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

PROPOSED SIGNS

MD 97 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

10 — Carrs Mill RD ←

11 — McKendree RD →

13 — Carrs Mill RD →

12 — McKendree RD ←

D3-2 (DUAL FACED) (VARIABLE x 16")

14 — SOUTH MARYLAND 97 →

15 — NORTH MARYLAND 97 ←

16 — NORTH MARYLAND 97 →

17 — SOUTH MARYLAND 97 ←

ASSOCIATED SHIELD ASSEMBLY (24" X 51")

ASSOCIATED SHIELD ASSEMBLY (36" X 75")

PROPOSED SIGNALS

1-4 (Y) 12"

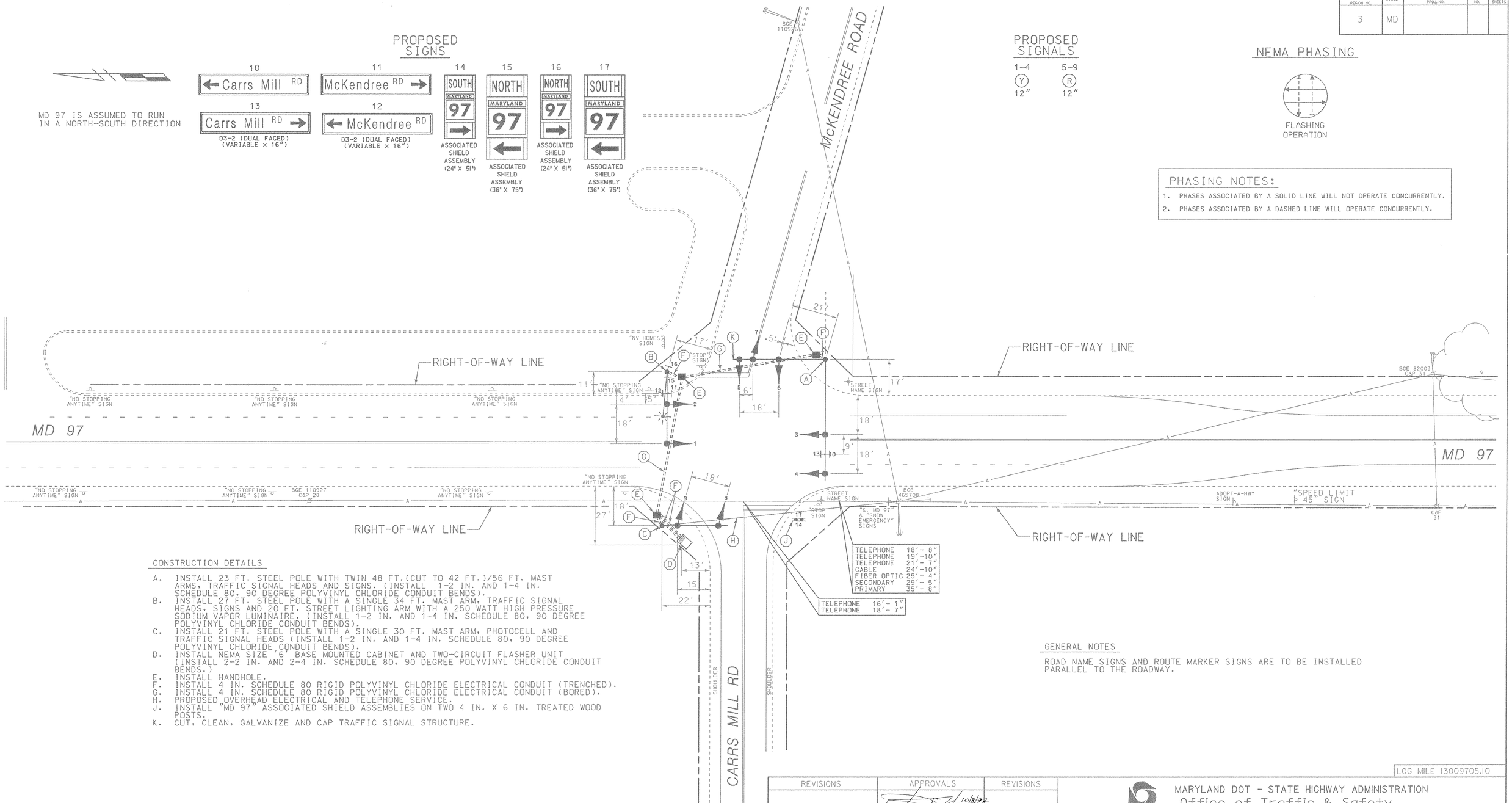
5-9 (R) 12"

NEMA PHASING

FLASHING OPERATION

PHASING NOTES:

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



CONSTRUCTION DETAILS

A. INSTALL 23 FT. STEEL POLE WITH TWIN 48 FT.(CUT TO 42 FT.)/56 FT. MAST ARMS, TRAFFIC SIGNAL HEADS AND SIGNS. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS).
B. INSTALL 27 FT. STEEL POLE WITH A SINGLE 34 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS AND 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS).
C. INSTALL 21 FT. STEEL POLE WITH A SINGLE 30 FT. MAST ARM, PHOTOCELL AND TRAFFIC SIGNAL HEADS (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS).
D. INSTALL NEMA SIZE '6' BASE MOUNTED CABINET AND TWO-CIRCUIT FLASHER UNIT (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS.)
E. INSTALL HANDHOLE.
F. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
G. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
H. PROPOSED OVERHEAD ELECTRICAL AND TELEPHONE SERVICE.
J. INSTALL "MD 97" ASSOCIATED SHIELD ASSEMBLIES ON TWO 4 IN. X 6 IN. TREATED WOOD POSTS.
K. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.

GENERAL NOTES

ROAD NAME SIGNS AND ROUTE MARKER SIGNS ARE TO BE INSTALLED PARALLEL TO THE ROADWAY.

LOG MILE 13009705.10

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates
Engineers and Planners
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS	APPROVALS	REVISIONS
	ASSISTANT DIVISION CHIEF 10/8/97	
	ASST. DISTRICT ENGINEER, TRAFFIC 10/8/97	
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 10/9/97	
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

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

MD 97 AND McKENDREE ROAD/CARRS MILL ROAD

DATE:	10-1-97	DRAWN BY:	S.BLOSS	F.A.P. NO.	AC-STPG-0005(591)E	PLAN SHEET NO.:	SHEET NO.
SCALE:	1:20	DESIGNED BY:	N.LEARY	S.H.A. NO.	AW 278A56/B56	TS-3744	1 OF 2
APPROVED BY:		CHECKED BY:	T.HANNAN	COUNTY	HOWARD		