

Chapter 20

Utility Adjustments

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Chapter 20

Utility Adjustments

20.1 General

The purpose of utility adjustment sheets is to provide coordination between the contractor and the affected utility companies. These sheets show the contractor the approximate locations of existing, proposed and relocated utilities, and thus aid the contractor in avoiding possible conflicts or damage to the utilities involved. Projects with minor utility work or impacts may include these features on the roadway plan or plan-profile sheets or appropriate component plan sheets.

20.2 Required Information

Locations of all existing and proposed utilities within the project limits must be shown on the plans.

Clearly show and label all proposed and relocated utilities on the plan using lines and standard utility symbols (see ***Design Standards, Index No. 002*** and the ***FDOT CADD Manual***). Disposition of all existing utilities that are not to remain in place and in service must be clearly indicated: for example "To Be Removed", "To Be Adjusted", "To Be Relocated", etc. The disposition of existing utilities that are to remain in place and in service need not be labeled. Label all proposed utilities appropriately. The line voltage for all overhead electrical power lines must be shown on the plans.

Show applicable general notes on the first utility adjustment sheet (see ***Exhibit 20-1***).

20.3 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 **FDOT 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. However, the utility adjustment sheets must show the following information 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. All major utilities that have been field verified (see *Quality Level "A" locates*, **Chapter 5** of Volume 1) must be labeled 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 and/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.

Exhibit 20-1 General Notes for Utility Adjustments

Place the following notes on the first Utility Adjustment Sheet. (If there are no utility adjustment sheets in the plans, these notes must be included in the General Notes shown on **Exhibit PN-1** in **Chapter 10** of this Volume).

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. Existing utilities are to remain in place unless otherwise noted.
3. Utility/Agency Owners:

Companies

Telephone Numbers

(Note: The above company names and phone numbers are for emergency utility contacts. Contact information must also be included for persons responsible for the maintenance (by contract or internally) of any FDOT utility infrastructure such as traffic counters, lighting, signal components, and ITS.)

If there is a traffic-monitoring site on the project or within one-half mile of the construction, the Transportation Statistics Office in Tallahassee must be added to the list of Utility/Agency Owners. The contact person is the Traffic Data Section Manager. Refer to **Section 10.2.7, Item No. 13** of this Volume for plan requirements involving traffic-monitoring sites.

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