

Utilities Unit - File Naming Conventions

Utility Analysis and Routing Plans

Final UAR Plans shall be submitted in a single pdf file format

Tip#_ut_uar_plans_date.pdf

One pdf file (**individual sheets not allowed**)

Example: B4565_ut_uar_plans_yymmdd.pdf

Tip#_ut_tsh_uar01_psh.dgn - [Utility Analysis and Routing Title Plan Sheet]

Reference the **Tip#_ut_ucput.dgn - [Utility Construction Design File]** and **Tip#_ut_uoput.dgn - [Utilities By Others Relocation Design File]** to the UAR Plan Sheets

Tip#_ut_uarput.dgn - [Utility Analysis and Routing Design File]

(uarput is for conflict analysis only the ucput and uoput shows the preliminary routing)

Tip#_ut_rdy(sht#)_UAR(uar sht#)_psh.dgn - [Utility Analysis and Routing Plan Sheets]

Example: B4565_ut_rdy4_UAR02_psh.dgn

Utility Construction Plans

Tip#_ut_tsh_UC01_psh.dgn - [Utility Construction Title Plan Sheet]

Tip#_ut_tsh_UC01a_psh.dgn - [Utility Survey Control Plan Sheets]

(Additional sheets 01b-01z)

Tip#_ut_sym_UC02_psh.dgn - [Utility Construction Symbology Plan Sheet]

Tip#s_ut_notes_UC03_psh.dgn - [Utility Construction General Notes Plan Sheets]

(Additional sheets 03a-03z)

Tip#_ut_dtl_UC03*_psh.dgn - [Utility Construction Details Plan Sheets]

(Additional sheets 03*-03z)

*Next letter after last Utility Construction General Notes Plan Sheets

Tip#_ut_ucput.dgn - [Utility Construction Design File]

(All Utility Construction Relocations are shown in this file for the entire length of the project)

Tip#_ut_rdy(sht#)_UC(utl const sht#)_psh.dgn - [Utility Construction Plan Sheets]

Example: B4565_ut_rdy4_UC04_psh.dgn

Tip#_ut_pfl_UC(utl const sht#)_psh.dgn - [Utility Construction Profile Plan Sheets]

(Shown after the Utility Construction Plan Sheets)

Example: B4565_ut_pfl_UC20_psh.dgn

Utilities By Other Plans

Tip#_ut_tsh_UO01_psh.dgn - [Utilities By Others Title Plan Sheet]

Tip#_ut_uopot.dgn - [Utilities By Others Relocation Design File]

(All Utilities By Others Relocations are shown in this file for the entire length of the project)

Tip#_ut_(rdy sht#)_UO(utl by Others Sht#)_psh.dgn- [Utilities By Others Plan Sheets]

Example: B4565_ut_rdy4_UO02_psh.dgn

Utility Construction Agreement Plans (Utilities Cost Breakdowns)

Final UC Agreement Plans shall be submitted in a single pdf file format

Tip#_ut_ucagreement_plans_date.pdf

One pdf file (**individual sheets not allowed**)

Example: B4565_ut_ucagreement_plans_yymmdd.pdf

Tip#_ut_tsh_UA01_psh.dgn - [Utility Construction Agreement Title Plan Sheet]

Reference the **Tip#_ut_ucput.dgn - [Utility Construction Design File]** to the Agreement Plan Sheets

Tip#_ut_rdy(sht#)_UA(ucagr sht#)_psh.dgn - [Utility Construction Agreement Plan Sheets]

Example: B4565_ut_rdy4_UA02_psh.dgn

Natural Environment Section (NES) Plans (Utility Relocations Environmental Impacts)

Final NES Plans shall be submitted in a single pdf file format

Tip#_ut_nes_plans_date.pdf

One pdf file (**individual sheets not allowed**)

Example: B4565_ut_nes_plans_yymmdd.pdf

Tip#_ut_tsh_UE01_psh.dgn - [Environment Permit Title Plan Sheet]

Tip#_ut_env_impacts.dgn [Environmental Impacts File]

Reference the **Tip#_ut_ucput.dgn - [Utility Construction Design File]** and **Tip#_ut_uopot.dgn - [Utilities By Others Relocation Design File]** to the Environmental Permit Plan Sheets

Tip#_ut_rdy(sht#)_UE(utl nes sht#)_psh.dgn - [Environmental Permit Plan Sheets]

Example: B4565_ut_rdy4_UE02_psh.dgn

PUE File

Tip#_ut_pue.dgn
Example: B4565_ut_pue.dgn

GPK File

Change the gpk name from **jobrdy.gpk** to **jobutl.gpk**

Utility Companies - Utilities Relocation Plans

Proposed Power Line Relocations

Tip#_ut_pow_(Company/Abbrev).dgn

Proposed Telephone Line Relocations

Tip#_ut_tel_(Company/Abbrev).dgn

Proposed Gas Line Relocations

Tip#_ut_gas_(Company/Abbrev)

Proposed Cable TV/Radio Line Relocations

Tip#_ut_catv_(Company/Abbrev).dgn

Proposed Water Line Relocations

Tip#_ut_wat_(Company/Abbrev).dgn

Proposed Sanitary Sewer Relocations

Tip#_ut_sew_(Company/Abbrev).dgn

Proposed Water and Sanitary Sewer Relocations

Tip#_ut_wat_sew_(Company/Abbrev).dgn

The design for all utility relocations are to be shown in one file as named above. Individual sheets are not desired, we prefer one file showing all relocations the entire length of the project. Use the localized coordinate system developed for each project shown in the NCDOT Roadway Design Plans. Submit plans in Microstation Format.