.

Outline whenever the process required and obtain independent environmental clearance for the utility companies. Note, Utility Company may need do this documentation, and it may take additional time.

** May also need in the area of “Special Lands” the NDDOT/FHWA Environmental Clearance first, Final Design (sealed plan sheets) and additional permitting requirements.

Right of Way Plat, RAMA, etc.

Design: Preliminary Plan Preparation. Items to Include:
- Typical Sections
- Plan and Profile
- Storm/Water/Sanitary Design
- Cross Sections
- WZTC Phasing
- Final ROW Limits
- Avoidance Areas
- Wetlands
- Finalize utility conflicts/resolutions
- Determine utility locate
- Determine utility impacts for Borrow sites (if have)
- Preliminary Plan/3D Model
- Create Utility Coordination Special Provision including Coordination Table and Exhibits.
- Any utility relocations that are designed should be included on the plans.

FHWA Authorization Finalize ROW Plats ROW Appraisals

Finalize Design and 3D model, Any changes made in design based on utility & ROW Coordination.

PS&E Plans and 3D Model Review Meeting

Finalize Utility Agreements/Permits. Have All signed by PS&E.

Relocation Process for Utility(ies) to be completed prior to PSE and no later than project complete.

Project Complete and Certification to FHWA

- Right of way
- Utilities
- Rail
- Final plans, SP, and Bidding documents

Project Bid

Right of Way Acquisitions

Right of Way on all critical parcels complete. Utilities can move onto acquired parcels.
• Critical Parcel(s)
• Purchased to allow for relocations to be complete by PSE
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

**Flow of Project**

- New Project Assign Design
- **Data Collection – Survey, SUE, Environmental Field Studies, Critical Determine Property Ownership, especially any easements in the corridor (even if staying in existing ROW boundaries).**
- Send in Preliminary Utility Coordination Form (Excel Sheet)
- Special Lands Involved
- Create build alternatives; including cross sections and profiles. Analyze effects of utilities on alternatives. Minimize all utility impacts to the greatest extent possible.
- Environmental Utility Coordination – Send preliminary conflict plans. Set up meeting with each utility company that has conflict potentials to discuss the conflict and alternatives.
- Refine alternatives based on environmental utility analysis. After coordination with utility company, are the alternatives presented till viable?
- Environmental Clearance is received.
- Special Lands Involved
- Right of Way Plot, RAMA, etc.

**Process Legend:**
- Environmental & Special Lands
- Right of Way
- Utility Coordination & Agreement
- Design

**Utility Environmental Process & Analysis (NDDOT/FHWA)**

- Contact* all “Special Land” Owner(s) to determine requirements for existing easements and future easements. *Separate meeting with each owner(s) is recommended.
- Additional Environmental Clearances Requirement?
- Environmental Process for “Special Lands” Owner(s)? Can it be cleared as part of NDDOT/FHWA clearance?
- Additional Environmental Field Studies and/or Data Collection
- If there are utility encounters (relocations or adjustments in existing location) on the “Special Lands”; can this work be included in the NDDOT/FHWA clearance with this “Special Land” Owner(s)?
- Outline whatever is the process required and obtain independent environmental clearance.
- **May also need in the area of “Special Lands” the NDDOT/FHWA Environmental Clearance first, Final Design (sealed plan sheets) and additional permitting requirements.**

**Outline whatever is the process required and obtain independent environmental clearance for the utility companies. Note, Utility Company may need to document this, and it may take additional time.**

- **May also need in the area of “Special Lands” the NDDOT/FHWA Environmental Clearance first, Final Design (sealed plan sheets) and additional permitting requirements.**

**Environmental Clearance**

- **Design:** Preliminary Plan Preparation. Items to Include:
  - Typical Sections
  - Plan and Profile
  - Storm/Water/Sanitary Design
  - Cross Sections
  - WZTC Phasing
  - Final ROW Limits
  - Avoidance Areas
  - Wetlands
  - Finalize utility conflicts/resolutions
  - Determine utility locate
  - Determine utility impacts for Borrow sites (if have)
  - Preliminary Plan/3D Model
  - Create Utility Coordination Special Provision including Coordination Table and Exhibits.
  - Any utility relocations (that are designed) should be included on the plans.

**Preliminary Plan Review Meeting**

- FHWA Authorization Finalize ROW Plats ROW Appraisals
- This meeting will determine final utility conflicts and right of way needs.
- No major changes should occur after this point. This meeting should establish all the final concepts intended.
- Any major changes may again start at data collection again.

**Finalize Resolution Plans.** Note these plans are not to be included in bid documents but are used as a communication tool between NDDOT and the Utility to show each Utility company finalized conflicts on the selected Alternative.

**Right of Way All Critical parcels complete. Utilities can move onto acquired parcels.**

- Any time a design change occurs resolution plans, utility coordination SP and associated exhibits (table & exhibits), agreements/permits, etc all will need updated.

**Finalize Design and 3D model.** Any changes made in design based on utility & ROW Coordination.

**PS&E Plans and 3D Model Review Meeting**

- Create Preliminary Agreements/Permits (both reimbursable and non-reimbursable) with utility companies. Agreements will detail expectation between NDDOT and the Utility Company for the construction project. This information is relayed to contractor through Utility Coordination Table and Exhibits are created.
- Most of the information that is fed into the agreements is from the environmental process utility coordination.

- Send Utility Engineering Coordination Letter[s] to all affected utility companies. Include attachments:
  - Send Finalized Resolution Plans (not to be included in bid documents), Preliminary Utility Coordination Special Provision with Table & Exhibits, Preliminary Utility Agreements

- Finalize Utility Agreements/Permits. Have All signed by S&E. Relocation Process for Utility[s] to be completed prior to PS&E and no later than project complete.

**Project Bid**

**Everyone knows where everyone goes!**
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)

Hope you do not have to coordinate through this!
Utility Conflict Plan
R/W lines, Wetlands and other special lands
Utility Conflict Plan
Sheet piling and back slope encounter with Fiber Optic line
## Utility Conflicts - Will become Eventually the Utility Coordination Table Appendix A of SP XXXXXXX

### Utility Conflicts

<table>
<thead>
<tr>
<th>UE ID</th>
<th>Utility Coordination Exhibit</th>
<th>Approx. Str</th>
<th>Approx. Sta</th>
<th>Lt/Bt or Crossing or Point Location</th>
<th>Roadway (Alignment/Chain)</th>
<th>Approx. Qty</th>
<th>Unit</th>
<th>Max. Excavation Cut (Over) + Fill (Under) Feet</th>
<th>Encounter Level</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESTEL-1</td>
<td>1</td>
<td>2109+00</td>
<td>to 2112+50</td>
<td>Rt</td>
<td>Main</td>
<td>156.0</td>
<td>LF</td>
<td>4</td>
<td>Level 4</td>
<td>Fiber Optic line in the way of revised back slope and ditch.</td>
</tr>
<tr>
<td>RESTEL-2</td>
<td>1</td>
<td>2113+60</td>
<td>to 2115+30</td>
<td>Rt</td>
<td>Main</td>
<td>166.0</td>
<td>LF</td>
<td>4</td>
<td>Level 4</td>
<td>Fiber Optic line in the way of piling placement for the water main for box placement. Line must be relocated prior to bypass construction.</td>
</tr>
<tr>
<td>RESTEL-3</td>
<td>1</td>
<td>2117+00</td>
<td>to 2119+30</td>
<td>Rt</td>
<td>Main</td>
<td>100.0</td>
<td>LF</td>
<td>4</td>
<td>Level 4</td>
<td>Fiber Optic line in the way of revised back slope and ditch widening.</td>
</tr>
<tr>
<td>RESTEL-4</td>
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<td>2120+30</td>
<td>to 2122+30</td>
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<td>Main</td>
<td>0.7</td>
<td>LF</td>
<td>-</td>
<td>Level 1</td>
<td>Utility to remain. Protect in Place.</td>
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</table>

### Utility Encounter Type (UE)

- Reservation: Telephone
- Fiber Optic Line

### Utility Encounter Level Designations

<table>
<thead>
<tr>
<th>UE Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
<td>Utility not exposed by proposed improvements, no impacts.</td>
</tr>
<tr>
<td>Level 2</td>
<td>Utility exposed by proposed improvements but no permanent impacts, contractor to protect in place and perform careful excavation.</td>
</tr>
<tr>
<td>Level 3</td>
<td>Utility permanently impacted by proposed improvements and requires horizontal relocations. Vertical and horizontal locations of utility will change.</td>
</tr>
<tr>
<td>Level 4</td>
<td>Utility permanently impacted by proposed improvements and requires complete relocation. Vertical and horizontal locations of utility will change.</td>
</tr>
<tr>
<td>Proposed Level 1</td>
<td>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.</td>
</tr>
<tr>
<td>Proposed Level 2</td>
<td>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.</td>
</tr>
</tbody>
</table>

### Utility Company Information

<table>
<thead>
<tr>
<th>Utility Company</th>
<th>Contact Name</th>
<th>Phone Number</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cistern</td>
<td>Jenny</td>
<td>710-362-4228</td>
<td><a href="mailto:info@utilitylocal.com">info@utilitylocal.com</a></td>
</tr>
<tr>
<td>Encounter Level</td>
<td>Comments</td>
<td>Utility Company</td>
<td>Type of Facility</td>
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<tr>
<td>-----------------</td>
<td>----------</td>
<td>-----------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>4 Level 4</td>
<td>Fiber Optic line in the way of revised back slope and ditch widening.</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
</tr>
<tr>
<td>50 Level 4</td>
<td>Fiber Optic line in the way of piling placement for de-watering channel for box placement. Line must be relocated prior to bypass construction.</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
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<tr>
<td>4 Level 4</td>
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**UTILITY ENCOUNTER LEVEL DESIGNATIONS**

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<th>UE LEVEL</th>
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<tr>
<td>Level 1</td>
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<tr>
<td>Level 2</td>
<td>Utility exposed by proposed improvements but no permanent impacts, contractor to protect in place and perform careful excavation.</td>
</tr>
<tr>
<td>Level 3</td>
<td>Utility permanently impacted by proposed improvements and requires vertical adjustment only. Horizontal location of utility will not change.</td>
</tr>
<tr>
<td>Level 4</td>
<td>Utility permanently impacted by proposed improvements and requires complete relocation. Vertical and horizontal location of utility will change.</td>
</tr>
<tr>
<td>Proposed Level 1</td>
<td>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.</td>
</tr>
<tr>
<td>Proposed Level 2</td>
<td>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.</td>
</tr>
</tbody>
</table>
Utility Conflict Plan

Sheet piling and back slope encounter with Fiber Optic line

<table>
<thead>
<tr>
<th>UE ID#</th>
<th>UT ID#</th>
<th>PUR ID#</th>
<th>Utility Coordination Exhibits</th>
<th>Approx. Sta From</th>
<th>Approx. Sta To</th>
<th>LT/RT or Crossing or Point Location</th>
<th>Roadway (Alignment/Chain)</th>
<th>Approx. Qty</th>
<th>Unit</th>
<th>Max Excavation Cut (ft) / Fill (ft)</th>
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<td></td>
<td></td>
<td>2109+00</td>
<td>2112+50</td>
<td>Rt</td>
<td>Main</td>
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<td>4</td>
<td>Level 4</td>
</tr>
<tr>
<td>RESTEL-2</td>
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<td>2113+50</td>
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<td>RESTEL-3</td>
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<td>2118+00</td>
<td>Rt</td>
<td>Main</td>
<td>100.0</td>
<td>LF</td>
<td>4</td>
<td>Level 4</td>
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<tr>
<td>RESTEL-4</td>
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<td>Rt</td>
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<td>LF</td>
<td>-</td>
<td>Level 1</td>
</tr>
</tbody>
</table>
Utility Conflict Plan

Sheet piling and back slope encounter with Fiber Optic line

Utility Coordination Table Appendix A of SP XXX(XX)
SS-4-0371023J01 PON 22160
Sorted By Company

<table>
<thead>
<tr>
<th>Comments</th>
<th>Utility Company</th>
<th>Type of Facility</th>
<th>Protect in Place</th>
<th>Conflict</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber Optic line in the way of revised back slope and ditch widening.</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Fiber Optic line in the way of piling placement for de-watering channel for box placement.</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Fiber Optic line in the way of piling placement for de-watering channel for box placement.</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
<td>X</td>
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<tr>
<td>Fiber Optic line in the way of piling placement for de-watering channel for box placement. Line must be relocated prior to bypass construction.</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
<td>X</td>
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</tbody>
</table>
Updating Table and Segment sheets
<table>
<thead>
<tr>
<th>UE ID#</th>
<th>Utility Coordinate Exhibits</th>
<th>Approx. Ska From</th>
<th>Approx. Ska To</th>
<th>LTRT Crossing or Point Location</th>
<th>Roadway (Align, Grade, Chain)</th>
<th>Approx Qty</th>
<th>Unit</th>
<th>Max Excavation Cut (+)</th>
<th>Fill (-)</th>
<th>Feet</th>
<th>Encounte r Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESEL-1</td>
<td>1</td>
<td>2109+00</td>
<td>2112+50</td>
<td>Rt</td>
<td>Main</td>
<td>350.0</td>
<td>LF</td>
<td>4</td>
<td>Level 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RESEL-PR1.1</td>
<td>1</td>
<td>2105+75</td>
<td>2112+50</td>
<td>Rt</td>
<td>Main</td>
<td>675.0</td>
<td>LF</td>
<td>0</td>
<td>Level 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RESEL-2</td>
<td>1</td>
<td>2112+50</td>
<td>2115+20</td>
<td>Rt</td>
<td>Main</td>
<td>160.0</td>
<td>LF</td>
<td>80</td>
<td>Level 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RESEL-PR1.2</td>
<td>1</td>
<td>2112+50</td>
<td>2115+20</td>
<td>Crossing</td>
<td>Main</td>
<td>160.0</td>
<td>LF</td>
<td>0</td>
<td>Level 1</td>
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<td></td>
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<td>RESEL-PR1.3</td>
<td>1</td>
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<td>2115+20</td>
<td>Lt</td>
<td>Main</td>
<td>160.0</td>
<td>LF</td>
<td>0</td>
<td>Level 1</td>
<td></td>
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<tr>
<td>RESEL-3</td>
<td>1</td>
<td>2117+00</td>
<td>2118+00</td>
<td>Rt</td>
<td>Main</td>
<td>100.0</td>
<td>LF</td>
<td>4</td>
<td>Level 4</td>
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<td></td>
</tr>
<tr>
<td>RESEL-PR1.4</td>
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<td>2112+50</td>
<td>2115+20</td>
<td>Lt</td>
<td>Main</td>
<td>160.0</td>
<td>LF</td>
<td>0</td>
<td>Level 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: The proposed location for RESTEL-PR1.1 is shown in the diagram. The fiber line to be abandoned is also marked on the map.
### Proposed Utility Resolution Table

**Utility Company Information**

<table>
<thead>
<tr>
<th>UE ID#</th>
<th>Utility Coordination Exhibits</th>
<th>Approx. Start From</th>
<th>Approx. Start To</th>
<th>LT/RT or Crossing Point Location</th>
<th>Roadway (Alignment/Chain)</th>
<th>Approx. Qty</th>
<th>Unit</th>
<th>Max Excavation Cut (+) / Fill (-) Foot</th>
<th>Encounter Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESTEL-1</td>
<td>1</td>
<td>2103+00</td>
<td>2112+50</td>
<td>Rt</td>
<td>Main</td>
<td>350.0</td>
<td>LF</td>
<td>4</td>
<td>Level 4</td>
</tr>
<tr>
<td>RESTEL-PR1.1</td>
<td>1</td>
<td>2105+75</td>
<td>2112+50</td>
<td>Rt</td>
<td>Main</td>
<td>675.0</td>
<td>LF</td>
<td>0</td>
<td>Proposed Level 3</td>
</tr>
<tr>
<td>RESTEL-2</td>
<td>1</td>
<td>2113+30</td>
<td>2115+20</td>
<td>Rt</td>
<td>Main</td>
<td>160.0</td>
<td>LF</td>
<td>80</td>
<td>Level 4</td>
</tr>
<tr>
<td>RESTEL-PR2.1</td>
<td>1</td>
<td>2112+50</td>
<td>2112+50</td>
<td>Crossing</td>
<td>Main</td>
<td>100.0</td>
<td>LF</td>
<td>0</td>
<td>Proposed Level 1</td>
</tr>
<tr>
<td>RESTEL-PR2.2</td>
<td>1</td>
<td>2112+50</td>
<td>2116+50</td>
<td>Lt</td>
<td>Main</td>
<td>400.0</td>
<td>LF</td>
<td>0</td>
<td>Proposed Level 1</td>
</tr>
<tr>
<td>RESTEL-3</td>
<td>1</td>
<td>2117+00</td>
<td>2110+00</td>
<td>Rt</td>
<td>Main</td>
<td>100.0</td>
<td>LF</td>
<td>4</td>
<td>Level 4</td>
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<tr>
<td>RESTEL-PR3.1</td>
<td>1</td>
<td>2116+50</td>
<td>2124+30</td>
<td>Rt</td>
<td>Main</td>
<td>640.0</td>
<td>LF</td>
<td>0</td>
<td>Proposed Level 1</td>
</tr>
<tr>
<td>RESTEL-4</td>
<td>1</td>
<td>2130+30</td>
<td>2130+30</td>
<td>Rt</td>
<td>Main</td>
<td>0.0</td>
<td>LF</td>
<td>-</td>
<td>Level 1</td>
</tr>
</tbody>
</table>

**Utility Company**

<table>
<thead>
<tr>
<th>Contact Name</th>
<th>Phone/Mobile</th>
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</thead>
<tbody>
<tr>
<td>Jenny</td>
<td>701-555-3333</td>
</tr>
</tbody>
</table>
## Proposed Utility Resolution Table

<table>
<thead>
<tr>
<th>Encounter Level</th>
<th>Comments</th>
<th>Utility Company</th>
<th>Type of Facility</th>
<th>T-Days</th>
<th>Protect in Place</th>
<th>Conflict</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 4</td>
<td>Fiber Optic line in the way of reused back slope and ditch filling. Relocated by June 1, 2020.</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
<td>T-Days</td>
<td>3</td>
<td>X</td>
</tr>
<tr>
<td>Proposed Level 1</td>
<td>This line will resolve UE RSTEL-1</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
<td>NA</td>
<td>NA</td>
<td>X</td>
</tr>
<tr>
<td>Level 4</td>
<td>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.</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
<td>T-Days</td>
<td>1</td>
<td>X</td>
</tr>
<tr>
<td>Proposed Level 1</td>
<td>This line will resolve UE RSTEL-2</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
<td>NA</td>
<td>NA</td>
<td>X</td>
</tr>
<tr>
<td>Proposed Level 1</td>
<td>This line will resolve UE RSTEL-2</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
<td>NA</td>
<td>NA</td>
<td>X</td>
</tr>
<tr>
<td>Proposed Level 1</td>
<td>This line will resolve UE RSTEL-2</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>Level 4</td>
<td>Fiber Optic line in the way of reused back slope and ditch filling. Relocated by June 1, 2020.</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
<td>T-Days</td>
<td>3</td>
<td>X</td>
</tr>
<tr>
<td>Proposed Level 1</td>
<td>This line will resolve UE RSTEL-3</td>
<td>Reservation Telephone</td>
<td>Fiber Optic Line</td>
<td>T-Days</td>
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<td>X</td>
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<td>Level 1</td>
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<td>Fiber Optic Line</td>
<td>48Hz</td>
<td>0</td>
<td>X</td>
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</table>
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Proposed Utility Resolution Sheet
### Proposed Utility Resolution Table

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

<table>
<thead>
<tr>
<th>UE ID</th>
<th>Utility Coordination Exhibits</th>
<th>Appr. Site From</th>
<th>Appr. Site To</th>
<th>LTART on Crossing or Plant Location</th>
<th>Floodway or Unimproved Chain</th>
<th>Approv. - Obj</th>
<th>Min Excavation Cut (or VFT) (ft)</th>
<th>Encroachment Level</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESTEL-1</td>
<td>2105-10 to 2105-90</td>
<td>2105-90</td>
<td>Pit</td>
<td>Main</td>
<td>350.0</td>
<td>LF</td>
<td>4</td>
<td>Level 4</td>
<td>Fiber Optic line in the access road back slope and ditch cutting. Relocated by June 1, 2020.</td>
</tr>
<tr>
<td>RESTEL-9R1</td>
<td>2105-75 to 2105-90</td>
<td>2105-90</td>
<td>Pit</td>
<td>Main</td>
<td>675.0</td>
<td>LF</td>
<td>0</td>
<td>Proposed Level 1</td>
<td>This line will enter URESTEL-1</td>
</tr>
<tr>
<td>RESTEL-2</td>
<td>2104-90 to 2104-90</td>
<td>2104-90</td>
<td>Pit</td>
<td>Main</td>
<td>160.0</td>
<td>LF</td>
<td>06</td>
<td>Level 4</td>
<td>Fiber Optic line in the existing roadway location for re-nourishing or re-channeling of embankment. Line will be relocated prior to road construction. Relocated by June 1, 2020.</td>
</tr>
<tr>
<td>RESTEL-PR-2</td>
<td>2104-90 to 2104-90</td>
<td>2104-90</td>
<td>Pit</td>
<td>Main</td>
<td>160.0</td>
<td>LF</td>
<td>0</td>
<td>Proposed Level 1</td>
<td>The line will enter URESTEL-2</td>
</tr>
<tr>
<td>RESTEL-PR-2</td>
<td>2104-90 to 2104-90</td>
<td>2104-90</td>
<td>Pit</td>
<td>Main</td>
<td>490.0</td>
<td>LF</td>
<td>0</td>
<td>Proposed Level 1</td>
<td>The line will enter URESTEL-2</td>
</tr>
<tr>
<td>RESTEL-PR-2</td>
<td>2104-90 to 2104-90</td>
<td>2104-90</td>
<td>Pit</td>
<td>Main</td>
<td>160.0</td>
<td>LF</td>
<td>0</td>
<td>Proposed Level 1</td>
<td>The line will enter URESTEL-2</td>
</tr>
<tr>
<td>RESTEL-PR-3</td>
<td>2104-90 to 2104-90</td>
<td>2104-90</td>
<td>Pit</td>
<td>Main</td>
<td>490.0</td>
<td>LF</td>
<td>0</td>
<td>Proposed Level 1</td>
<td>The line will enter URESTEL-3</td>
</tr>
<tr>
<td>RESTEL-PR-4</td>
<td>2104-90 to 2104-90</td>
<td>2104-90</td>
<td>Pit</td>
<td>Main</td>
<td>840.0</td>
<td>LF</td>
<td>0</td>
<td>Proposed Level 1</td>
<td>The line will enter URESTEL-3</td>
</tr>
<tr>
<td>RESTEL-PR-4</td>
<td>2104-90 to 2104-90</td>
<td>2104-90</td>
<td>Pit</td>
<td>Main</td>
<td>840.0</td>
<td>LF</td>
<td>0</td>
<td>Proposed Level 1</td>
<td>The line will enter URESTEL-3</td>
</tr>
<tr>
<td>RESTEL-PR-4</td>
<td>2104-90 to 2104-90</td>
<td>2104-90</td>
<td>Pit</td>
<td>Main</td>
<td>840.0</td>
<td>LF</td>
<td>0</td>
<td>Proposed Level 1</td>
<td>UIRO remains. Protect in Place</td>
</tr>
</tbody>
</table>

### Utility Company Information

<table>
<thead>
<tr>
<th>Utility Company</th>
<th>Contact Name</th>
<th>Phone Number</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recreation Telephone</td>
<td>Jenny</td>
<td>701-867-3329</td>
<td>Annotate Level</td>
</tr>
</tbody>
</table>

### Utility Encounter Level Designations

<table>
<thead>
<tr>
<th>UE Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
<td>Site location exposed by proposed improvements, no impacts.</td>
</tr>
<tr>
<td>Level 2</td>
<td>Site location exposed by proposed improvements, contains temporary impacts, requires some protection and perform safe excavation.</td>
</tr>
<tr>
<td>Level 3</td>
<td>Site location exposed by proposed improvements, and requires safe temporary protection. Temporary relocation of utility may not be required.</td>
</tr>
<tr>
<td>Level 4</td>
<td>Site location exposed by proposed improvements, and requires complete relocation. Vertical and horizontal location of utility will not be impacted.</td>
</tr>
<tr>
<td>Proposed Level 1</td>
<td>Site location exposed by proposed improvements, new location, the final Encroachment Level could be that of Level 2. Utility exposed by proposed improvements, but no permanent impacts, contract is in place and perform careful excavation.</td>
</tr>
<tr>
<td>Proposed Level 2</td>
<td>Site location exposed by proposed improvements, new location, the final Encroachment Level could be that of Level 2. Utility exposed by proposed improvements, but no permanent impacts, contract is in place and perform careful excavation.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Utility Company</th>
<th>Contact Name</th>
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<tr>
<td>Recreation Telephone</td>
<td>Jenny</td>
<td>701-867-3329</td>
<td>Annotate Level</td>
</tr>
</tbody>
</table>
### Permit Segment Sheet

#### Permit Information
- **Location Number:**
- **District Tracking Number:**
- **Starting Location:**
- **End Location:**

#### Applicant Information
- **Permit Code:** PMCD 1
- **Nearest Highway/I-35W:** 37
- **Approach Miles:** 0
- **Parshall:**
- **Utility Location:**
  - **Direction:** South

#### Environment Consequences
- **Yes/No:** Yes
- **Impacts:**
  - 5 (Cultural Mnrtn)
  - 3 (Area-Anomaly)
  - 2 (Dill Biological)

#### Specific Comments on Understanding for Utility Coordination
- Construction Activities: Shovel, Piping, and Track Delineation
- Reclamation:
- Utility Company Responsibilities:
- Permit Issuance:
- Additional Information:

#### Utility Coordination Details
- **Utility Coordination:** Yes
- **Estimated Time to Complete Relocation:**
  - **D:** 7
  - **W:** 0

---

**FOR STATE USE ONLY:**

#### Permit Information
- **Location Number:**
- **District Tracking Number:**
- **Starting Location:**
- **End Location:**

#### Applicant Information
- **Permit Code:**
- **Nearest Highway/I-35W:**
- **Approach Miles:** 0
- **Parshall:**
- **Utility Location:**
  - **Direction:** South

#### Environment Consequences
- **Yes/No:** Yes
- **Impacts:**
  - 5 (Cultural Mnrtn)
  - 3 (Area-Anomaly)
  - 2 (Dill Biological)

#### Specific Comments on Understanding for Utility Coordination
- Construction Activities: Shovel, Piping, and Track Delineation
- Reclamation:
- Utility Company Responsibilities:
- Permit Issuance:
- Additional Information:

#### Utility Coordination Details
- **Utility Coordination:** Yes
- **Estimated Time to Complete Relocation:**
  - **D:** 7
  - **W:** 0

---

**This is a Reimbursable Resolution and a Permit Is Needed**

#### Permit Information
- **Location Number:**
- **District Tracking Number:**
- **Starting Location:**
- **End Location:**

#### Applicant Information
- **Permit Code:**
- **Nearest Highway/I-35W:**
- **Approach Miles:** 0
- **Parshall:**
- **Utility Location:**
  - **Direction:** South

#### Environment Consequences
- **Yes/No:** Yes
- **Impacts:**
  - 5 (Cultural Mnrtn)
  - 3 (Area-Anomaly)
  - 2 (Dill Biological)

#### Specific Comments on Understanding for Utility Coordination
- Construction Activities: Shovel, Piping, and Track Delineation
- Reclamation:
- Utility Company Responsibilities:
- Permit Issuance:
- Additional Information:

#### Utility Coordination Details
- **Utility Coordination:** Yes
- **Estimated Time to Complete Relocation:**
  - **D:** 7
  - **W:** 0

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**This is a Reimbursable Resolution and a Permit Is Needed**

#### Permit Information
- **Location Number:**
- **District Tracking Number:**
- **Starting Location:**
- **End Location:**

#### Applicant Information
- **Permit Code:**
- **Nearest Highway/I-35W:**
- **Approach Miles:** 0
- **Parshall:**
- **Utility Location:**
  - **Direction:** South

#### Environment Consequences
- **Yes/No:** Yes
- **Impacts:**
  - 5 (Cultural Mnrtn)
  - 3 (Area-Anomaly)
  - 2 (Dill Biological)

#### Specific Comments on Understanding for Utility Coordination
- Construction Activities: Shovel, Piping, and Track Delineation
- Reclamation:
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- Additional Information:

#### Utility Coordination Details
- **Utility Coordination:** Yes
- **Estimated Time to Complete Relocation:**
  - **D:** 7
  - **W:** 0

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**This is a Reimbursable Resolution and a Permit Is Needed**

#### Permit Information
- **Location Number:**
- **District Tracking Number:**
- **Starting Location:**
- **End Location:**

#### Applicant Information
- **Permit Code:**
- **Nearest Highway/I-35W:**
- **Approach Miles:** 0
- **Parshall:**
- **Utility Location:**
  - **Direction:** South

#### Environment Consequences
- **Yes/No:** Yes
- **Impacts:**
  - 5 (Cultural Mnrtn)
  - 3 (Area-Anomaly)
  - 2 (Dill Biological)

#### Specific Comments on Understanding for Utility Coordination
- Construction Activities: Shovel, Piping, and Track Delineation
- Reclamation:
- Utility Company Responsibilities:
- Permit Issuance:
- Additional Information:

#### Utility Coordination Details
- **Utility Coordination:** Yes
- **Estimated Time to Complete Relocation:**
  - **D:** 7
  - **W:** 0
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
### Location, Quantity, and Level Information
(This information will be the same in the resolution plans)

<table>
<thead>
<tr>
<th>Utility ID#</th>
<th>UR ID#</th>
<th>PUR ID#</th>
<th>Utility Coordination Exhibits</th>
<th>Approx. Sta From</th>
<th>Approx. Sta To</th>
<th>LT/RT or Crosssing Point Location</th>
<th>Roadway (Alignment/Chain)</th>
<th>Approx. Qty</th>
<th>Unit</th>
<th>Max Excavation Cut (+) / Fill (-) Feet</th>
<th>Encounter Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIDCO-1</td>
<td>1</td>
<td>2116+72</td>
<td>2122+20</td>
<td>RT</td>
<td>PRMAINAVE</td>
<td>549.0</td>
<td>LF</td>
<td>-6</td>
<td>Proposed Level 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MIDCO-P1</td>
<td>1</td>
<td>500+65</td>
<td>501+87</td>
<td>RT</td>
<td>PRMAINAVE</td>
<td>121.0</td>
<td>LF</td>
<td>-5</td>
<td>Proposed Level 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Utility Coordination Table Appendix A of SP XXX

The contractors are to verify line locations and utility information with the Engineer prior to beginning construction.

Northern Hills
<table>
<thead>
<tr>
<th>Utility Coordination Tables Appendix A of SP 330/02</th>
<th>/notification Days to Mobilize &amp; Complete Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Facility &amp; UE</td>
<td>Notification Days to Mobilize &amp; Complete Work</td>
</tr>
<tr>
<td>Same in the Resolution Plans</td>
<td></td>
</tr>
</tbody>
</table>
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.
Utility SP – Exhibits

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 example, the electric line NOPEC-1 was to 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 (NOPEC-PR2.1, NOPEC-PR2.2, and NOPEC-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 NOPEC-1, is being relocated to include NOPEC-RL2, NOPEC-R1.3, NOPEC-R1.1.

Note the Stationing is missing on this exhibit. Please include stationing for your Utility Coordination Exhibits.
Utility Encounter (UE) ID# - NOPECI-2 ~ Level 4 (Relocate)

The UE # and PUR # or UE # of the project should be created in a way that helps to logically identify the contractor during the project. The PUR # and UE # will be entered into the agreements between the NDOT and the Utility Company.

<table>
<thead>
<tr>
<th>NOPECI-1</th>
<th>1</th>
<th>2129-79</th>
<th>to</th>
<th>2135-50</th>
<th>RT</th>
<th>DOM/NAME</th>
<th>PLV</th>
<th>LF</th>
<th>-4</th>
<th>Level 4</th>
<th>Proposed Level 2</th>
<th>Proposed to be Relocated Line from NOPECI-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOPECI-PR2-1</td>
<td>1</td>
<td>2135+79</td>
<td>to</td>
<td>2140+80</td>
<td>RT</td>
<td>PRM/NAME</td>
<td>25.0</td>
<td>LF</td>
<td>-4</td>
<td>Proposed Level 2</td>
<td>Proposed to be Relocated Line from NOPECI-2</td>
<td></td>
</tr>
<tr>
<td>NOPECI-PR2-2</td>
<td>1</td>
<td>2140+79</td>
<td>to</td>
<td>2145-50</td>
<td>RT</td>
<td>PRM/NAME</td>
<td>10.0</td>
<td>LF</td>
<td>-4</td>
<td>Proposed Level 2</td>
<td>Proposed to be Relocated Line from NOPECI-2</td>
<td></td>
</tr>
<tr>
<td>NOPECI-PR2-3</td>
<td>1</td>
<td>2145+50</td>
<td>to</td>
<td>2150+50</td>
<td>RT</td>
<td>DOM/NAME</td>
<td>10.0</td>
<td>LF</td>
<td>-4</td>
<td>Proposed Level 2</td>
<td>Proposed to be Relocated Line from NOPECI-2</td>
<td></td>
</tr>
</tbody>
</table>