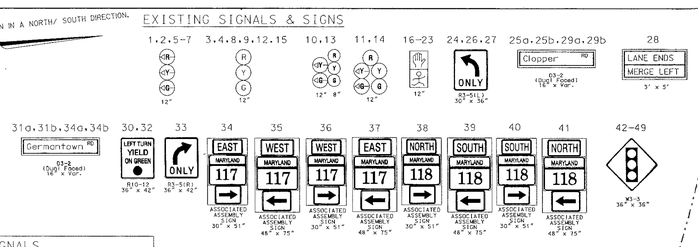
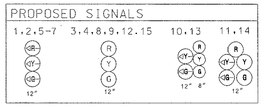
MD 118 IS CONSIDERED TO RUN IN A NORTH/ SOUTH DIRECTION.

EXISTING SIGNALS & SIGNS



PROPOSED SIGNALS

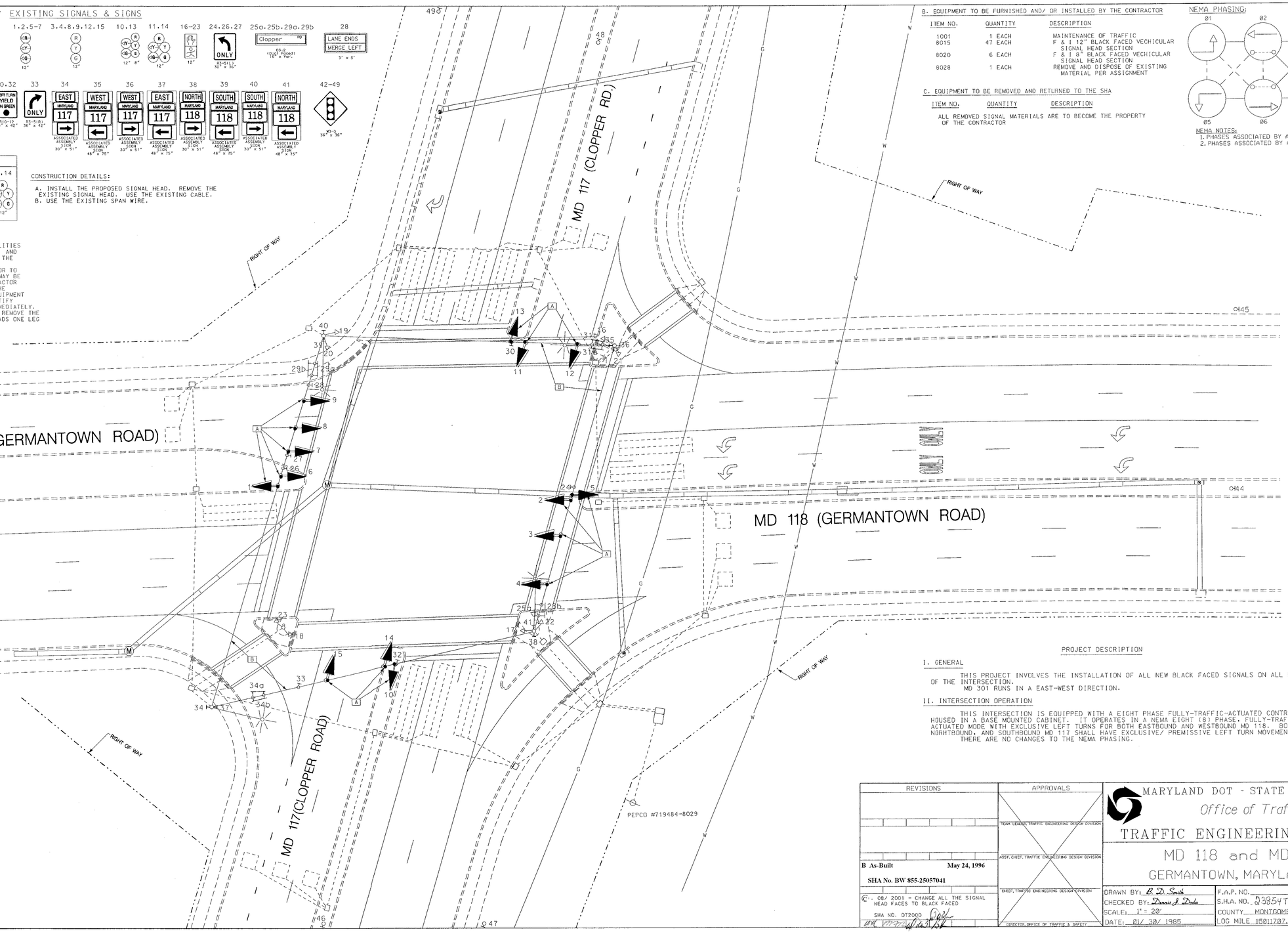


CONSTRUCTION DETAILS:

A. INSTALL THE PROPOSED SIGNAL HEAD. REMOVE THE EXISTING SIGNAL HEAD. USE THE EXISTING CABLE.
B. USE THE EXISTING SPAN WIRE.

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.
2. THE CONTRACTOR SHALL INSTALL, AND REMOVE THE THE PROPOSED AND EXISTING SIGNAL HEADS ONE LEG AT A TIME.



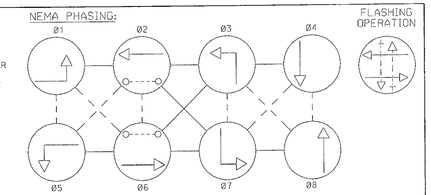
B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8015	47 EACH	F & I 12" BLACK FACED VECHICULAR SIGNAL HEAD SECTION
8020	6 EACH	F & I 8" BLACK FACED VECHICULAR SIGNAL HEAD SECTION
8028	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL PER ASSIGNMENT

C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR		

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.

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF ALL NEW BLACK FACED SIGNALS ON ALL LEGS OF THE INTERSECTION.
MD 301 RUNS IN A EAST-WEST DIRECTION.

II. INTERSECTION OPERATION

THIS INTERSECTION IS EQUIPPED WITH A EIGHT PHASE FULLY-TRAFFIC-ACTUATED CONTROLLER HOUSED IN A BASE MOUNTED CABINET. IT OPERATES IN A NEMA EIGHT (8) PHASE, FULLY-TRAFFIC-ACTUATED MODE WITH EXCLUSIVE LEFT TURNS FOR BOTH EASTBOUND AND WESTBOUND MD 118. BOTH NORHTBOUND, AND SOUTHBOUND MD 117 SHALL HAVE EXCLUSIVE/ PREMISSIVE LEFT TURN MOVEMENTS.
THERE ARE NO CHANGES TO THE NEMA PHASING.

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

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

REVISIONS

B As-Built May 24, 1996

SHA No. BW 855-25057041

G. 08/ 2001 - CHANGE ALL THE SIGNAL HEAD FACES TO BLACK FACED

SHA NO. OT2000

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 118 and MD 117
GERMANTOWN, MARYLAND

DRAWN BY: B. D. Smith	F.A.P. NO.	T.S. NO.	SHEET NO.
CHECKED BY: Dennis L. Drake	S.H.A. NO. D3854T250 9829	TS-2473 C	
SCALE: 1" = 20'	COUNTY MONTGOMERY	T.I.M.S. NO.	
DATE: 01/ 30/ 1985	LOG MILE 15011707.64	E769	1 OF 2