

**ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
LITTLE ROCK, ARKANSAS**

JULY 16, 1990

TO: DIVISION HEADS: ROADWAY DESIGN, BRIDGE DESIGN, STATE AID,
SURVEYS AND CONSTRUCTION & MAINTENANCE
DISTRICT ENGINEERS AND RESIDENT ENGINEERS

SUBJECT: VERIFICATION OF SURVEY/PLAN DATA

On all projects involving widening or matching an existing pavement grade, and especially on projects for which the survey data was obtained by the use of aerial photography, it is extremely important that the survey/plan data be verified by the use of "on-ground" profiles or other means.

On projects for which the survey data was obtained by aerial mapping and on which the tie-ins or stage construction must match an existing paved surface, the following policies shall be followed:

- 1) Surveys Division shall provide an on-ground profile.
- 2) The appropriate design division shall verify that the on-ground profile is furnished and that it is within reasonable and allowable tolerances of the aerial survey data.
- 3) The Resident Engineer shall take sufficient on-ground profiles, cross-sections and other checks to be assured of the appropriateness of the planned typical sections.

On projects for which the survey data was obtained by means other than aerial mapping, it is still necessary that the Resident Engineer comply with the guidelines given in #3 above.

Charles E. Venable
Chief Engineers

cc: Director
Assistant Director
Assistant Chief Engineers
FHWA