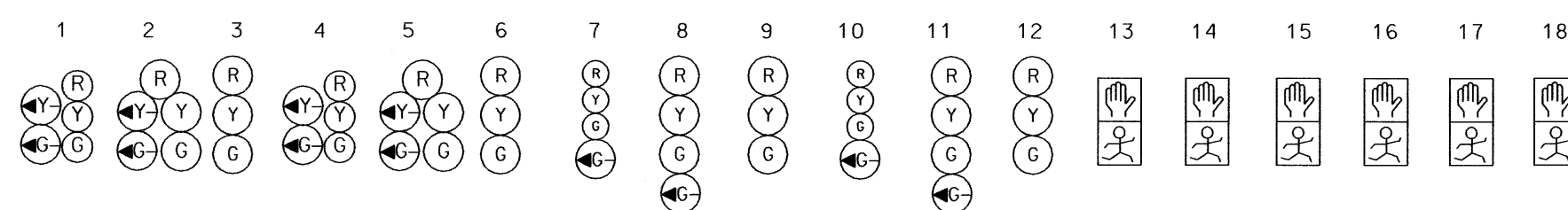


PHASE CHART

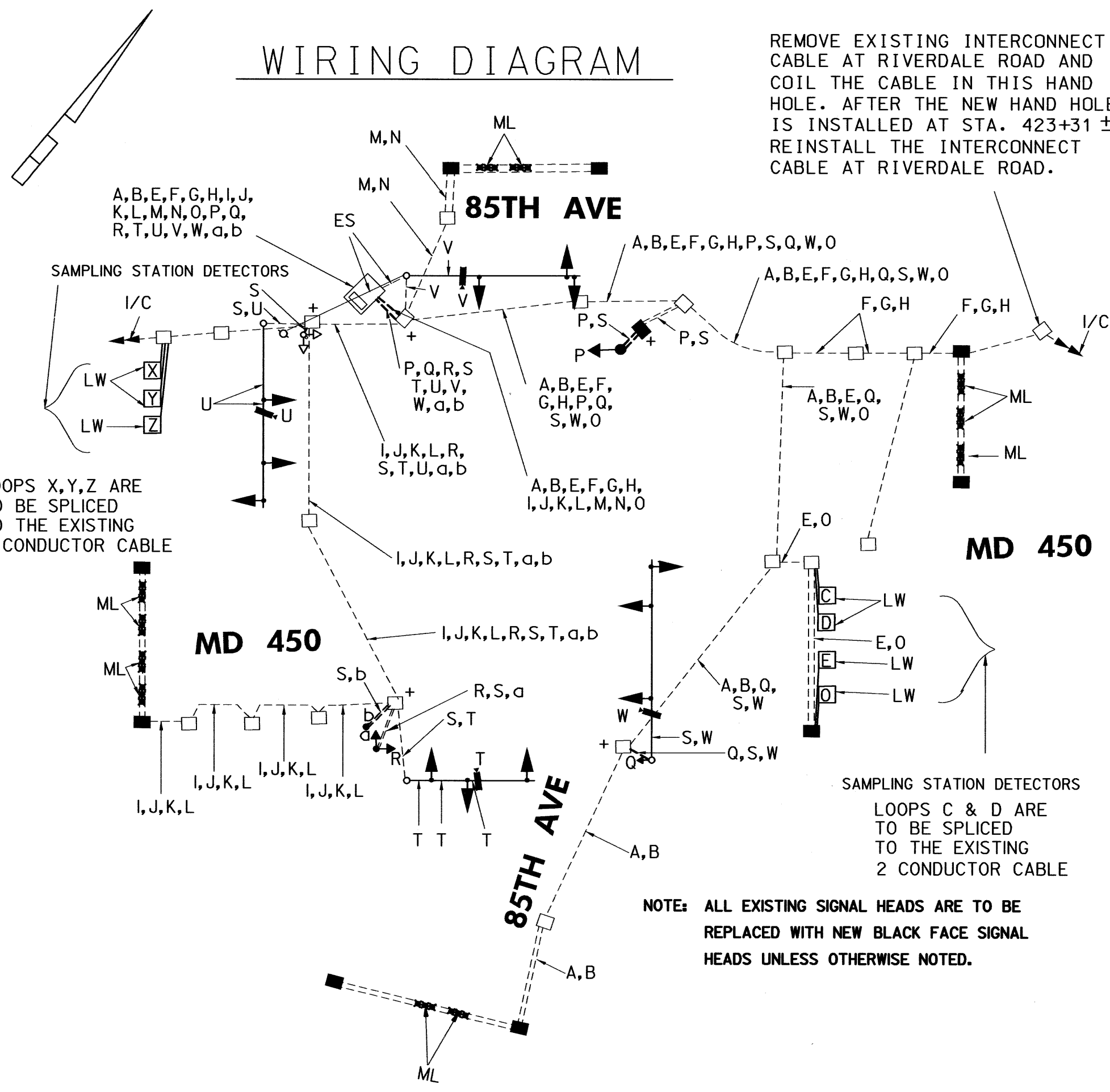


EQUIPMENT LIST "B"

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR:

Table with columns: SPEC. SECTION., CATEGORY CODE NO., QUANTITY, DESCRIPTION. Lists items such as maintenance of traffic, test pit excavation, pavement markings, concrete for signal foundation, electrical conduits, micro-loop probe sets, and ground wires.

WIRING DIAGRAM



REMOVE EXISTING INTERCONNECT CABLE AT RIVERDALE ROAD AND COIL THE CABLE IN THIS HAND HOLE. AFTER THE NEW HAND HOLE IS INSTALLED AT STA. 423+31 ± REINSTALL THE INTERCONNECT CABLE AT RIVERDALE ROAD.

PROJECT DESCRIPTION

GENERAL
THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT MD 450 AND 85TH AVENUE IN PRINCE GEORGE'S COUNTY. MD 450 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION.

INTERSECTION OPERATION

PRESENTLY, THE INTERSECTION OPERATES IN A NEMA SIX (6) PHASE FULL-TRAFFIC-ACTUATED MODE. THERE ARE EXCLUSIVE PERMISSIVE LEFT TURNS FOR BOTH EASTBOUND AND WESTBOUND MD 450. THE MD 450 THROUGH MOVEMENTS OPERATE CONCURRENTLY. THE 85TH AVENUE APPROACHES OPERATE AS A SIDE STREET SPLIT. THERE IS AN EXISTING NON-ACTUATED PEDESTRIAN CROSSING AT THE NORTH LEG OF THE INTERSECTION AND ACTUATED PEDESTRIAN CROSSING AT THE WEST LEG OF THE INTERSECTION. A NEW NON-ACTUATED PEDESTRIAN CROSSING WILL BE PROVIDED FOR THE SOUTH LEG OF THE INTERSECTION.

THE INTERSECTION IS TO BE MODIFIED TO A NEMA SIX (6) PHASE FULL-TRAFFIC-ACTUATED MODE. AUTOSCOPE WILL BE PROVIDED FOR ALL APPROACHES. THERE WILL BE PEDESTRIAN CROSSINGS PROVIDED FOR THE SOUTH LEG OF THE INTERSECTION.

THE EXISTING CONTROLLER AND LOOP DETECTOR AMPLIFIERS WILL BE UTILIZED.

PROJECT CONTACTS

Contact list for District #3. Includes MR. MAJID SHAKIB (Assistant District Engineer - Traffic), MR. AUGIE REBISH (Utility Engineer), MR. EUGENE BAILEY (Team Leader Sign Operations), MR. RALEIGH MEDLEY (Assistant District Engineering - Maintenance), MR. RICHARD L. DAFF (Chief, Traffic Operations Division), MR. ROBERT SNYDER (Assistant Division Chief - Traffic Operations), MR. ED RODENHIZER (Team Leader Signal Operations), MR. DAVE SCHWARTZ (Supply Officer IV (Signal Shop Warehouse)).

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY SHA

Table with columns: SPEC. SECTION., CATEGORY CODE NO., QUANTITY, DESCRIPTION. Lists video interface equipment and sheet aluminum signs (directional arrows, pedestrian crossings).

* TO BE INSTALLED BY SHA SIGNAL SHOP

EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7941 CONNELLY DRIVE, HANOVER, MARYLAND 21076.

NOTE: 1. ALL EQUIPMENT TO BE REMOVED AND NOT LISTED ABOVE SHALL BECOME THE PROPERTY OF THE CONTRACTOR

WIRING KEY

Wiring key table defining symbols: A,B,F,G,H,I,J,K,L (Micro-loop probe set with 1,000' lead in), C,D,M,N (Micro-loop probe set with 500' lead in), P,Q,R,a (3-conductor electrical cable), S (Stranded bare copper ground wire), T,U,V (250' cable for camera), W (500' cable for camera), b (2-conductor electrical cable), E,O (2-conductor electrical cable), ML (Micro-loop probe set), ES (Existing overhead electrical service), + (3/4 inch x 10 ft. ground rod), LW (Loop wire).

HR HURST-ROSCH ENGINEERS, INC. logo and contact information.

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION MD 450 AND 85th AVENUE NEW CARROLLTON, MARYLAND. Includes drawing and check information.

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