

Chapter 9

Project Layout

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Chapter 9

Project Layout

9.1 General

The project layout sheet (or sheets) shows the horizontal alignment and plan or plan-profile sheet sequence and numbering for the project. This is an optional sheet, to be included in the plans set at the discretion of the district. The project layout sheet can prove to be of great advantage for large or complicated projects involving large interchanges with a number of diverging routes. If included in the plans set, this sheet should also show all survey reference points and list all project notes applicable to the project.

Modification for Non-Conventional Projects:

Delete the above paragraph and replace with the following:

The project layout sheet (or sheets) shows the horizontal alignment for the project. This sheet(s) shall also show all survey reference points and list all project notes applicable to the project.

The layout sheet shall be prepared on a standard plan format sheet in the FDOT Engineering/CADD Systems Software. Scale shall be such that clarity and legibility are preserved. North arrow and scale shall be shown at a point of maximum visibility on the sheet. For large, complicated projects, more than one sheet may be required to clearly depict all required information. Appropriate match lines shall be shown if more than one sheet is required.

9.2 Alignment Sheet Sequence

Complete project alignment with baseline of survey and/or centerline of construction shall be shown. Edge of pavements shall be shown if scale permits. Outlines of the plan, or plan-profile sheets shall be superimposed on the alignment to depict the sheet sequence with relation to the alignment stationing. Each sheet outline shall contain the appropriate plan sheet number. The order of plan/plan-profile sheet numbering shall be as follows:

1. Mainline (for widely separated roadways, the right roadway in the direction of stationing takes precedence)
2. Crossroads
3. Ramps
4. Frontage roads
5. Access roads

Beginning and ending stations for project, construction and ramps shall be flagged and labeled, including equations and/or exceptions.

Modification for Non-Conventional Projects:

Delete *PPM* 9.2 and replace with:

9.2 Alignment Sheet Sequence

Complete project alignment with baseline of survey and/or centerline of construction shall be shown. Beginning and ending stations for project, construction and ramps shall be flagged and labeled, including equations.

9.3 Survey Reference Points

Generally, survey reference points should be shown on the project layout sheet just beneath the alignment sheet sequence plan or where other space allows. Baseline survey and reference points, with all ties, shall be clearly indicated. Complete length of survey baseline between two consecutive reference points need not be shown. Each reference point shall be clearly labeled, beginning at the first reference point within the limits of the project, and progressing in the direction of stationing. Usually, reference points need not be drawn to any particular scale, but distances and angles shown shall be proportionate. Care should be taken to ensure that clarity and legibility are maintained.

9.4 Project Notes

When the layout sheet is included in the plans set, applicable project notes should be included on the layout sheet instead of the first plan-profile sheet to help simplify the plan-profile sheets. If the project notes for the project are numerous enough that putting them on the layout sheet (or the first plan sheet) becomes prohibitive, then a separate Project Notes Sheet may be used (See *Exhibit GN-1*).

Refer to *Section 10.4* and *Exhibit 10-1* in *Chapter 10* of this volume for project note requirements and a list of standard project notes.