

SECTION 2A - 4 - REQUESTING AND ASSEMBLING ADDITIONAL DATA

PRELIMINARY PLAN DEVELOPMENT

Preliminary Plan Development is intended to provide the basis for scoping, and the guiding document for the development of Field Inspection plans. It is essential that various alternatives be assessed in sufficient detail in order to preclude major modifications during the latter stages of project development.

The following outline is a guide in the development process to assure that adequate control is applied in the early stage of projects:

1. As early as possible, at the inception of a project, photographic coverage is essential. The location of the project determines the coverage required. Rural projects with sparse development and without extremes in topography and development can generally be addressed at a scale of 1" = 200' Imperial (1:2000 Metric). A scale of 1" = 100' Imperial (1:1000 Metric) is preferable, but may limit the band width when relocations or various new alignments are being considered.

Other projects in congested areas may require photography at a scale of 1"= 50' Imperial (1:500 Metric). It is the designer's responsibility to obtain photography at an appropriate scale (ratio).

2. If traffic data has not been secured, a request should be submitted at this time on Form [LD-104](#), including the date the information is needed.
3. From the photo coverage in step No. 1, a temporary plan base, either in the form of sheets or mosaics, is to be secured. The request should note that the material is to be used as temporary plan base, and photographic screening and/or dodging will be employed to produce a base on which line work will easily be visible.

Studies have shown that these plan bases provide a clearer drawing when the final version is completed. Other annotations can be made more legible by removing the image to provide a "clean" space for descriptions, etc.

4. Depending upon the complexity of the project, the use of title sheets, typical section sheets and other drawings may be used for quantities and details of traffic, intersections, etc. The base photo coverage can be placed on a sheet outline and a set of plans produced.