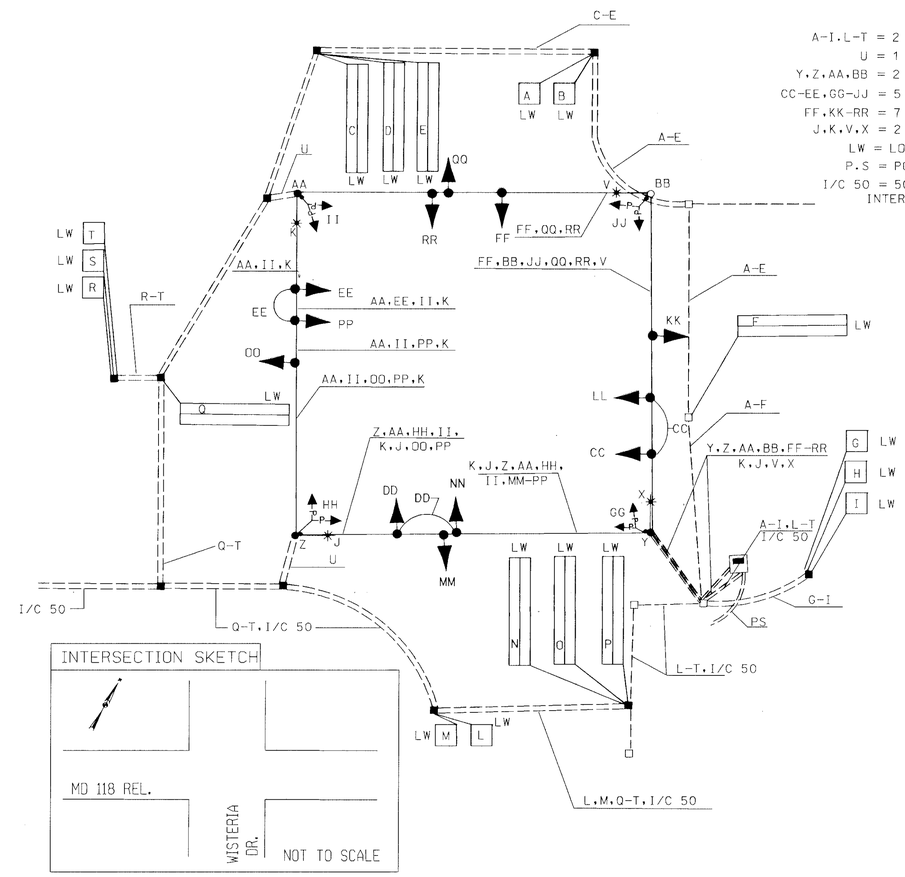
| F.H.W.A. REGION NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| | MD | | | |

## PHASE SEQUENCE CHART

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PHASES 1 & 5 | R ◄G- | R ◄G- | R | R ◄G- | R ◄G- | R | R | R | R -G► | R | R | R | DW | DW | DW | DW | DW | DW | DW | DW |
| 1 & 5 CHANGE | CHANGE TO PHASE 1 & 6, 2 & 5, OR 2&6 | | | | | | | | | | | | | | | | | | | |
| PHASES 1 & 6 | ◄G- | G ◄G- | G | R | R | R | R | R | R | R | R | R | DW | WK | WK | DW | DW | DW | DW | DW |
| 1 CHANGE | ◄Y- | G ◄Y- | G | R | R | R | R | R | R | R | R | R | DW | WK | WK | DW | DW | DW | DW | DW |
| PHASES 2 & 5 | R | R | R | ◄G- | G ◄G- | G | R | R | R -G► | R | R | R | WK | DW | DW | WK | DW | DW | DW | DW |
| 5 CHANGE | R | R | R | G ◄Y- | G ◄Y- | G | R | R | R -Y► | R | R | R | WK | DW | DW | WK | DW | DW | DW | DW |
| PHASES 2 & 6 | G | G | G | G | G | G | R | R | R | R | R | R | WK | WK | WK | WK | DW | DW | DW | DW |
| PED CLEAR | G | G | G | G | G | G | R | R | R | R | R | R | FL/DW | FL/DW | FL/DW | FL/DW | DW | DW | DW | DW |
| 2 & 6 CHANGE | Y | Y | Y | Y | Y | Y | R | R | R | R | R | R | DW | DW | DW | DW | DW | DW | DW | DW |
| PHASES 4 & 8 | R | R | R | R | R | R | G | G | G | G | G | G | DW | DW | DW | DW | DW | DW | DW | DW |
| 4 & 8 CHANGE | R | R | R | R | R | R | Y | Y | Y | Y | Y | Y | DW | DW | DW | DW | DW | DW | DW | DW |
| PHASES 4 & 8 ALT | R | R | R | R | R | R | G | G | G | G | G | G | DW | DW | DW | DW | WK | WK | WK | WK |
| PED. CLEAR | R | R | R | R | R | R | G | G | G | G | G | G | DW | DW | DW | DW | FL/DW | FL/DW | FL/DW | FL/DW |
| 4 & 8 ALT. CHANGE | R | R | R | R | R | R | Y | Y | Y | Y | Y | Y | DW | DW | DW | DW | DW | DW | DW | DW |
| FLASHING OPERATION | FL/Y | FL/Y | FL/Y | FL/Y | FL/Y | FL/Y | FL/R | FL/R | FL/R | FL/R | FL/R | FL/R | DARK | DARK | DARK | DARK | DARK | DARK | DARK | DARK |

## WIRING DIAGRAM




### WIRING KEY

A-I.L-T = 2 CONDUCTOR (AL. SHIELDED)
U = 1 CONDUCTOR (NO. 6 AWG) BARE COPPER WIRE
Y.Z.AA.BB = 2 CONDUCTOR (NO. 14 AWG)
CC-EE.GG-JJ = 5 CONDUCTOR (NO. 14 AWG)
FF.KK-RR = 7 CONDUCTOR (NO. 14 AWG)
J.K.V.X = 2 CONDUCTOR TRAY CABLE (NO. 12 AWG)
LW = LOOP WIRE (NO. 14 AWG)
P.S = POWER SERVICE (NO. 4 AWG)
I/C 50 = 50 PAIR (NO. 19 AWG) INTERCONNECT CABLE

### INTERSECTION SKETCH




### UTILITY LEGEND

| | |
|---|---|
| —— G —— G —— | GAS MAIN |
| —— W —— W —— | WATER MAIN |
| —— S —— S —— | SEWER MAIN |
| —— E —— E —— | ELECTRIC CABLES |
| —— A —— A —— | AERIAL CABLES |
| —— T —— T —— | TELEPHONE CABLES |

REVISION 'A'

CONSULTING ENGINEERS
COLUMBIA, MARYLAND

REVISIONS

10/13/95
(A) TOTAL REBUILD ADD SOUTH LEG OF MD 118 REL., M 969-452-371
RJM

APPROVALS

ORIGINAL ON FILE

CHIEF, SIGNAL DESIGN SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**
Office of Traffic & Safety
**TRAFFIC ENGINEERING DESIGN DIVISION**

ORIGINAL DRAWN BY
DES. BY
CHK. BY

# MD 118 REL AT WISTERIA DR
GENERAL INFORMATION SHEET 2 OF 2

LOG MILE #
COUNTY: MONTGOMERY

DATE: 10/95
SCALE: NTS
F.A.P. NO.
S.H.A. NO. M 969-452-371

TS/FILE NO. 2002A-GI

SHEET NO. ___ OF ___

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