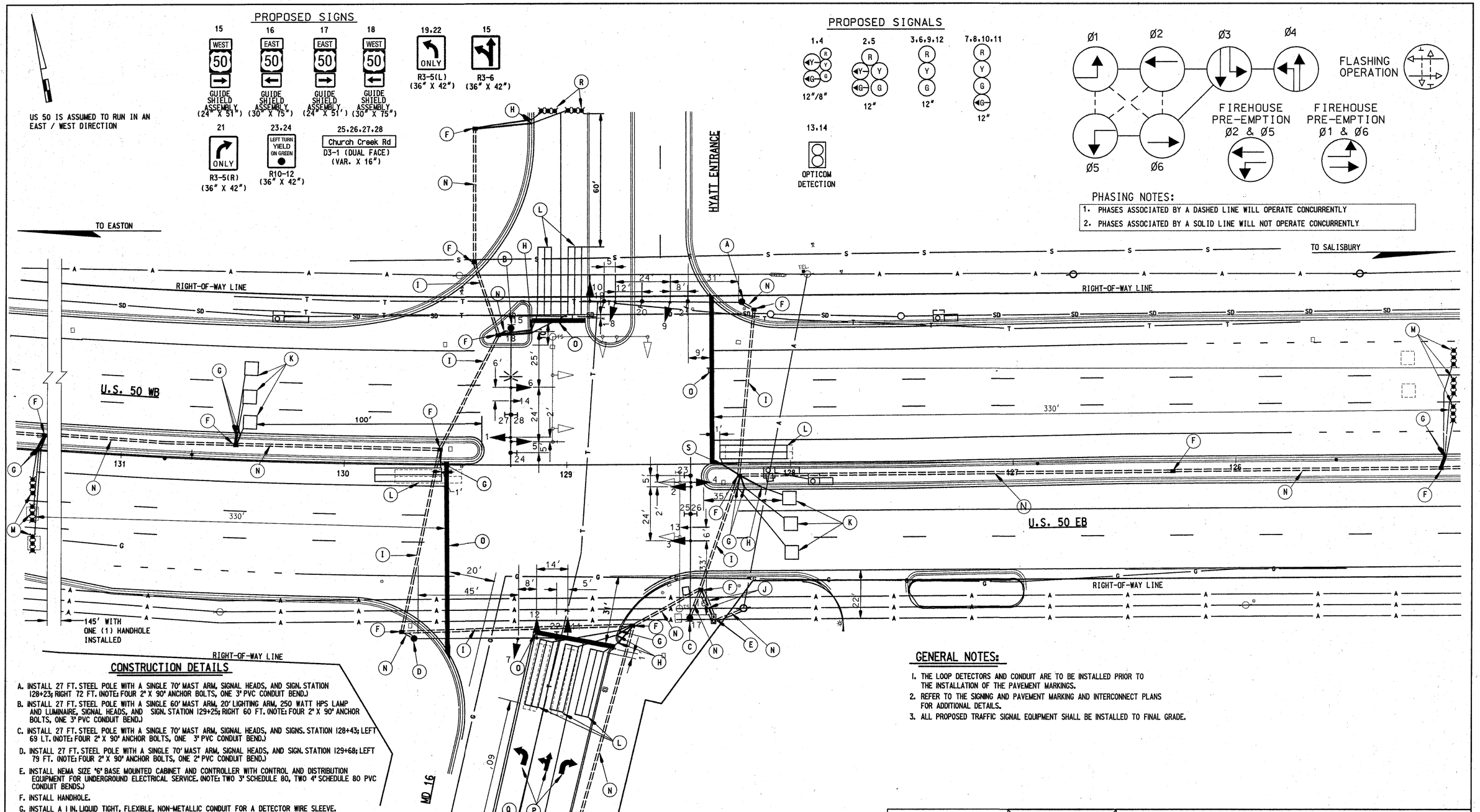
PROPOSED SIGNS
15 WEST 50 GUIDE SHIELD ASSEMBLY (24" X 51")
16 EAST 50 GUIDE SHIELD ASSEMBLY (30" X 75")
17 EAST 50 GUIDE SHIELD ASSEMBLY (24" X 51")
18 WEST 50 GUIDE SHIELD ASSEMBLY (30" X 75")
19,22 ONLY R3-5(L) (36" X 42")
15 R3-6 (36" X 42")
21 ONLY R3-5(R) (36" X 42")
23,24 LEFT TURN YIELD ON GREEN R10-12 (36" X 42")
25,26,27,28 Church Creek Rd D3-1 (DUAL FACE) (VAR. X 16")
US 50 IS ASSUMED TO RUN IN AN EAST / WEST DIRECTION
PROPOSED SIGNALS
1,4 12"/8"
2,5 12"
3,6,9,12 12"
7,8,10,11 12"
13,14 OPTICOM DETECTION
Ø1 Ø2 Ø3 Ø4 Ø5 Ø6
FLASHING OPERATION
FIREHOUSE PRE-EMPTION Ø2 & Ø5
FIREHOUSE PRE-EMPTION Ø1 & Ø6
PHASING NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
TO EASTON
TO SALISBURY
HYATT ENTRANCE
RIGHT-OF-WAY LINE
U.S. 50 WB
U.S. 50 EB
MD 16
145' WITH ONE (1) HANDHOLE INSTALLED
CONSTRUCTION DETAILS
A. INSTALL 27 FT. STEEL POLE WITH A SINGLE 70' MAST ARM, SIGNAL HEADS, AND SIGN. STATION 128+23; RIGHT 72 FT. (NOTE: FOUR 2" X 90° ANCHOR BOLTS, ONE 3" PVC CONDUIT BEND.)
B. INSTALL 27 FT. STEEL POLE WITH A SINGLE 60' MAST ARM, 20' LIGHTING ARM, 250 WATT HPS LAMP AND LUMINAIRE, SIGNAL HEADS, AND SIGN. STATION 129+25; RIGHT 60 FT. (NOTE: FOUR 2" X 90° ANCHOR BOLTS, ONE 3" PVC CONDUIT BEND.)
C. INSTALL 27 FT. STEEL POLE WITH A SINGLE 70' MAST ARM, SIGNAL HEADS, AND SIGNS. STATION 128+43; LEFT 69 LT. (NOTE: FOUR 2" X 90° ANCHOR BOLTS, ONE 3" PVC CONDUIT BEND.)
D. INSTALL 27 FT. STEEL POLE WITH A SINGLE 70' MAST ARM, SIGNAL HEADS, AND SIGN. STATION 129+68; LEFT 79 FT. (NOTE: FOUR 2" X 90° ANCHOR BOLTS, ONE 2" PVC CONDUIT BEND.)
E. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH CONTROL AND DISTRIBUTION EQUIPMENT FOR UNDERGROUND ELECTRICAL SERVICE. (NOTE: TWO 3" SCHEDULE 80, TWO 4" SCHEDULE 80 PVC CONDUIT BENDS.)
F. INSTALL HANDHOLE.
G. INSTALL A 1 IN. LIQUID TIGHT, FLEXIBLE, NON-METALLIC CONDUIT FOR A DETECTOR WIRE SLEEVE.
H. INSTALL 1" GALVANIZED ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE)
I. INSTALL A 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
J. INSTALL A 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
K. INSTALL 6 FT X 6 FT VEHICLE LOOP DETECTOR (4-TURNS) ENCASED IN A 1/4 IN. FLEXIBLE TUBING.
L. INSTALL 6 FT X 30 FT (3-6-3 WINDING) QUADROPOLE TYPE LOOP DETECTOR ENCASED IN A 1/4 IN. FLEXIBLE TUBING.
M. INSTALL MICROLOOP PROBE SET WITH 1000 FT. LEAD-IN.
N. INSTALL A 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
O. INSTALL 24 IN. WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING TAPE.
P. INSTALL THERMOPLASTIC PAVEMENT MARKING ARROW.
Q. INSTALL THERMOPLASTIC PAVEMENT MARKING LETTERS.
R. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
UTILITY LEGEND
G GAS MAIN
W WATER MAIN
S SEWER MAIN
E ELECTRIC CABLES
A AERIAL CABLES
T TELEPHONE CABLES
SD STORM DRAIN
SCALE { PLAN: 1" = 20'
GENERAL NOTES:
1. THE LOOP DETECTORS AND CONDUIT ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
2. REFER TO THE SIGNING AND PAVEMENT MARKING AND INTERCONNECT PLANS FOR ADDITIONAL DETAILS.
3. ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
REVISIONS
E SIGNAL RECONSTRUCTION DUE TO GEOMETRIC CHANGES
S.H.A. NO. DOR589/0
APPROVALS
ASST. TRAFFIC ENGINEERING DESIGN DIVISION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE
WALLACE, MONTGOMERY & ASSOCIATES
CIVIL AND STRUCTURAL ENGINEERS
110 WEST ROAD
TOWSON, MARYLAND 21204
MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
U.S. 50 SIX-LANE RECONSTRUCTION
FROM WOODS ROAD TO BUCKTOWN ROAD
DRAWN BY: D. DICKERSON
CHECKED BY:
SCALE: 1"=20'
DATE: 06/07/87
F.A.P. NO.
S.H.A. NO.
COUNTY: DORCHESTER
LOG MILE:
TS NO. TS-1609 E
T.I.M.S. NO.
SHEET NO. 28 OF 48