

ASSEMBLING ADDITIONAL AVAILABLE DATA

Quite often there is available data within the Department and other state agencies which proves valuable in determining the location and design of the project. Land use maps, tax maps, soil studies, etc., are available in many instances and should be included in the route file for future use. Transportation studies are available for cities and towns **over 3,500 population**, as well as for several other urban areas **under 3,500**, and should be used as a guide.

REQUEST FOR TRAFFIC DATA

Traffic data is requested on Form LD-104, except for low volume Local Roads and Rural Collectors with a Current ADT (Current ADT being defined as latest available traffic counts) less than 400 VPD. The designer is to check the appropriate blocks to obtain traffic data required for a particular situation. The design year and speed is to be indicated on the form when submitted by the designer. The design year traffic data being requested is to be based on **the criteria shown on Form LD-104.**

Normal traffic data requests on Form LD-104 will be required on Local Roads and Rural Collectors requiring a detailed traffic analysis, such as roads experiencing a higher than normal growth rate or for other reasons that would require some type of traffic forecast. Careful consideration must be given to environmentally sensitive locations which would require possible air or noise studies. Where schools, churches, historical structures, playgrounds, etc., are in close proximity to the proposed project, the District Environmentalist should be contacted to determine the extent of traffic analysis required.

REQUESTING PHOTOGRAPHIC COVERAGE/TOPOGRAPHIC MAPPING

On most new locations, it is desirable to request topographic mapping. A review of available data in most cases allows the Engineer to determine the approximate area to be mapped. In some instances it may be necessary to review the area to be mapped in the field. This area can then be shown accurately on a quadrangle sheet. After determining the area to be mapped, the ratio (scale) of mapping is to be determined. Most mapping is prepared at a **1:2400** ratio (1" = 200' scale); however, it is also available at other ratios (scales). When the proper ratio (scale) is determined, the **Project Manager** will advise the Photogrammetric Engineer who will proceed in the preparation of the mapping. Immediate action on requests for mapping may not always be possible as the flying time necessary for good aerial photography is limited.