

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Inter-Departmental Memorandum

TO: Design Squad Leaders

DATE: April 11, 1996

FROM: Steven W. Reeves *SWR*
Quality Control Engineer

SUBJECT OR PROJECT NO: Squad Leader Meeting

INFORMATION COPY TO:

COUNTY:

John Pickering
Ray Balentine
Section Leaders
File

DETOUR ROADS:

Attached W1-9R

This sign may be used when the tangent section between reverse curves is less than 600 feet. Check with either Mr. James Tucker or Mr. Phil Hunt when you are designing the signing of detour roads. If used this sign needs to be detailed in plans.

Attached superelevation chart

This chart is to be used to determine speed on detour roads or other curves. Mr. Tucker or Mr. Hunt can answer any questions.

All detour roads are to be checked by Mr. Hunt or Mr. Tucker. They will need to know degree of curve, superelevation and curve data to determine signing.

When designing detour roads, be sure that they can be built as designed in the field. Check distances to insure proper superelevation and that the super does not require excess amounts of asphalt on the existing roadway. The superelevation should be noted on detours the same as it is noted on the main line.

QUANTITY CALCULATIONS

Starting in June of this year we wish to furnish the project engineer a copy of all quantity calculations. At this time we make all of our consultants furnish this to MDOT.

The squad will be required to keep its calculations like always. A copy of these calculations will be given to the Project Engineer. A few policies will have to be observed to insure that this can be done.

1. Legibility: If you can't follow your own work no one else will be able to.
2. Order: Keep calculations in same or as close to same order as in the Pay Item list.

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3. Index sheet: Provide indexsheet in order for Project Engineer to be able to search file.
4. Estimate quantity sheets: Recap sheets can be shown as quantity calculations.

PAY ITEM LIST

Sign Alternates will no longer be shown on Summary Sheets. The option method has been added to the Pay Item list. See page 14 of your list.

BOX CULVERTS

Use inside face to inside face to determine if culvert is to be a Box Bridge.

Use outside face to outside face to determine length along centerline.

Box Bridge length along centerline is only used in bridge length data on grading projects.

GREG LOWE PRESENTATION

New computer programs to determine concrete and reinforcement in box culverts and SS-2 inlets

If you have any questions, please advise.

SWR/swr

