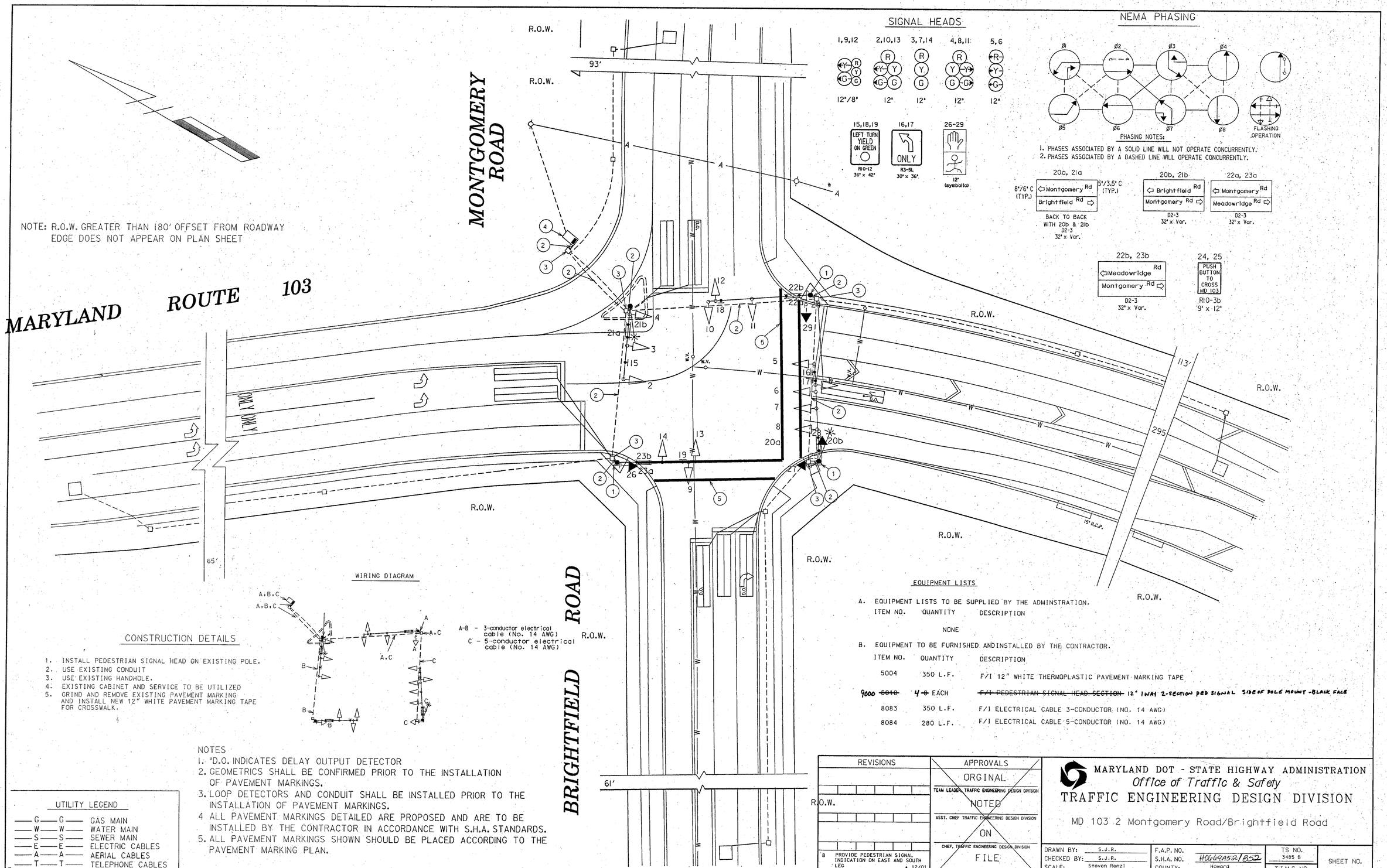
MONTGOMERY ROAD
MARYLAND ROUTE 103
BRIGHTFIELD ROAD
R.O.W.
93'
113'
295'
65'
61'
15" R.C.P.
ONLY
SIGNAL HEADS
1,9,12
2,10,13
3,7,14
4,8,11
5,6
12"/8"
12"
15,18,19
LEFT TURN YIELD ON GREEN
R10-12
36" x 42"
16,17
ONLY
R3-5L
30" x 36"
26-29
12" (symbolic)
NEMA PHASING
Ø1
Ø2
Ø3
Ø4
Ø5
Ø6
Ø7
Ø8
FLASHING OPERATION
PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
20a, 21a
8'/6' C (TYP.)
Montgomery Rd
Brightfield Rd
5'/3.5' C (TYP.)
BACK TO BACK WITH 20b & 21b
D2-3
32" x Var.
20b, 21b
Brightfield Rd
Montgomery Rd
D2-3
32" x Var.
22a, 23a
Montgomery Rd
Meadowridge Rd
D2-3
32" x Var.
22b, 23b
Meadowridge Rd
Montgomery Rd
D2-3
32" x Var.
24, 25
PUSH BUTTON TO CROSS MD 103
R10-3b
9" x 12"
NOTE: R.O.W. GREATER THAN 180' OFFSET FROM ROADWAY EDGE DOES NOT APPEAR ON PLAN SHEET
WIRING DIAGRAM
A,B,C
A-B - 3-conductor electrical cable (No. 14 AWG)
C - 5-conductor electrical cable (No. 14 AWG)
CONSTRUCTION DETAILS
1. INSTALL PEDESTRIAN SIGNAL HEAD ON EXISTING POLE.
2. USE EXISTING CONDUIT
3. USE EXISTING HANDHOLE.
4. EXISTING CABINET AND SERVICE TO BE UTILIZED
5. GRIND AND REMOVE EXISTING PAVEMENT MARKING AND INSTALL NEW 12" WHITE PAVEMENT MARKING TAPE FOR CROSSWALK.
NOTES
1. *D.O. INDICATES DELAY OUTPUT DETECTOR
2. GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
4 ALL PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS.
5. ALL PAVEMENT MARKINGS SHOWN SHOULD BE PLACED ACCORDING TO THE PAVEMENT MARKING PLAN.
UTILITY LEGEND
G GAS MAIN
W WATER MAIN
S SEWER MAIN
E ELECTRIC CABLES
A AERIAL CABLES
T TELEPHONE CABLES
EQUIPMENT LISTS
A. EQUIPMENT LISTS TO BE SUPPLIED BY THE ADMINSTRATION.
ITEM NO. QUANTITY DESCRIPTION
NONE
B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
ITEM NO. QUANTITY DESCRIPTION
5004 350 L.F. F/I 12" WHITE THERMOPLASTIC PAVEMENT MARKING TAPE
9000 ~~8010~~ 4 ~~8~~ EACH ~~F/I PEDESTRIAN SIGNAL HEAD SECTION~~ 12" 1WAY 2-SECTION PED SIGNAL SIDE OF POLE MOUNT -BLACK FACE
8083 350 L.F. F/I ELECTRICAL CABLE 3-CONDUCTOR (NO. 14 AWG)
8084 280 L.F. F/I ELECTRICAL CABLE 5-CONDUCTOR (NO. 14 AWG)
REVISIONS
B PROVIDE PEDESTRIAN SIGNAL INDICATION ON EAST AND SOUTH LEG 12/01
MEL
APPROVALS
ORGINAL
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
NOTED
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
ON
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
FILE
DIRECTOR, TRAFFIC & SAFETY
MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 103 2 Montgomery Road/Brightfield Road
DRAWN BY: S.J.R.
CHECKED BY: S.J.R.
SCALE: Steven Renzi
DATE: 11/94
F.A.P. NO.
S.H.A. NO. H0664A52/B52
COUNTY: Howard
LOG MILE: 13010302.50
TS NO. 3485 B
T.I.M.S. NO.
SHEET NO. 1 OF 1