

SECTION A-8-SEQUENCE OF CONSTRUCTION/ TRANSPORTATION MANAGEMENT PLANS (TMP)

INTRODUCTION

Transportation Management Plans (TMP) are required on all Type A, B and C* projects. TMP's consist of the following strategies (or plans): Temporary Traffic Control, Public Communication and Transportation Operations. Refer to [LD-IIM-241](#) for guidance.

These guidelines serve as a tool to assist the designer in plan preparation. Sequence of construction, temporary traffic control plans and constructability are related topics and significantly affect the quality of our plans. Broad issues of constructability and quality control are commented on; however they are not the focus of these guidelines. The purpose is to familiarize individuals with the technique and importance of preparing an adequate sequence of construction and temporary traffic control plans. Constructability issues concerning sequence of construction and temporary traffic control plans are covered. Reference material is located elsewhere in this section and in the Instructional and Informational Memoranda ([LD-IIM-241](#)). References listed at the end of these guidelines provide additional resources and the list of items to consider may serve as a checklist.

As related issues, the sequence of construction and temporary traffic control plans are included in one plan. The plan includes diagrams and appropriate notes to inform the contractor of when each operation is to be accomplished. The plan delineates traffic control procedures necessary prior to, during and following construction. The sequence is to be a guide with a step by step procedure from the beginning to the end of construction. It is important to provide the plan in a clear and easy to follow manner. Do not sacrifice plan clarity to reduce pages. The plan is necessary to insure that a project can be built as designed without undue difficulty and with minimum work orders. Developing a sequence of construction and temporary traffic control plans is an essential part of the overall project design and may affect the design of the facility itself. Design of the proposed improvements should be coordinated with the temporary traffic control plans. There may be acceptable design alternatives which would improve tie-ins to existing pavement and facilitate significantly smoother flowing sequence of construction and temporary traffic control plans.

A plan is necessary for complex projects when construction warrants a step by step explanation of the construction process. Such projects may have high traffic volumes, peak hour traffic backups, major cuts and fills, major drainage structures, bridges, or utility relocations requiring traffic detours or shifts. Begin planning in the very early stage of design and continue to solicit assistance throughout the design process to finalize the plan. Request input at Field Inspection and other appropriate meetings as necessary.

* Rev.1/09