321 Temporary Traffic Control Plan

321.1 General

A project-specific Temporary Traffic Control (TTC) plan is required for all plans sets. The TTC plan is used to describe the actions to be taken by the contractor to minimize traffic impacts while safely conveying traffic through a work zone. The TTC plan may include the following:

- General notes
- Phase notes
- Phase typical sections
- Phase plan-profile sheets
- Signalization plans
- Special details
- Temporary cross sections

321.2 Required Information

The information provided in the TTC plans may be simple (e.g., notes and references to the ***Standard Plans*****, *Index 102 Series***) or may be elaborate (e.g., detailed individual phase layouts using profile sheets, interchange and intersection layout sheets).

Provide the following information in the TTC plans:

- location of the centerline, pavement edge, curb line, shoulder
- placement of temporary pavement markings
- lane configurations
- locations of work zone signs and any other temporary work zone traffic control devices; e.g., changeable message signs, advanced warning arrow panels, barriers, crash cushions, temporary signals
- layout and placement of channelizing devices
- work to be accomplished during each phase of construction
- lane closures and other restrictions that apply
- regulatory speed limits for each phase
- project-specific requirements; e.g., school zones, railroads, waterborne vessels

When a project requires more than one phase of construction, the TTC plans must address each individual phase. Tabulate TTC quantities by phase and show in the Summary of Quantities sheet.

Modification for Non-Conventional Projects:
Delete the last sentence of the above paragraph.

321.3 Levels of Complexity

The following guidelines have been developed to assist in determining the level of detail and complexity that may be required for a project.

321.3.1 Level I

Project Type: Simple projects where method of construction is straightforward.

Examples: RRR, Enhancements, Resurfacing, Minor Widening

Components of the TTC Plan

(1) General Notes (including references to the applicable indexes in the ***Standard Plans***)

(2) Phase Typical Section(s)

(3) Minimal Special Details - where unique situations for the project exist

321.3.2 Level II

Project Type: Moderately complex construction projects, such as reconstruction of roadways.

Examples: Widening projects, Projects with Diversions or Detours

Components of the TTC Plan

(1) General Notes

(2) Phase Notes (including references to the applicable indexes in the ***Standard Plans***)

(3) Phase Typical Section(s)

(4) Detailed Plan Sheets (when a ***Standard Plans*** Index, does not apply)

(5) Cross Sections, as necessary; e.g., diversions, temporary drainage, temporary bridge structure

(6) Temporary Signalization Plans (if required)

(7) Special Details, as necessary; e.g., temporary drainage, slope requirements due to diversions, temporary signalization, railroad work

321.3.3 Level III

Project Type: Complex projects.

Components of the TTC Plan

(1) General Notes

(2) Phase Notes (including any references to the applicable ***Standard Plans*** Index)

(3) Phase Typical Section(s)

(4) Detailed Plan Sheets

(5) Cross Sections

(6) Temporary Signalization Plans (if required)

(7) Special Details, as necessary; e.g., Temporary Drainage; Temporary Signalization; Intersection Details

321.4 Format

Prepare TTC plans on a standard plan sheet. A scaled drawing is not always required; however, clarity and legibility are critical. When scaled drawings are required, the scale must not be less than 1" = 100' for plan sheets and 1" = 40' for special details. Use levels, fonts and line weights in accordance with the ***CADD Manual***.

Tools are available in FDOT CADD Software to assist in the development of TTC Plans.