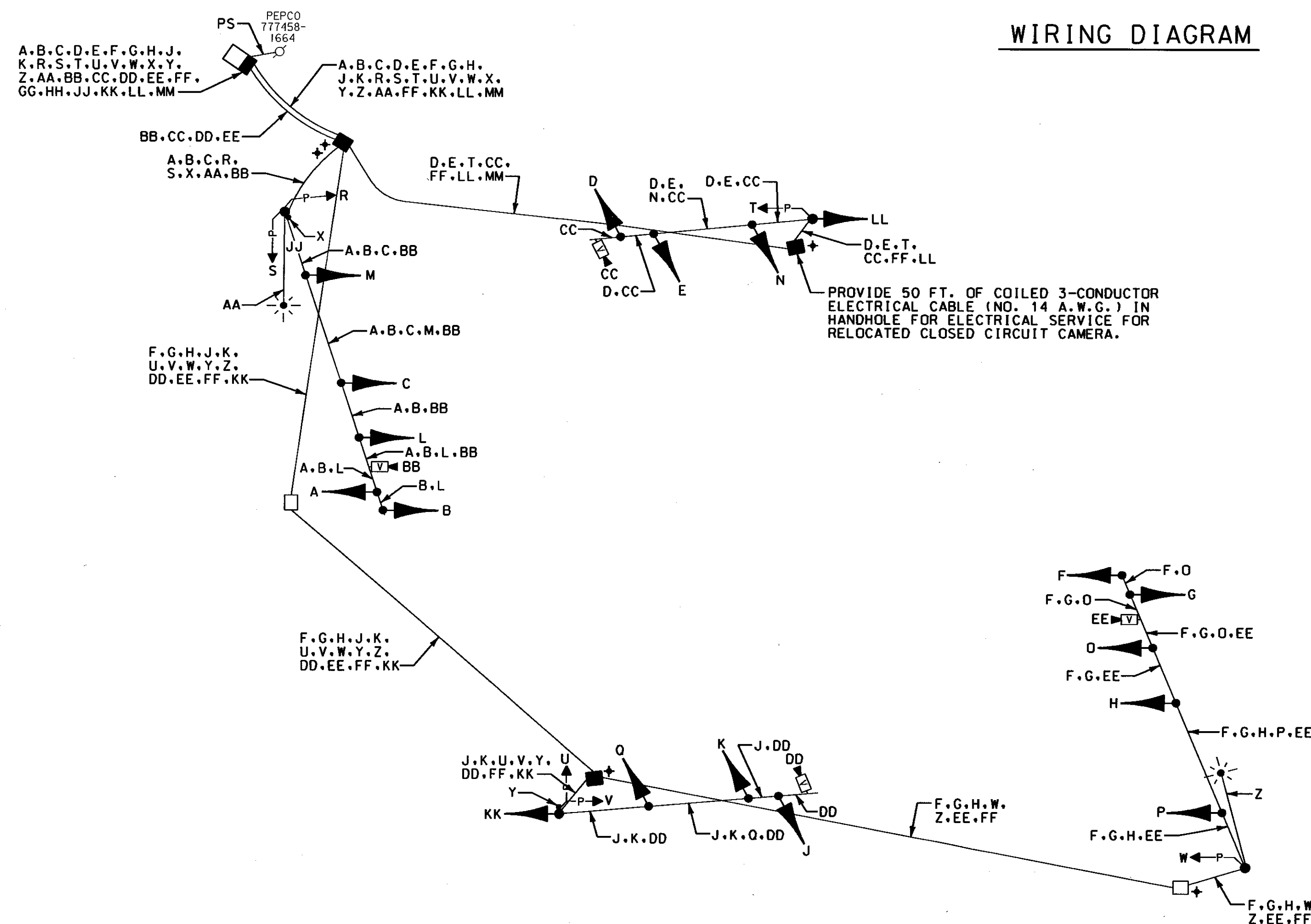


# PHASE CHART

|                    | 1                                                                 | 2    | 3     | 4     | 5    | 6    | 7     | 8    | 9     | 10    | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19    | 20    | 21    | 22    | 23    | 24    |  |
|--------------------|-------------------------------------------------------------------|------|-------|-------|------|------|-------|------|-------|-------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|--|
| PHASE 1 + 5        | ←G                                                                | R    | ←G    | ←G    | R    | R    | ←G    | R    | ←G    | ←G    | R    | R    | R    | R    | R    | R    | R    | R    | DW    | DW    | DW    | DW    | DW    | DW    |  |
| 1 + 5 CHANGE       | PHASE 1 + 5 MAY CHANGE TO PHASE 1 + 6, PHASE 2 + 5 OR PHASE 2 + 6 |      |       |       |      |      |       |      |       |       |      |      |      |      |      |      |      |      |       |       |       |       |       |       |  |
| PHASE 1 + 6        | ←G                                                                | G    | ←G    | ←G    | G    | G    | ←R    | R    | ←R    | ←R    | R    | R    | R    | R    | R    | R    | R    | R    | DW    | WK    | WK    | DW    | DW    | DW    |  |
| 1 + 6 CHANGE       | ←Y                                                                | G    | ←Y    | ←Y    | G    | G    | ←R    | R    | ←R    | ←R    | R    | R    | R    | R    | R    | R    | R    | R    | DW    | WK    | WK    | DW    | DW    | DW    |  |
| PHASE 2 + 5        | ←R                                                                | R    | ←R    | ←R    | R    | R    | ←G    | G    | ←G    | ←G    | G    | G    | R    | R    | R    | R    | R    | R    | WK    | DW    | DW    | WK    | DW    | DW    |  |
| 2 + 5 CHANGE       | ←R                                                                | R    | ←R    | ←R    | R    | R    | ←Y    | G    | ←Y    | ←Y    | G    | G    | R    | R    | R    | R    | R    | R    | WK    | DW    | DW    | WK    | DW    | DW    |  |
| PHASE 2 + 6        | ←R                                                                | G    | ←R    | ←R    | G    | G    | ←R    | G    | ←R    | ←R    | G    | G    | R    | R    | R    | R    | R    | R    | WK    | WK    | WK    | WK    | DW    | DW    |  |
| PED CLEARANCE      | ←R                                                                | G    | ←R    | ←R    | G    | G    | ←R    | G    | ←R    | ←R    | G    | G    | R    | R    | R    | R    | R    | R    | FL/DW | FL/DW | FL/DW | FL/DW | DW    | DW    |  |
| 2 + 6 CHANGE       | ←R                                                                | Y    | ←R    | ←R    | Y    | Y    | ←R    | Y    | ←R    | ←R    | Y    | Y    | R    | R    | R    | R    | R    | R    | DW    | DW    | DW    | DW    | DW    | DW    |  |
| PHASE 3 + 7        | ←R                                                                | R    | ←R    | ←R    | R    | R    | ←R    | R    | ←R    | ←R    | R    | R    | ←G   | ←G   | R    | ←G   | ←G   | R    | DW    | DW    | DW    | DW    | DW    | DW    |  |
| 3 + 7 CHANGE       | PHASE 3 + 7 MAY CHANGE TO PHASE 3 + 8, PHASE 4 + 7 OR PHASE 4 + 8 |      |       |       |      |      |       |      |       |       |      |      |      |      |      |      |      |      |       |       |       |       |       |       |  |
| PHASE 3 + 8        | ←R                                                                | R    | ←R    | ←R    | R    | R    | ←R    | R    | ←R    | ←R    | R    | R    | R    | R    | R    | ←G   | ←G   | G    | DW    | DW    | DW    | DW    | DW    | DW    |  |
| 3 + 8 CHANGE       | ←R                                                                | R    | ←R    | ←R    | R    | R    | ←R    | R    | ←R    | ←R    | R    | R    | R    | R    | R    | ←G   | ←G   | G    | DW    | DW    | DW    | DW    | DW    | DW    |  |
| PHASE 4 + 7        | ←R                                                                | R    | ←R    | ←R    | R    | R    | ←R    | R    | ←R    | ←R    | R    | R    | ←G   | ←G   | G    | R    | R    | R    | DW    | DW    | DW    | DW    | DW    | DW    |  |
| 4 + 7 CHANGE       | ←R                                                                | R    | ←R    | ←R    | R    | R    | ←R    | R    | ←R    | ←R    | R    | R    | ←Y   | ←Y   | G    | R    | R    | R    | DW    | DW    | DW    | DW    | DW    | DW    |  |
| PHASE 4 + 8        | ←R                                                                | R    | ←R    | ←R    | R    | R    | ←R    | R    | ←R    | ←R    | R    | R    | G    | G    | G    | G    | G    | G    | DW    | DW    | DW    | DW    | DW    | DW    |  |
| 4 + 8 CHANGE       | ←R                                                                | R    | ←R    | ←R    | R    | R    | ←R    | R    | ←R    | ←R    | R    | R    | Y    | Y    | Y    | Y    | Y    | Y    | DW    | DW    | DW    | DW    | DW    | DW    |  |
| PHASE 4 + 8 ALT    | ←R                                                                | R    | ←R    | ←R    | R    | R    | ←R    | R    | ←R    | ←R    | R    | R    | G    | G    | G    | G    | G    | G    | DW    | DW    | DW    | DW    | WK    | WK    |  |
| PED CLEARANCE      | ←R                                                                | R    | ←R    | ←R    | R    | R    | ←R    | R    | ←R    | ←R    | R    | R    | G    | G    | G    | G    | G    | G    | DW    | DW    | DW    | DW    | FL/DW | FL/DW |  |
| 4 + 8 ALT CHANGE   | ←R                                                                | R    | ←R    | ←R    | R    | R    | ←R    | R    | ←R    | ←R    | R    | R    | Y    | Y    | Y    | Y    | Y    | Y    | DW    | DW    | DW    | DW    | DW    | DW    |  |
| FLASHING OPERATION | ←FL/R                                                             | FL/Y | ←FL/R | ←FL/R | FL/Y | FL/Y | ←FL/R | FL/Y | ←FL/R | ←FL/R | FL/Y | FL/Y | FL/R | FL/R | FL/R | FL/R | FL/R | FL/R | DARK  | DARK  | DARK  | DARK  | DARK  | DARK  |  |

# WIRING DIAGRAM



## WIRING KEY

|                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A<br>B<br>C<br>D<br>E<br>F<br>G<br>H<br>I<br>J<br>K<br>L<br>M<br>N<br>O<br>P<br>Q<br>R<br>S<br>T<br>U<br>V<br>W<br>X<br>Y<br>Z<br>AA<br>BB<br>CC<br>DD<br>EE<br>FF<br>GG<br>HH<br>JJ<br>KK<br>LL<br>MM | <p>7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)</p> <p>5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)</p> <p>3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)</p> <p>3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.) (CABLE TO BE USED FOR ELECTRICAL SERVICE TO RELOCATED CLOSED CIRCUIT CAMERA)</p> | <p>2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)</p> <p>2-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.)</p> <p>VIDEO DETECTION CAMERA CABLES</p> <p>STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)</p> <p>1-CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)</p> <p>ML - MICROLOOP PROBE SET</p> <p>PS - PROPOSED UNDERGROUND ELECTRICAL SERVICE</p> <p>3/4 IN. X 10 FT. GROUND ROD</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

TSP-3



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
 Office of Traffic & Safety  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 TRAFFIC SIGNALIZATION PLAN  
 MD 97 (GEORGIA AVE.) AND BEL PRE ROAD



Whitman, Reardon  
 and Associates, LLP  
 2315 Saint Paul Street  
 Baltimore, Maryland 21218  
 (410) 235-3450

|                    |                           |                   |                    |
|--------------------|---------------------------|-------------------|--------------------|
| DRAWN BY: S.BLOSS  | F.A.P. NO. SEE TIRE SHEET | TS NO. TS-3337B   | SHEET NO. 17 OF 24 |
| CHECKED BY: NLEARY | S.H.A. NO. MD 8225171     | T.I.M.S. NO. 0728 |                    |
| SCALE: 1" = 20'    | COUNTY: MONTGOMERY        |                   |                    |
| DATE: 1/20/01      | LOG MILE:                 |                   |                    |