F H WA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.			

EXISTING SIGNALS & SIGNS

1-2, 3,4,6,7,9-12, 13,14, 16a, 16b

Greenspring Dr. → ← Greenspring Dr.

16" x Var. D3-2 Dual Faced

ONLY R 3-5(L) 30"X 36"

PROPOSED SIGNALS & SIGNS

5,8 6,9 15,20 17 18 21 19a,19b,22a,22b

LEFT TURN YIELD ON GREEN R 10-12 36"X42"

SOUTH MARYLAND 25 — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

NORTH MARYLAND 25 — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

SOUTH MARYLAND 25 — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

Falls Rd. D3-2 16" x Var.

WIRING DIAGRAM

A-D = 7 CONDUCTOR CABLE (NO. 14 AWG)
E-F = 5 CONDUCTOR CABLE (NO. 14 AWG)
G-I = 2 CONDUCTOR (ALUMINUM SHIELDED) CABLE
LW = LOOP WIRE

CONSTRUCTION DETAILS:

1. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
2. USE EXISTING CONDUIT.
3. USE EXISTING HANDHOLE.
4. F. & I. HANDHOLE.
5. F. & I. 3" PVC. CONDUIT BORED
6. F. & I. 3"PVC. CONDUIT TRENCHED.
7. F. & I. NON-INVASIVE PROBE SET.
8. REMOVE EXISTING UN-USED CABLE.
9. F. & I. VIDEO DETECTION CAMERA.
10. F. & I. 14' PEDSTAL POLE WITH 2" PVC. ELBOW IN BASE.
11. F. & I. 2" PVC. CONDUIT TRENCHED.
12. REMOVE & REROUTE THE CABLES.
13. RE-RING THE EXISTING SPAN WITH 4" RING.
14. F. & I. 3" PVC. CONDUIT SLOTTED
15. F. & I. VIDEO DETECTION ARM

NEMA PHASES:

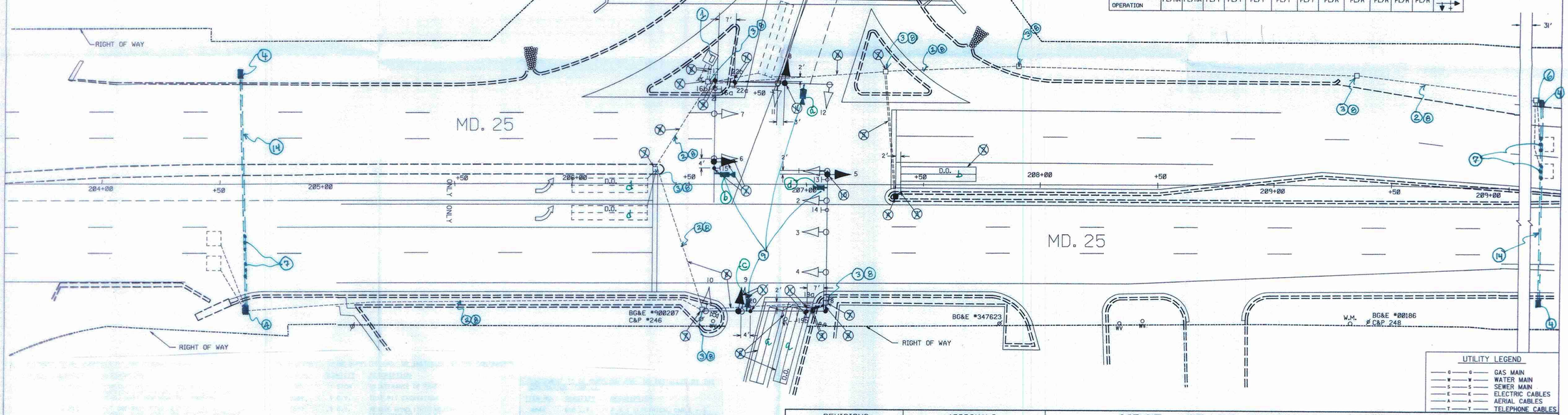
Ø1 Ø2 Ø4 Ø5 Ø6 Ø7 Ø8

FLASHING OPERATION

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

	1	2	3	4	5	6	7	8	9	10	11	12
PHASE 1 & 5	◀G-	◀G-	R	R	◀G-R	◀G-R	R	R	R	R	R	R
1 & 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 1 & 6 OR 2 & 5 OR 2 & 6											
PHASE 1 & 6	◀G-	◀G-	G	G	R	R	R	R	R	R	R	R
1 CHANGE	◀Y-	◀Y-	G	G	R	R	R	R	R	R	R	R
PHASE 2 & 5	◀R-	◀R-	R	R	◀G-G	◀G-G	G	R	R	R	R	R
5 CHANGE	◀R-	◀R-	R	R	◀Y-G	◀Y-G	G	R	R	R	R	R
PHASE 2 & 6	◀R-	◀R-	G	G	G	G	G	R	R	R	R	R
2 & 6 CHANGE	◀R-	◀R-	Y	Y	Y	Y	Y	R	R	R	R	R
PHASE 4 & 7	◀R-	◀R-	R	R	R	R	R	◀G-G	◀G-G	G	R	R
7 CHANGE	◀R-	◀R-	R	R	R	R	R	◀Y-G	◀Y-G	G	R	R
PHASE 4 & 8	◀R-	◀R-	R	R	R	R	R	G	G	G	G	G
4 & 8 CHANGE	◀R-	◀R-	R	R	R	R	R	Y	Y	Y	Y	Y
FLASHING OPERATION	FL/RA	FL/RA	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R

TOD NO:XX3568
SHA NO:AX885K54
V-MD 25,MD 45,MD 146,MD 147, MD 140



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

REVISIONS	APPROVALS
A. 08/96 - AS BUILT: ADD E/P L.T. FOR S.B. MD 25. & FOR E.B. MD 130 SHA #B433-501-485.	CHIEF, SIGNAL DESIGN SECTION
UPGRADE DETECTION WITH VIDEO & NON-INVASIVE PROBE SET SHA NO XX3568168 11/23/2009	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

NOTICE: THIS IS A REVISION TO B-433-501-485 DATED 5-4-77 ORIGINAL PLAN ON FILE

MDOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

SIGNAL # 03002503.76

DRAWN BY: Barry King
DES. BY: Barry King
CHK. BY: D.J. Doda Jr.

MD. 25 & MD. 130

COUNTY: BALTIMORE

DATE: 5-4-77
SCALE: 1" = 20'
F.A.P. NO.
S.H.A. NO. B-433-501-485

TS/STD. NO. TS-268 (A)

SHEET NO. 1 OF 1