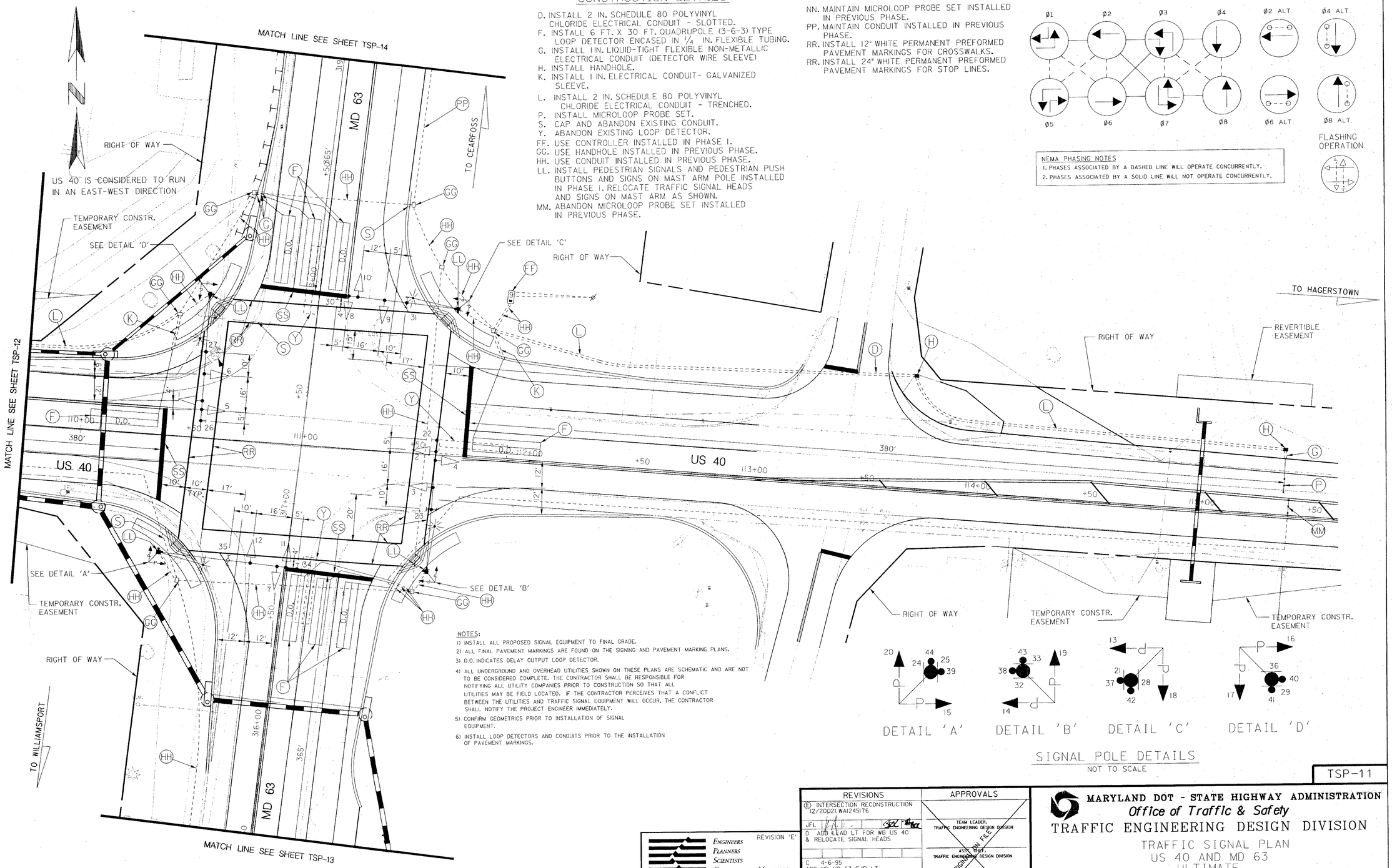


## CONSTRUCTION DETAILS

D. INSTALL 2 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT - SLOTTED.
F. INSTALL 6 FT. X 30 FT. QUADRUPOLE (3-6-3) TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
G. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE)
H. INSTALL HANDHOLE.
K. INSTALL 1 IN. ELECTRICAL CONDUIT- GALVANIZED SLEEVE.
L. INSTALL 2 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.
P. INSTALL MICROLOOP PROBE SET.
S. CAP AND ABANDON EXISTING CONDUIT.
Y. ABANDON EXISTING LOOP DETECTOR.
FF. USE CONTROLLER INSTALLED IN PHASE 1.
GG. USE HANDHOLE INSTALLED IN PREVIOUS PHASE.
HH. USE CONDUIT INSTALLED IN PREVIOUS PHASE.
LL. INSTALL PEDESTRIAN SIGNALS AND PEDESTRIAN PUSH BUTTONS AND SIGNS ON MAST ARM POLE INSTALLED IN PHASE 1. RELOCATE TRAFFIC SIGNAL HEADS AND SIGNS ON MAST ARM AS SHOWN.
MM. ABANDON MICROLOOP PROBE SET INSTALLED IN PREVIOUS PHASE.
NN. MAINTAIN MICROLOOP PROBE SET INSTALLED IN PREVIOUS PHASE.
PP. MAINTAIN CONDUIT INSTALLED IN PREVIOUS PHASE.
RR. INSTALL 12" WHITE PERMANENT PREFORMED PAVEMENT MARKINGS FOR CROSSWALKS.
RR. INSTALL 24" WHITE PERMANENT PREFORMED PAVEMENT MARKINGS FOR STOP LINES.

## NEMA PHASING




NEMA PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

NOTES:
1) INSTALL ALL PROPOSED SIGNAL EQUIPMENT TO FINAL GRADE.
2) ALL FINAL PAVEMENT MARKINGS ARE FOUND ON THE SIGNING AND PAVEMENT MARKING PLANS.
3) D.O. INDICATES DELAY OUTPUT LOOP DETECTOR.
4) ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE FIELD LOCATED. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY.
5) CONFIRM GEOMETRICS PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT.
6) INSTALL LOOP DETECTORS AND CONDUITS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.

SIGNAL POLE DETAILS
NOT TO SCALE

TSP-11

KCI TECHNOLOGIES
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21030-1888
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REVISION 'E'

| REVISIONS | APPROVALS |
|---|---|
| (E) INTERSECTION RECONSTRUCTION (2/20/02) WAI245176 | TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION |
| JFL D ADD LEAD LT FOR WB US 40 & RELOCATE SIGNAL HEADS | ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| C 4-6-95 ADD NB MD 63 E/P LT | CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| B NOVEMBER 1, 1990 INSTALL NEW LOOP DETECTORS FOR SB AND EB APPROACHES | DIRECTOR, TRAFFIC & SAFETY |

ORIGINAL ON FILE

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

TRAFFIC SIGNAL PLAN
US 40 AND MD 63
ULTIMATE

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY: B.T./J.G. | F.A.P. NO. N/A | TS NO. 1199E- PI | SHEET NO. |
| CHECKED BY: A.B. | S.H.A. NO. W-657-501-685 | | |
| SCALE: 1" = 20' | COUNTY: WASHINGTON | T.I.M.S. NO. E486 | |
| DATE: 2/07/77 | LOG MILE: *2100401 4.54 | | 74 OF 102 |

PLOTTED: 01:08 PM on Thursday, January 03, 2002
BY: Rick Briggs Division: Transportation
FILE: m:\1998\01981175\Drawings\tp21us40.dgn