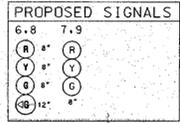


**CONSTRUCTION DETAILS**

A. REMOVE THE EXISTING SIGNAL HEAD. INSTALL THE PROPOSED SIGNAL HEAD.

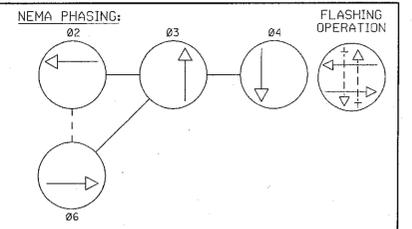


**NOTES TO THE CONTRACTOR:**

1. 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 LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.

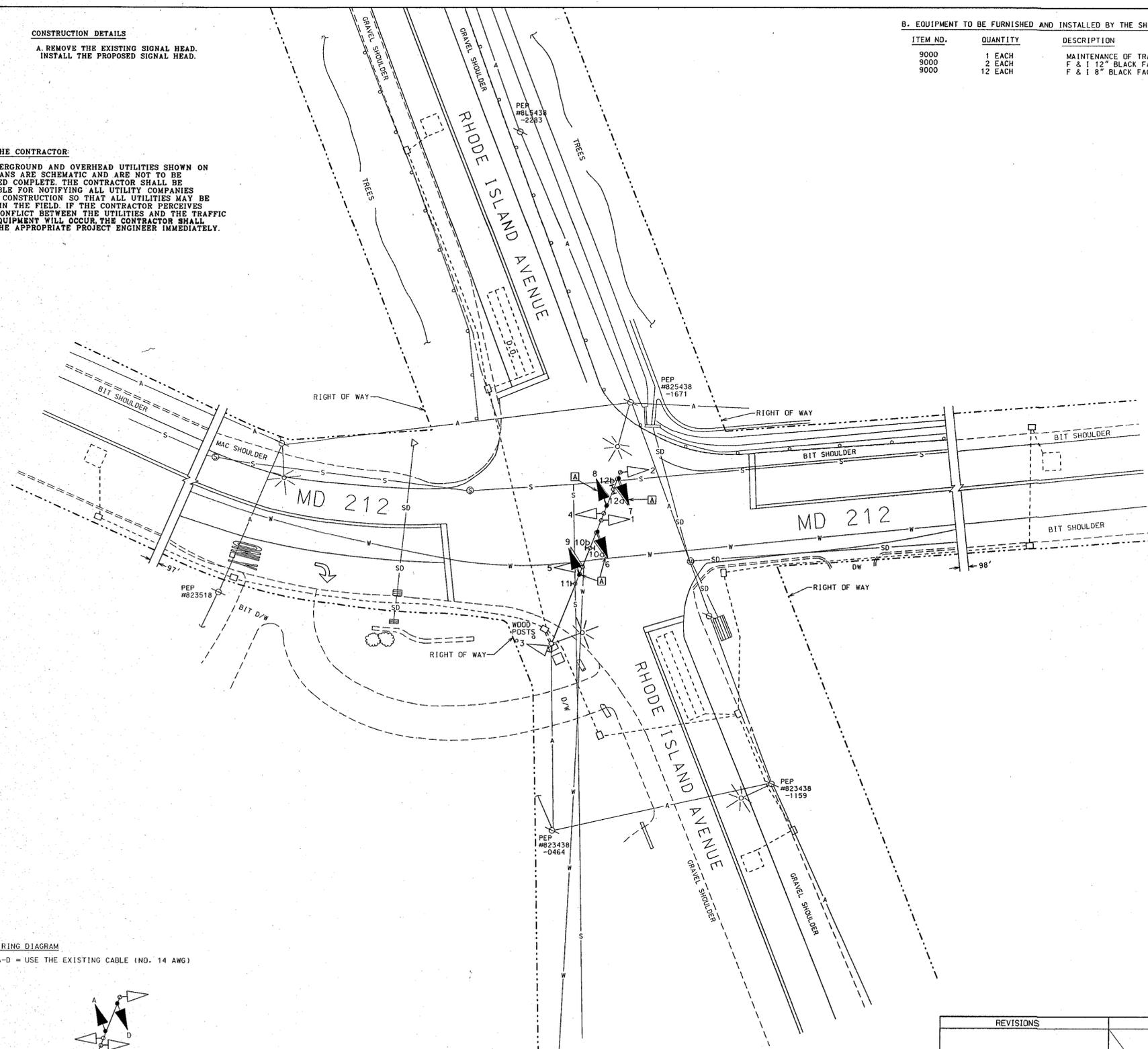
**B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE SHA**

ITEM NO.	QUANTITY	DESCRIPTION
9000	1 EACH	MAINTENANCE OF TRAFFIC
9000	2 EACH	F & 1 12" BLACK FACED SIGNAL HEAD SECTION
9000	12 EACH	F & 1 8" BLACK FACED SIGNAL HEAD SECTION



**NEMA NOTES:**

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



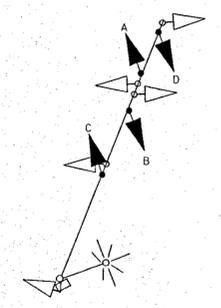
**PHASE CHART**

	1	2	3	4	5	6	7	8	9
R	R	R	R	R	R	R	R	R	R
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
G	G	G	G	G	G	G	G	G	G

PHASE 2 & 5	G	G	G	R	R	R	R	R	R	R	←
5 CHANGE	G	G	G	R	R	R	R	R	R	R	←
PHASE 2 & 6	G	G	G	G	G	R	R	R	R	R	←
2 & 6 CHANGE	Y	Y	G	G	G	R	R	R	R	R	←
PHASE 3	R	R	R	R	R	R	R	R	R	R	↑
3 CHANGE	R	R	R	R	R	R	R	R	R	R	↑
PHASE 4	R	R	R	R	R	G	G	R	R	R	↓
4 CHANGE	R	R	R	R	R	Y	Y	R	R	R	↓
FLASHING	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	↕
OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	↕

**WIRING DIAGRAM**

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



**UTILITY LEGEND**

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

THE PROJECT CONTACTS ARE AS FOLLOWS:

**PROJECT CONTACTS**

MR. MAJID SHAKIB ASSISTANT DISTRICT ENGINEER - TRAFFIC PHONE: (301) 513-7358	MR. RICHARD DAFF CHIEF, TRAFFIC OPERATIONS DIVISION PHONE: (410) 787-7630
MR. RALEIGH WEDLEY ASSISTANT DISTRICT ENGINEER - MAINTENANCE PHONE: (301) 513-7304	MR. ROBERT SNYDER ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS DIVISION PHONE: (410) 787-7631
MR. AUGIE REBISH ASSISTANT DISTRICT ENGINEER - UTILITIES PHONE: (301) 513-7350	MR. EDWARD ROSENHIZER CHIEF, SIGNAL OPERATIONS SECTION PHONE: (410) 787-7652

**REVISIONS**

1	03/2003 - PROVIDE SPLIT PHASING ALONG RHODE ISLAND AVENUE
2	SHA NO. SF-SIGNAL/10/11
3	FEB. 1998 - RECONSTRUCTING EXISTING SIGNAL REMOVING SPAN WIRE & INSTALLING SINGLE MAST ARM
4	SHA NO. 10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30
5	A - JUNE 6, 1970 - AS BUILT

**APPROVALS**

MD 1515100000  
REVISIONS TO  
DATE 03/12/1970  
ORIGINAL PLAN  
FILE

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**

Office of Traffic & Safety

**TRAFFIC ENGINEERING DESIGN DIVISION**

MD 212 (POWDER MILL ROAD) and  
RHODE ISLAND AVENUE  
BELTSVILLE, MARYLAND

DRAWN BY: <i>Las Townsend</i>	F.A.P. NO. S.H.A. NO. R-159X-375	T.S. NO. TS-62 C	SHEET NO. 1 OF 3
CHECKED BY:	COUNTY PRINCE GEORGE'S	T.I.M.S. NO. F617	
SCALE: 1" = 20'	LOG MILE 06021005.77		
DATE: 03/12/1970			