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Inter-Departmental Memorandum

Date: March 14, 1996

To: Assistant Chief Engineer-PreConstruction
Mr. Richard Young

From: Roadway Design Division Engineer
Wendel T. Ruff

Subject: Steel Alternate for Roadway Signs

During our review some months back of the Roadway Design Standard Drawings for conversion to metrication, we were informed by the Traffic Engineering Division representative, Jim Hust, that steel signs were never selected as an alternate on a project; therefore, the committee decided not to metricize the 2 standard drawings detailing the sheet steel panels (Sheet No.'s 187 and 187.1).

The Hwy. #302 Project is a metric project and does not contain standards for steel signs; however, the pay item list does contain the standard alternates for aluminum and steel. Our thinking is that if a contractor does bid the steel alternate, we would provide the steel standards at that time. Based on Jim's comment though, this is highly unlikely to happen.

The Construction Division has questioned our decision on the #302 Project. They have said we must take out the alternates or put the standards in the plans. We feel that we must provide the alternate pay item list in the plans because of a directive to provide alternates for the two types of materials in all projects.

Roadway Design recommends the following:

- Hwy. #302 Project -- No metric standards for the steel alternate and keep in plans the pay item listing for the steel alternate. (No change of plans.)
- All Future Projects -- No metric standards for the steel alternate and no pay item listing for the steel alternate. The no pay item listing will require a new directive from the 10th floor. This is for English and metric projects.

We request your assistance regarding this matter, and if additional information is needed or if there are any questions, please advise.

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