Utilities Analysis and Routing Report (preliminary)

UARR (p)

TIP \_\_\_\_ / \_\_\_\_\_\_ WBS

\_\_\_\_ County

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Utilities Unit

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Written by:

# Purpose of UARR (p)

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

* analysis of utility conflicts with the current project design
* opportunities for reducing conflicts through project design,
* preliminary assessment of responsibilities for costs and design,
* recognition of project schedules,
* opportunities for budgeting,
* possible solutions for consideration of compatible with other utilities, environmental constraints, and the project design and construction.

# Executive Summary

This highway project has potential 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

# Schedule of Actions

UARR (preliminary)

Utility Construction Requests (including betterment requests)

SUE Level A requests to be sent to Location and Surveys

Preliminary Utility Easement Requests

Utility Designs (final) from Utility Owners

Final Utility Easement Requests

Preliminary Utilities by Others plans

Final Design Field Inspection

Concurrence by Utility Owner of UARR

UARR (final)

# Future 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, Utility Designers, and preliminary Cost Responsibilities

## Water – ( )

## Sewer – ( )

## Gas – ( )

## Power – ( )

## Telephone – ( )

## CATV – ( )

## Other

# Utility Easements (Existing and Preliminary)

# Survey Data Required

# Possible Project Design Efforts for Utilities

## Water – ( )

## Sewer – ( )

## Gas – ( )

## Power – ( )

## Telephone – ( )

## CATV – ( )

## Other

# Possible Permit Needs

## 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

Kick-off Meeting invite

Kick-off Meeting minutes

Kick-off Meeting attendees

Plan markups