



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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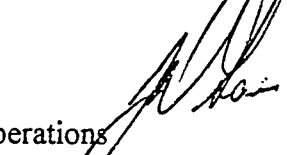
March 20, 2002

MEMORANDUM

To: Division Engineers

From: J. D. Goins, PE
Chief Engineer – Operations

T. A. Peoples, PE
State Traffic Engineer



Subject: Conversion to Type 2070L Technology

The Department has a goal to adopt 2070L technologies as the statewide standard for traffic signal controllers used on the State Highway System. Adoption of 2070L technologies will help ensure interchangeability of equipment between different vendors and will ultimately provide field personnel with a common statewide equipment platform for traffic signal controllers and cabinets. In pursuit of this goal, we are currently in negotiation with a vendor to provide 2070L software with a statewide license for a period of 10 years. Upon successful completion of the negotiations, the vendor will have 60 days to furnish local controller, master and central monitoring software with licenses to the Department. The target date for receiving this software is June 2002.

Current design practices consider NEMA components to be the standard for traffic signal equipment. Effective **September 1, 2002**, all traffic signal designs, except TIP project designs, will be prepared with the 2070L technology. For TIP projects, this practice will take effect for the **October 2002** letting. The Department will provide the software for all 2070L closed loop systems and isolated signal installations. Please note that there will be instances where the use of NEMA or Type 170 equipment will be required for a particular situation.

If additional information is needed, please contact Mr. Greg Fuller, PE, at (919) 733-3915.

cc: L. A. Sanderson, PE
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Division Operations Engineers
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