322 Utility Adjustments

322.1 General

The Utility Adjustments sheets provide coordination between the contractor and the affected utility companies. These sheets show the approximate locations of existing, proposed and relocated utilities, which helps to identify potential conflicts or damage to utilities. Projects with minor utility work or impacts may include these features on the roadway plan or plan-profile sheets or appropriate component plan sheets.

322.2 Required Information

Show locations of existing and proposed utilities within the project limits.

Clearly show and label all proposed and relocated utilities on the plans using lines and standard utility symbols (see the ***CADD Manual***). Clearly indicate the disposition of existing utilities that are not to remain in place and in service; e.g., "To Be Removed", "To Be Adjusted", "To Be Relocated". The disposition of existing utilities that are to remain in place and in service need not be labeled.

Show the line voltage for all overhead electrical power lines.

Place the following notes on the first Utility Adjustment sheet. Include these notes in the General Notes (see ***Exhibit 311-1***) if there are no utility adjustment sheets in the plans:

(1) The location(s) of the utilities shown in the plans (including those designated V_v, V_h and V_{vh}) are based on limited investigation techniques and should be considered approximate only. The verified locations/elevations apply only at the points shown. Interpolations between these points have not been verified.

(2) Utility/Agency Owners:

Company Contact Telephone Number

The provided company names and phone numbers are for emergency utility contacts. Also include the contact information for persons responsible for the maintenance of FDOT utility infrastructure such as traffic counters, lighting, signal components, and ITS.

Include the Transportation Statistics Office in Tallahassee in the list of Utility/Agency Owners if there is a traffic-monitoring site on the project or within one-half mile of the

construction. The contact person is the Traffic Data Section Manager. Refer to ***FDM 312.2.6, Item No. 13*** for plan requirements involving traffic-monitoring sites.

322.3 Sheet Format

Prepare the utility adjustment sheets from CADD files generated for the plan or plan-profile sheets, and only the plan portion should be shown. Use levels, fonts and line weights in accordance with the ***CADD Manual***.

Information and graphic data that is not necessary for utility adjustment sheets may be removed by turning off the appropriate level(s) on which the data is stored. This will help ensure that information pertinent to utility adjustments is more easily seen. Show the following information on the utility adjustment sheets as a minimum:

(1) Baseline and/or centerline of survey.

(2) Curb and gutter or edge of pavement.

(3) Drainage structures (existing and proposed).

(4) Right of way lines.

(5) Station numbers.

(6) Street names.

(7) Location of existing utilities. Label all major utilities that have been field verified (see *Quality Level "A" locates*, ***FDM 221***) in accordance with the following symbol:

V_{vh} = Verified Vertical Elevation and Horizontal Location

At the District's option, a table of field-verified utilities containing the following information can replace the profile view on each sheet:

V_{vh} No.	Utility Description (Owner, Type)	Size	Material	B/L or C/L			Existing Ground Elevation	Top Elevation	Comments
				Station	Offset	Lt./Rt.			

(8) Disposition of existing utilities that are not to remain in place and in service.

(9) Location of new or relocated utilities.