

Design Standards Letter

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Effective Date: 09/11/1967

Section/Plan No.: None

Subject: Computer Computations Earthwork Yardage

Body

ALL DIVISION AND DISTRICT ENGINEERS AND CHIEF COUNSELS:

The computations of earthwork yardage for safety zones had the safety point connected to the edge of pavement in some fill sections, rather than at the shoulder point. The section data appears correct with the error in the yardage. The program has been corrected as of September 5, 1967, and jobs with safety zones should be rerun.

Two jobs were rerun and had an error of less than one percent of the total yardage. In the case of jobs already in the Main Office where a rerun shows a similar amount of error no changes need to be made as fill quantities are not a pay item.

District Three at Hannibal picked up the discrepancy and presented sufficient data to determine the trouble.

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Surveys and Plans