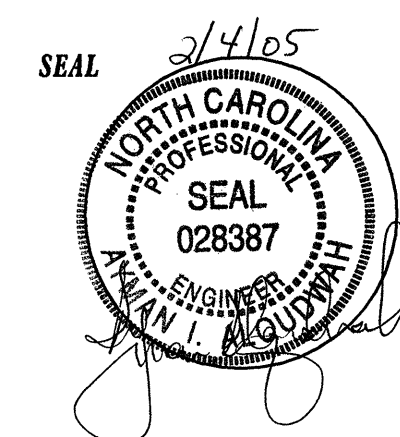


## NOTES

- NAMEPLATE SHALL READ (1) "MAIN", (2) "LIGHTS", (3) "CONTROL".
- CAULK ALL ENDS OF CONDUIT UNDERGROUND WITH A CAULKING COMPOUND APPROVED BY THE ENGINEER.
- LABEL THREE POSITION SELECTOR SWITCH "MANUAL", "OFF", AND "AUTO".
- STRAPS SHALL BE STAINLESS STEEL MATERIAL UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL VERIFY THE LENGTH OF UNDERGROUND RUN ("H" DISTANCE ) AND RE CALCULATE WIRE SIZE (UF WIRE) ACCORDING TO THE NEC (NOT MORE THAN 3% VOLTAGE DROP) FOR EACH OVERHEAD LIGHTING SYSTEM. THESE MEASUREMENTS AND WIRE SIZES SHALL BE SUBMITTED WITH THE CATALOG CUTS FOR APPROVAL.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL LIGHTING SYSTEM FOR ALL SIGNS, INCLUDING FUTURE SIGNS.
- ALL UNDERGROUND DUCT SHALL BE INSTALLED BY THE CONTRACTOR USING MINIMUM 50MM DIAMETER RIDGED GALVANIZED STEEL OR RIDGED PVC HEAVY WALL CONDUIT.
- TEST SYSTEM GROUNDING USING AN APPROVED METHOD. SYSTEM SHOULD MEASURE LESS THAN TWENTY (20) OHMS.
- ALL ASSEMBLIES AND COMPONENTS SHALL BE UL APPROVED. INSTALLATION SHALL MEET NEC REQUIREMENTS AND ALL APPLICABLE LOCAL AND STATE CODES.
- THE CONTRACTOR SHALL BE REQUIRED TO FURNISH ONLY THE APPROPRIATE NUMBER OF BREAKERS AND WIRE THAT IS REQUIRED IN ACCORDANCE WITH THE NUMBER OF CIRCUITS LISTED FOR A GIVEN LIGHTING SYSTEM.

The following Overhead Assemblies will use this lighting system:

Overhead Assembly A	Overhead Assembly L
Overhead Assembly C	Overhead Assembly M
Overhead Assembly D	Overhead Assembly O
Overhead Assembly E	Overhead Assembly AA
Overhead Assembly F	Overhead Assembly AB
Overhead Assembly G	
Overhead Assembly H	
Overhead Assembly I	
Overhead Assembly J	
Overhead Assembly K	



### LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLIES WITH LUMITRAK ( SHEET 2 OF 2 )

SCALE	NONE	N. C. DEPARTMENT OF TRANSPORTATION	REVISIONS
DATE	01-25-05	DIVISION OF HIGHWAYS	
SIGNING TECHNICIAN		TRAFFIC ENGINEERING BRANCH	
SIGNING ELECTRICAL ENG	M. HOYIOUS		
SIGNING PROJECT ENG	A. ALQUDWAH		