330 Utility Work by Highway Contractor Agreement Plans

330.1 General

Most utility adjustment work is performed by the utility owners or their contractor. In some cases, it is advantageous to the Department and Utility to include the utility work as part of the roadway contract. In such cases the Department will enter into an agreement with a Utility for this purpose. These agreements are called Utility Work by Highway Contractor (UWHC) Agreements. The highway contractor is required to construct or relocate the specified utilities in accordance with the plans and special provisions developed by the Utility and incorporated as part of the bid package.

Typically, utility projects are included as strung projects. There are times when a utility company may reject the bid amount for their project. As a separate set of plans, the quantities and cost can be readily extracted from the contract.

Occasionally utility work may extend outside the normal construction limits of the project. When this is the case the limits of the utility work must be shown or noted on the plans.

For UWHC Agreements, prepare the utility plans in the same basic format as Department plans and as a separate plans set. Assemble the plans as follows:

(1) Key Sheet

(2) Signature Sheet (if required)

(3) Tabulation of Quantities

(4) Plan-Profile Sheets

(5) Cross Sections (as required)

(6) Detail Sheets (as required)

Modification for Non-Conventional Projects:
Delete Item (3) from the above list.

Reflect any special technical or relocation agreement provisions in the plans. In some cases it may not be practical or reasonable to develop separate plans sets for incidental construction under a UWHC Agreement. The EOR should consult with the District Utility

Engineer to determine the requirements in these cases. For further financial guidance, contact the Department's Office of Comptroller, General Accounting Office.

330.2 Key Sheet

The key sheet is the first sheet in the component plan set and must be prepared as described in ***FDM 302***. The location map and contract plans set information are not required if shown on the lead key sheet. Show the index of plan on the left side of the sheet. Other data, including name, consultant contract number, vendor number, and certificate of authorization number of the firm (when plans are prepared by a consultant), must be shown as described in ***FDM 302***.

Refer to the ***Work Program Instructions (Part III - Chapter 43)*** for guidance on the Financial Project ID phase number identification.

330.3 Signature Sheet

See ***FDM 303*** for Signature Sheet requirements.

330.4 Tabulation of Quantities

Prepare the tabulation of quantities sheet in standard FDOT format and show any quantities tabulated for location, size, and quantity. Standard notes referring to item numbers must also be shown on this sheet or on plan sheets.

When there is not a roadway component, see ***FDM 307.1*** for placing Summary of Quantities sheets in the UWHC plan set.

Summary of pay item sheets will be prepared as noted in ***FDM 304***.

Modification for Non-Conventional Projects:
Delete ***FDM 330.4***.

330.5 Plan Sheets

Utility plans must show full construction details for all utilities to be relocated or constructed by the contractor as covered by the UWHC Agreement. A plan-profile sheet format should be utilized where appropriate. Show all underground utilities in the plan

portion, and those which equal or exceed 4" must also be shown in the profile portion. Show all above ground Utilities in the plan portion (inclusive of underground connections).

When the construction limits are restricted such as when a power line is above and near a sanitary or water facility, either the facility (overhead lines) must be identified and shown in profile, or the minimum available vertical clearances, along with the type facility, stated on the plans. Show applicable project information similar to that described in ***FDM 312***. Show utilities to be relocated or constructed in plan and profile and in accordance with the FDOT CADD Software. The scale used should be the same as that used for the roadway plan-profile sheets.

The disposition and final ownership of any utility infrastructure that is to be removed by the contractor and salvaged must be identified in the plans. Include the address of the Utility/Agency Owner receiving the salvaged utility infrastructure in the pay item notes on the Summary of Quantity Sheet (see ***FDM 307*** and ***Exhibit 307-1***).

Modification for Non-Conventional Projects:
Delete last sentence from the above paragraph. See RFP.