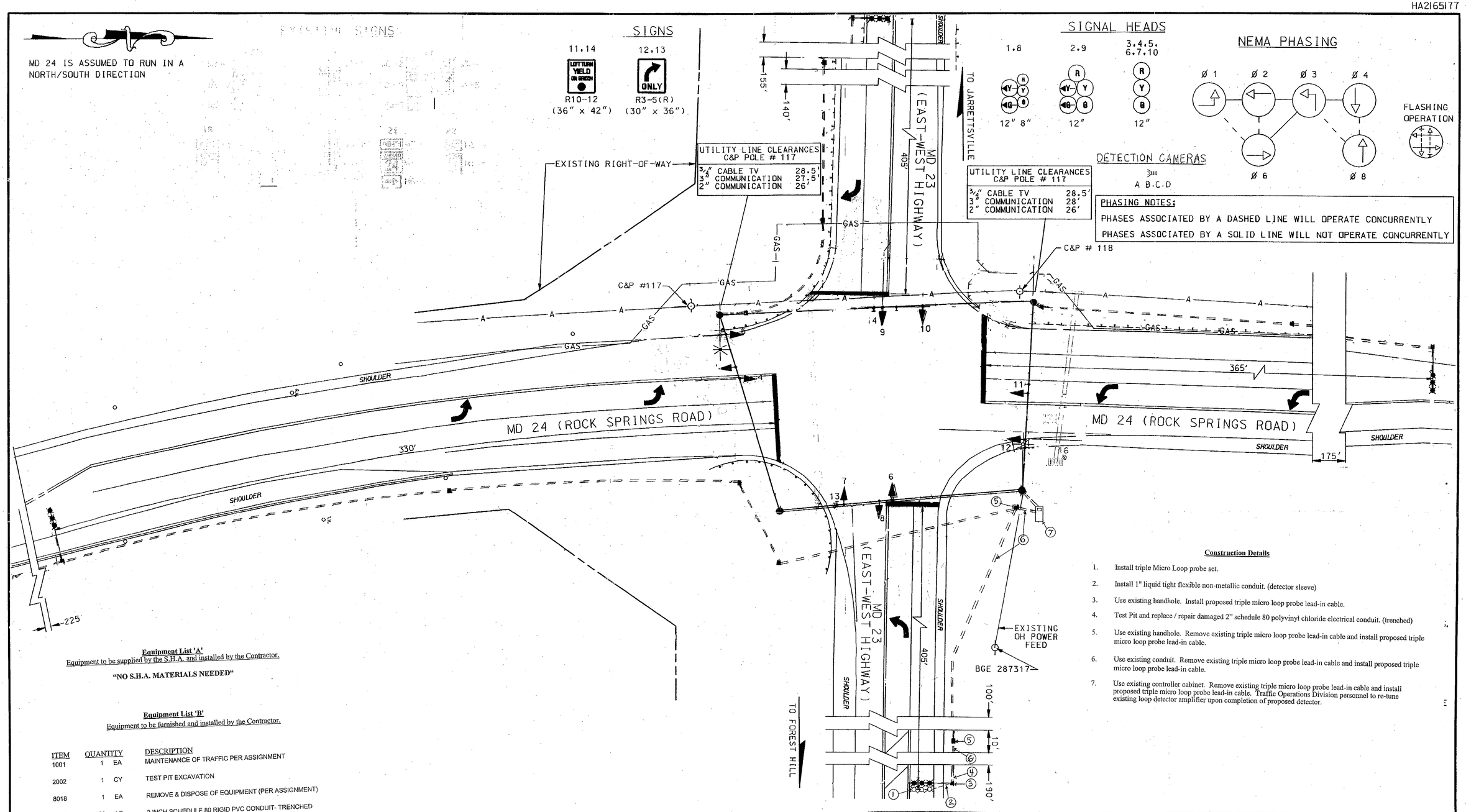
HA2165177



Equipment List 'A'
Equipment to be supplied by the S.H.A. and installed by the Contractor.

"NO S.H.A. MATERIALS NEEDED"

Equipment List 'B'
Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
2002	1 CY	TEST PIT EXCAVATION
8018	1 EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8020	20 LF	2 INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
8040	6 LF	1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8044	1 EA	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE
8063	20 LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

Equipment List 'C'
Removed and Salvaged Items

NONE

Construction Details

1. Install triple Micro Loop probe set.
2. Install 1" liquid tight flexible non-metallic conduit. (detector sleeve)
3. Use existing handhole. Install proposed triple micro loop probe lead-in cable.
4. Test Pit and replace / repair damaged 2" schedule 80 polyvinyl chloride electrical conduit. (trenched)
5. Use existing handhole. Remove existing triple micro loop probe lead-in cable and install proposed triple micro loop probe lead-in cable.
6. Use existing conduit. Remove existing triple micro loop probe lead-in cable and install proposed triple micro loop probe lead-in cable.
7. Use existing controller cabinet. Remove existing triple micro loop probe lead-in cable and install proposed triple micro loop probe lead-in cable. Traffic Operations Division personnel to re-tune existing loop detector amplifier upon completion of proposed detector.

UTILITY LEGEND

GAS	GAS	GAS MAIN
WATER	WATER	WATER MAIN
SAN	SAN	SEWER MAIN
UG ELEC.	UG ELEC.	ELECTRIC CABLES
UG TELE.	UG TELE.	TELEPHONE CABLES
A	A	AERIAL CABLES

TRAFFIC SIGNAL SYMBOLS

EXISTING		PROPOSED
■	HANDHOLE	□
	LOOP DETECTOR(6X30)	
□	LOOP DETECTOR(6X6)	□
	CONDUIT	
	MICRO LOOP PROBE SET	
	ZOOM LENS IMAGE SENSOR	

REVISIONS 4/20/07

(D) Replace damaged probe set SHA # 27863T12034 - Time# T1657

Ad 10/01/2006 - Add Left Turn Lane to EB MD 23 SHA No. BW9796MD; Time 14942

(B) 11-2003 SIGNAL MODIFICATION DUE TO GEOMETRIC CHANGES HA2165177 - TIME E476

EJH	DD	DZ	BK
SAR	WJR		

A. 7-18-85 RECONSTRUCTION DUE TO NEW GEOMETRICS AND LOOP PLACEMENT; H853-501-476

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 24 (ROCK SPRINGS ROAD) AND
MD 23 (EAST-WEST HIGHWAY)
FIGURE 8A

DESIGNED BY: WJR	F.A.P. NO. SEE TITLE SHEET	TS NO. TS-109	SHEET NO.
CHECKED BY: SAR	S.H.A. NO. -	T.I.M.S. NO. E476	__ OF __
SCALE: 1"=20'	COUNTY: HARFORD		
DATE: 7-18-75	LOG MILE: 12002301.88		

8/07/2005
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