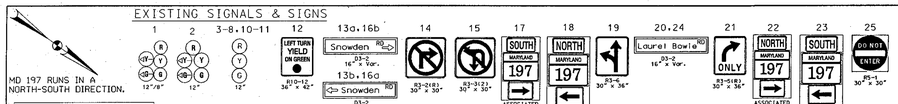
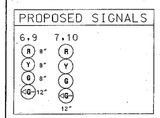
EXISTING SIGNALS & SIGNS



PROPOSED SIGNALS



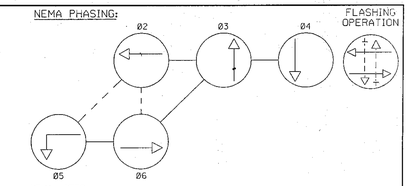
B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8001	10 EACH	F & I 12" BLACK FACED SIGNAL HEAD SECTION
8002	6 EACH	F & I 8" BLACK FACED SIGNAL HEAD SECTION
8003	145 L.F.	F & I ELECTRICAL CABLE - 7-CONDUCTOR (NO. 14 AWG)
8004	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT

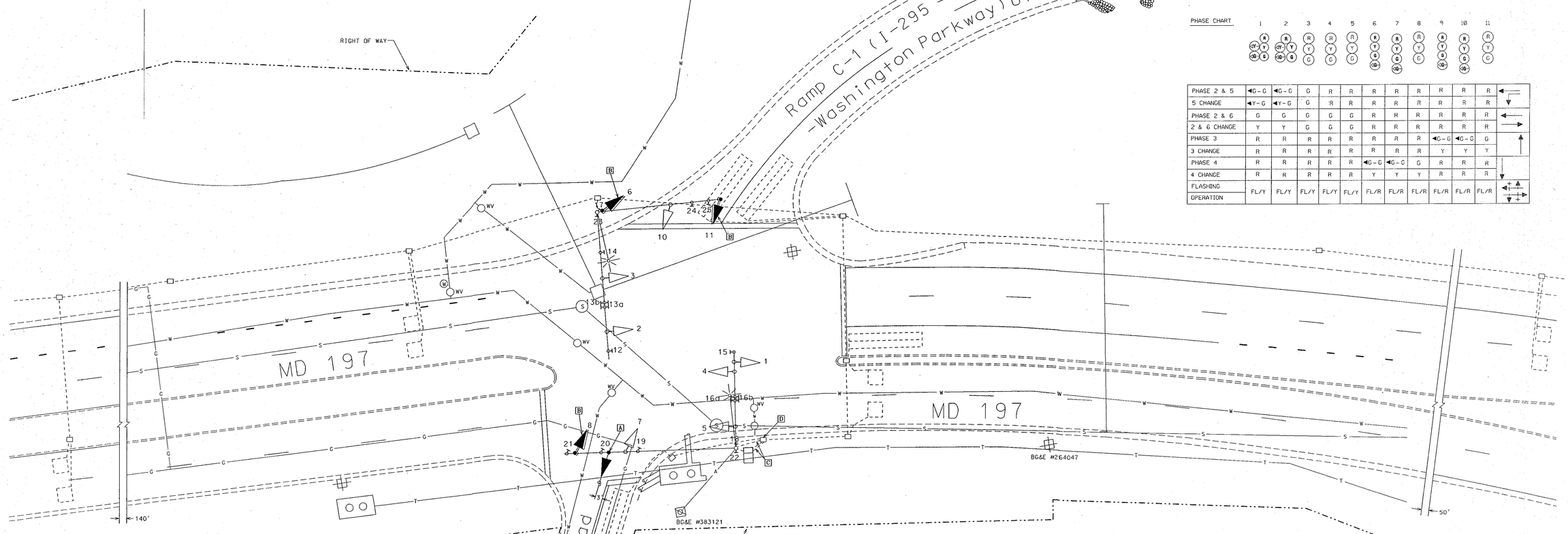
CONSTRUCTION DETAILS

A INSTALL THE PROPOSED SIGNAL HEAD.
B. REMOVE THE EXISTING SIGNAL HEAD.
INSTALL THE PROPOSED SIGNAL HEAD.
C. USE THE EXISTING CONDUIT.
D. USE THE EXISTING HANDHOLE.

NEMA PHASING:



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

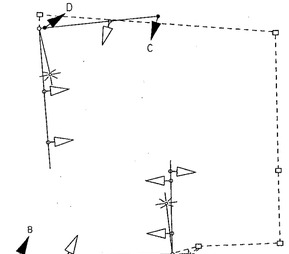


PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11
PHASE 2 & 5	◄G-G	◄G-G	G	R	R	R	R	R	R	R	R
5 CHANGE	◄Y-G	◄Y-G	G	R	R	R	R	R	R	R	R
PHASE 2 & 6	G	G	G	G	G	R	R	R	R	R	R
2 & 6 CHANGE	Y	Y	G	G	G	R	R	R	R	R	R
PHASE 3	R	R	R	R	R	R	R	R	◄G-G	◄G-G	G
3 CHANGE	R	R	R	R	R	R	R	R	Y	Y	Y
PHASE 4	R	R	R	R	R	◄G-G	◄G-G	G	R	R	R
4 CHANGE	R	R	R	R	R	Y	Y	Y	R	R	R
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

WIRING DIAGRAM

A = 7-CONDUCTOR CABLE (NO. 14 AWG)
B-D = USE THE EXISTING CABLE (NO. 14 AWG)



PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

MR. MAJID SHAKIB
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ASSISTANT DISTRICT ENGINEER - MAINTENANCE
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PHONE: (410) 787-7631

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CHIEF, SIGNAL OPERATIONS SECTION
PHONE: (410) 787-7652

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
D	STORM DRAIN

REVISIONS

C. 02/2003 - CHANGE SIGNAL PHASING TO PROVIDE SIDE STREET SPLIT PHASING FOR SNOWDEN ROAD & RAMP C-1 (I-295 OFF RAMP): SHA NO. SF-SIGNAL

B. FEBRUARY, 1999 - RECONSTRUCT SIGNAL DUE TO NEW GEOMETRICS

SHA NO.

M.A.R. D.A.S. S.K.K. T.H.

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

NOTE: ORIGINAL PLAN ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 197 and SNOWDEN ROAD/ RAMP C-1 (I-295 - BALTIMORE-WASHINGTON PARKWAY) OFF-RAMP
MONTPLIER, MARYLAND

DRAWN BY: S.M.H.	F.A.P. NO.	T.S. NO. TS-3582 C	SHEET NO.
CHECKED BY: B.J.H.	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY PRINCE GEORGE'S	T.I.M.S. NO. F703	1 OF 1
DATE: FEBRUARY, 1999	LOG MILE 18019711.69		