The ability to design and build customer lighting kits by incorporating our existing lighting products and wiring harnesses is a unique feature that Betts Industries is happy to offer their customers. Several key steps need to be predetermined by the customer in order for our Sales Engineering Department to finalize designs.

If the lighting kit is for an existing unit and you are looking for replacement lighting and wiring, contact our Sales Engineering Department with the type of vehicle and original manufacturer. We may have an existing kit design available. If not, our engineers will walk you through the steps needed to get us the information to design your kit.

If the design is for a new vehicle or trailer, then please follow these steps prior to contacting our Sales Engineering Department:

1. Identify the type of lighting requirements you will need to comply with Federal DOT. This can be accomplished by reviewing the charts on Pages 86 & 87. Once the requirements are identified, note the various styles and types of lighting available in the catalog. Please note the mounting requirements for surface or recessed lamps to insure they will fit into the frame or channel you are utilizing.

2. When this is completed, please review the attached sketch. It numbers various lamps that may or may not be needed to meet DOT requirements. Identify which lamps you intend to use and the function of the lamp - - is it a stop and tail, a turn and tail, or a stop, turn and tail? If the lamp is in the middle of the trailer, is it a marker only or a marker and turn? Are work lights or back up lights required or needed?

3. The final step is to provide an estimated length of cables and plugs you will need between the lamps and the junction box. Once this has been accomplished, call our Sales Engineering Department for assistance and for any final information needed to complete your kit.