Utilities Analysis and Routing Report (final)

UARR (f)

TIP       /       WBS

      County



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# Purpose of UARR (f)

This document establishes a basis for agreement between NCDOT and interested parties for the

* recognition of utility conflicts with the current project design after mitigation efforts
* recognition of responsibilities for costs, design, permitting, and construction to resolve the conflicts
* recognition of project schedules
* recognition of probable solutions compatible with other utilities, environmental constraints, and the project design and construction

# Executive Summary

This project creates conflicts with the following utilities:

* Water

* Sewer

* Gas

* Power

* Telephone

* CATV

# Project Information

## General Highway Project description

## Clear Recovery Distance

## Control of Access Requirements

# Project Contacts

NCDOT Utilities Project Design Engineer:        
 telephone:       email:      @ncdot.gov

NCDOT Utilities Coordinator:        
 telephone:       email:      @ncdot.gov

# Current Schedule of Project

Final R/W Plans

Let

# Record of Actions

UARR (p)

Utility Construction Requests (including betterment requests)

SUE Level A requests received

Preliminary Utility Easement Requests

Utility Designs (final) from Utility Owner

Final Utility Easement Requests

Preliminary Utilities by Others plans

Final Design Field Inspection

Concurrence by Utility Owner of UARR

UARR (f)

# Proposed Schedule of Actions prior to Letting

Utility Authorizations

Utility Environmental Permit Submittal

Utility Easements obtained

Environmental permits received for Utility Relocations

Utility Relocations begin

Utility Construction Agreement Plans

Utility Construction Final PS&E

Utilities by Others Final Plans and Provisions

Utility Relocations complete

Utility Construction Agreements executed by owner (U&O or UA)

# Utility Owner Contacts and Responsibilities for Design, Construction and Cost

## Water – (     )

## Sewer – (     )

## Gas – (     )

## Power – (     )

## Telephone – (     )

## CATV – (     )

## Other

# Utility Easements (Existing and Proposed)

# Survey Data Obtained and Analyzed

# Project Design Accomplishments for Utilities

## Water – (     )

## Sewer – (     )

## Gas – (     )

## Power – (     )

## Telephone – (     )

## CATV – (     )

## Other

# Permit Needs

## DENR Water or Sanitary Sewer

## Railroad Permits

## Environmental Impacts

# Coordination and Constructability

## Traffic Control Needs

## Division Construction Review

## Constructability Issues

## Utility Owner’s Comments

## Utility Relocation Durations and Staging

## Water – (     )

## Sewer – (     )

## Gas – (     )

## Power – (     )

## Telephone – (     )

## CATV – (     )

## Other

# Correspondence, References and Appendices

UARR plans

SUE requests and data

UCR

Utility Easement Requests

Preliminary UbO plans

Estimates

Utility Owner concurrence of UARR

# Detailed Analysis - Roadway Sheet

**Existing Water or Sewer Line**-

**Conflict-**

**Proposed Conflict Resolution and Routing-**

**Betterment and Proposed facilities-**

**Existing Gas Line**-

**Conflict-**

**Proposed Conflict Resolution and Routing-**

**Betterment and Proposed facilities-**

**Existing Power**

**Conflict-**

**Proposed Conflict Resolution and Routing-**

**Betterment and Proposed facilities-**      

**Existing Telephone**

**Conflict-**

**Proposed Conflict Resolution and Routing-**

**Betterment and Proposed facilities-**      

**Existing CATV**

**Conflict-**

**Proposed Conflict Resolution and Routing-**

**Betterment and Proposed facilities-**      