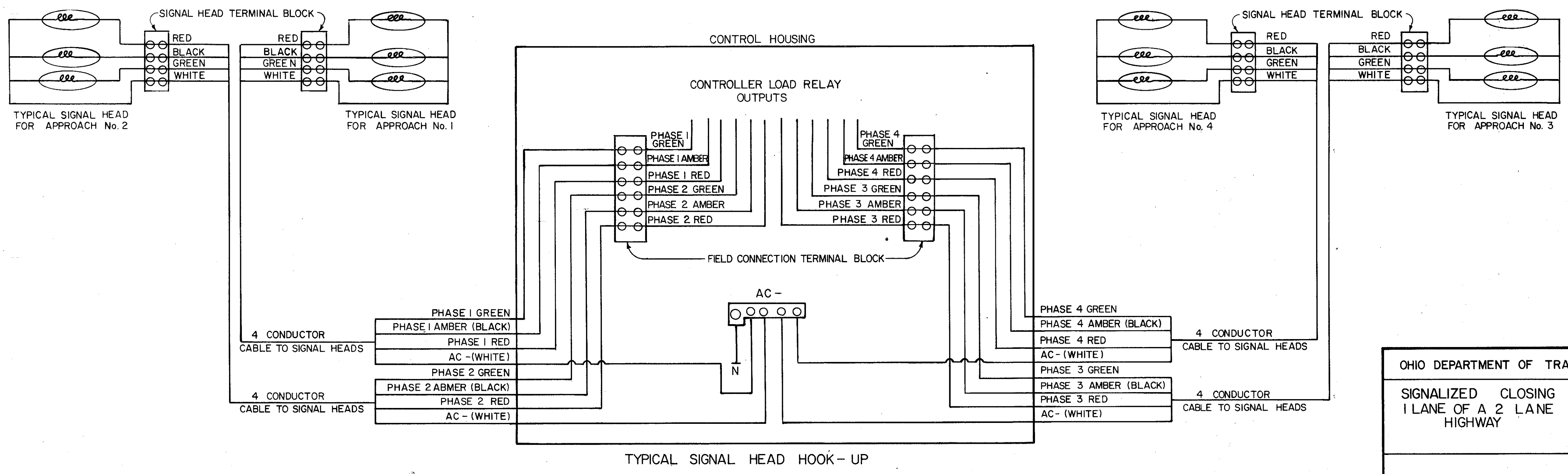


1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE 24-HOUR PER DAY MAINTENANCE OF THE ONE LANE ROAD TRAFFIC SIGNALS. THE CONTRACTOR SHALL CORRECT ALL OUTAGES OR MALFUNCTIONS AS QUICKLY AS POSSIBLE. THE DAY AND NIGHT TELEPHONE NUMBERS OF THE CONTRACTOR'S SIGNAL MAINTENANCE ORGANIZATION MUST BE SUPPLIED TO THE LOCAL POLICE AGENCIES AND ODOT. THE ELAPSED TIME BETWEEN THE SIGNAL PROBLEM CALL AND SERVICEMAN'S ARRIVAL AT THE PROJECT SITE SHALL NOT EXCEED 60 MINUTES. SIGNAL INSTALLATION AND MAINTENANCE SHALL BE PERFORMED ONLY BY A QUALIFIED SIGNAL MAINTENANCE ORGANIZATION.
2. SIGNAL AND CLOSURE INSTALLATIONS SHALL BE MADE DURING DAYLIGHT ON MONDAY THROUGH THURSDAY. FRIDAYS, SATURDAYS AND SUNDAYS SHOULD BE AVOIDED.
3. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE A SEPARATE POWER SERVICE CONNECTION POINT TO THE LOCAL POWER COMPANY TO PROVIDE ELECTRIC POWER TO HIS CONSTRUCTION SIGNAL.
4. SIGNAL WIRING OTHER THAN OVERHEAD AND UNDERGROUND MUST BE APPROVED BY THE PROJECT ENGINEER. THE ALTERNATIVE WIRING MUST BE PROTECTED BY CONDUIT COUPLED TOGETHER OR BY DUCT. ALL SPLICES SHALL BE MADE BY APPROVED SPLICE KITS INSTALLED IN PULL BOXES OR APPROVED ENCLOSURES.
5. IF GEOMETRICS AND/OR PHYSICAL OBSTRUCTIONS CREATE UNEXPECTED HAZARDS FOR THE MOTORISTS IN RESPONDING TO THE SIGNALS, THE LOCATION OF THE SIGNALS SHALL BE IMMEDIATELY ADJUSTED TO PROVIDE OPTIMUM SIGHT DISTANCE. (TO BE DONE BY THE CONTRACTOR)
6. CONTRACTOR MUST SUBMIT A SIGNAL PHASING DIAGRAM AND TIMING CHART ONE WEEK PRIOR TO SIGNAL OPERATIONS FOR APPROVAL BY THE PROJECT ENGINEER.
7. WHEN SIGNALS ARE NOT IN USE, THEY MUST BE REMOVED OR BAGGED.

CABLE SHALL BE RUN INTO SIGNAL HEAD AND CONNECTIONS ARE TO BE MADE AT TERMINAL BLOCK. WHEN TWO 4-CONDUCTOR CABLES ARE USED AT FIRST HEAD FROM CONTROLLER BOTH CABLES SHALL BE CONNECTED AT TERMINAL BLOCK IN HEAD.

CABLE SHALL BE 4-CONDUCTOR No.14 COPPER SIGNAL CABLE, COLOR CODED AND STRANDED. ALL ELECTRICAL CONNECTION TO BE MADE AT TERMINAL BLOCK USING TERMINAL LOCK FORKS. SPLICES IN SIGNAL CABLE SHOULD BE AVOIDED BUT IF NECESSARY SPLICE KITS SHALL BE USED. ALL CONNECTIONS AT SPLICE POINTS SHALL BE SOLDERED.



OHIO DEPARTMENT OF TRANSPORTATION	
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