

321 Temporary Traffic Control Plan

321.1 General

A project-specific Temporary Traffic Control Plan (TTCP) is required for all projects. The TTCP is used to describe the actions to be taken by the Contractor to minimize traffic impacts while conveying traffic through a work zone. The TTCP may include the following:

- General Notes
- Phasing Notes
- Phasing Typical Sections
- Phasing Plan-Profile Sheets
- Signalization Plans
- Special Details
- Temporary Cross Sections
- Temporary Highway Lighting Plans

321.2 TTCP Submittals

TTCP submittals typically include the following:

- (1) **Phase I:** a typical section for each phase as well as a description of the phasing sequence and work involved.
- (2) **Phase II:** a majority of the TTCP completed (75-90%) and a list of the pay items needed.
- (3) **Phase III:** a final TTCP, including all notes, pay items and preliminary quantities. The construction office estimates the duration for each phase of construction during Phase III review.
- (4) **Phase IV:** finalize the quantities in the plans and Designer Interface.

Modification for Non-Conventional Projects:

Delete **FDM 321.2** and replace with the following:

321.2 TTCP Phase Submittals

TTCP phase submittals include the following:

- (1) **Technical Proposal:** a typical section for each phase as well as a description of the phasing sequence and work involved.
- (2) **90% Component Plans Submittal:** a majority of the TTCP completed.
- (3) **Final Plans:** a final TTCP, including all notes.

321.3 Required Information

The information provided in the TTCP may be simple or may be elaborate (e.g., detailed individual phase layouts using profile sheets, interchange, and intersection layout sheets).

Provide the following information in the TTCP:

- Work zone speed
- Lane widths and shoulder widths
- Lane closure restrictions
- Traffic pacing restrictions
- PCMS message for each phase
- Temporary geometry for all road users (e.g., all necessary special details or phasing plans to provide a pedestrian detour or temporary pedestrian way)
- Locations or notes describing locations of temporary traffic control devices
- Temporary drainage design or permanent drainage design phasing
- Signal timing for each phase, including temporary actuation, to maintain all existing actuated or traffic responsive mode signal operations for main and side street movements for the duration of the Contract (coordinate with District Traffic Operations Engineer)

- Work, by location, to be accomplished during each phase of construction
- Project-specific requirements (e.g., school zones, railroads, waterborne vessels)

321.4 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.

321.4.1 Level I

Project Type: Simple construction projects

Examples: RRR, Minor Widening

Components of the TTCP

- (1) General Notes
- (2) Phase Typical Section(s)
- (3) Minimal Special Details
- (4) Pedestrian Special Details or Phasing Plans

321.4.2 Level II

Project Type: Complex construction projects

Examples: Widening Projects, Projects with Diversions

Components of the TTCP

- (1) General Notes
- (2) Phase Notes
- (3) Phase Typical Section(s)
- (4) Detailed Plan Sheets
- (5) Cross Sections, as necessary (e.g., diversions, temporary drainage, temporary bridge structure)

- (6) Temporary Signalization Plans, as necessary
- (7) Special Details, as necessary (e.g., temporary drainage, slope requirements due to diversions, temporary signalization, railroad work)
- (8) Pedestrian Special Details or Phasing Plans

321.5 Format

Prepare TTCP 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 TTCPs.