F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE BELOW	1	1

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF A HAZARD IDENTIFICATION BEACON EAST OF MD 564 ALONG WEST BOUND MD 193.

INTERSECTION OPERATION

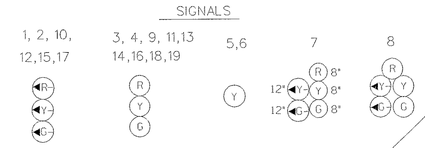
THE SIGNAL HEADS FOR THE HAZARD IDENTIFICATION BEACON WILL FLASH ALTERNATELY AT ALL TIMES.

A TWO-CIRCUIT-FLASHER UNIT, DIMMER SWITCH AND INTERSECTION MONITOR W WITH BATTERY BACK-UP HOUSED IN A "G" TYPE POLE MOUNTED CABINET WILL BE INSTALLED AT THE HAZARD IDENTIFICATION BEACON.

SPECIAL NOTES

UPON COMPLETION OF THIS PROJECT, THE CONTRACTOR SHALL NOTIFY MS. SCHERYL BROWN AT (410)787-7635 TO ARRANGE FOR THE PHONE LINE INSTALLATION. THE CONTRACTOR IS TO PROVIDE MS. BROWN WITH THE NEAREST STREET ADDRESS, ZIP CODE AND PHONE NUMBER.

SIGNALS

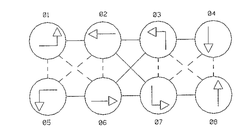


NOTE: SIGNALS 5 AND 6 ARE PROPOSED.

SIGNS

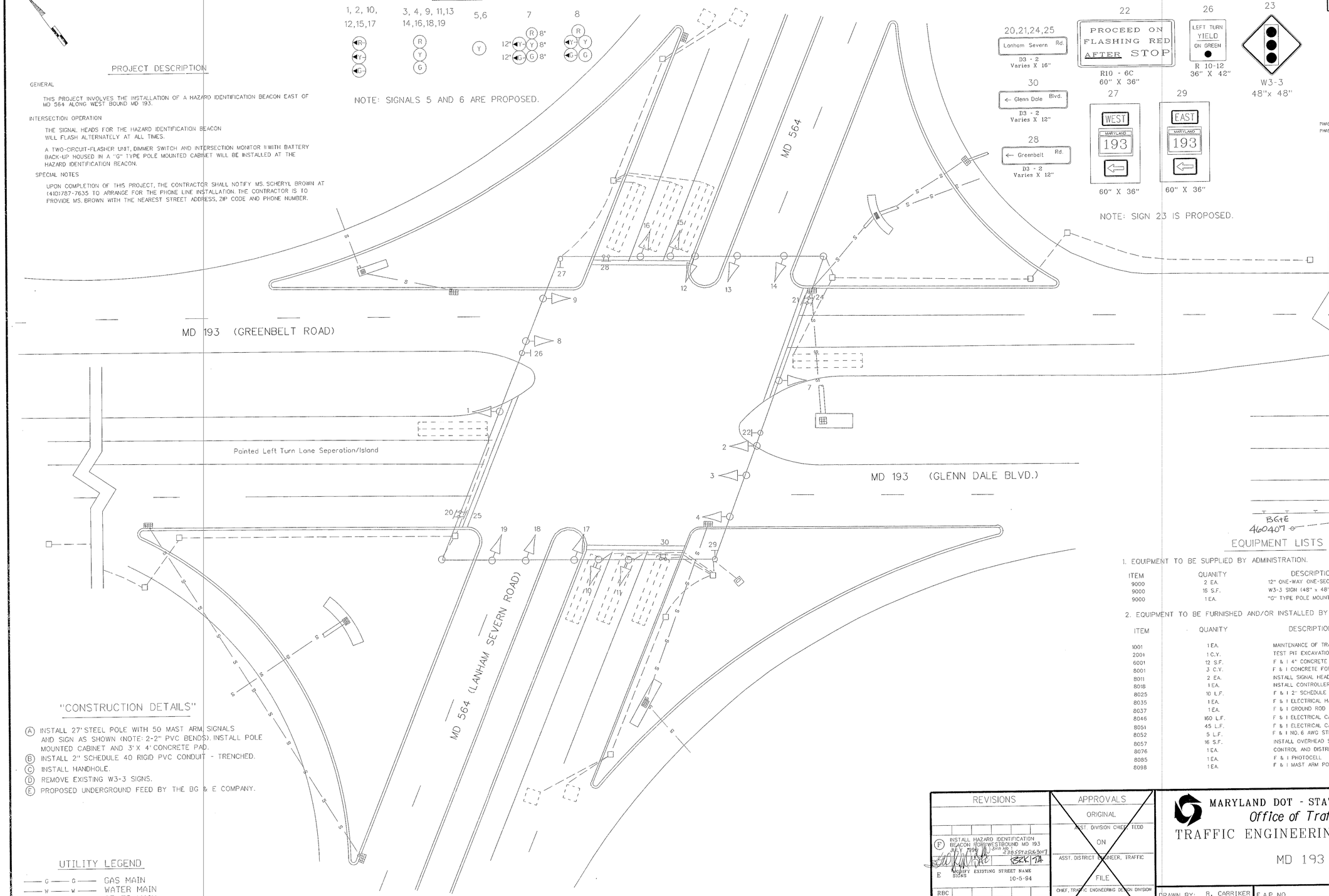
NOTE: SIGN 23 IS PROPOSED.

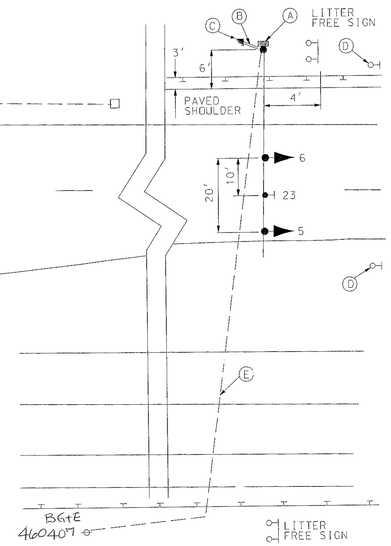
NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

FLASHING OPERATION





"CONSTRUCTION DETAILS"

(A) INSTALL 27' STEEL POLE WITH 50 MAST ARM, SIGNALS AND SIGN AS SHOWN (NOTE: 2-2" PVC BENDS). INSTALL POLE MOUNTED CABINET AND 3' X 4' CONCRETE PAD.
(B) INSTALL 2" SCHEDULE 40 RIGID PVC CONDUIT - TRENCHED.
(C) INSTALL HANDHOLE.
(D) REMOVE EXISTING W3-3 SIGNS.
(E) PROPOSED UNDERGROUND FEED BY THE BG & E COMPANY.

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

EQUIPMENT LISTS

1. EQUIPMENT TO BE SUPPLIED BY ADMINISTRATION.

ITEM	QUANITY	DESCRIPTION
9000	2 EA.	12" ONE-WAY ONE-SECTION (YELLOW) SIGNAL HEAD - MAST ARM MOUNTED
9000	16 S.F.	W3-3 SIGN (48" x 48") MAST ARM MOUNTED - 1 EACH
9000	1 EA.	"G" TYPE POLE MOUNTED FLASHER CABINET ND TWO-CIRCUIT FLASHER

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

ITEM	QUANITY	DESCRIPTION
1001	1 EA.	MAINTENANCE OF TRAFFIC
2001	1 C.Y.	TEST PIT EXCAVATION
6001	12 S.F.	F & I 4" CONCRETE SIDEWALK
8001	3 C.Y.	F & I CONCRETE FOR SIGNAL FOUNDATION
8011	2 EA.	INSTALL SIGNAL HEAD (ANY TYPE)
8018	1 EA.	INSTALL CONTROLLER AND CABINET - POLE MOUNTED
8025	10 L.F.	F & I 2" SCHEDULE 40 RIGID PVC CONDUIT - TRENCHED
8035	1 EA.	F & I ELECTRICAL HANDHOLE
8037	1 EA.	F & I GROUND ROD - 3/4" x 10' LENGTH
8046	160 L.F.	F & I ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 AWG)
8051	45 L.F.	F & I ELECTRICAL CABLE - 1 CONDUCTOR (NO.8 AWG)
8052	5 L.F.	F & I NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8057	16 S.F.	INSTALL OVERHEAD SIGN
8076	1 EA.	CONTROL AND DISTRIBUTION
8085	1 EA.	F & I PHOTOCELL
8098	1 EA.	F & I MAST ARM POLE AND 50 FT. MAST ARM

REVISIONS		
F	INSTALL HAZARD IDENTIFICATION BEACON FOR WESTBOUND MD 193 JULY 1994 (SHD NO. 23B5575056301)	SKR TJA
E	MODIFY EXISTING STREET NAME SIGNS 10-5-94	
RBC		
D	REVISED PHASING OF E/LT ON E.B MD193 - ADD SIGNAL & SIGN 3-10-94	
RBC		

APPROVALS

ORIGINAL

ASST. DIVISION CHIEF, TEDD

ON

ASST. DISTRICT ENGINEER, TRAFFIC

FILE

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

MD 193 AT MD 564

DATE / /

DRAWN BY: R. CARRIKER	F.A.P. NO.	PLAN SHEET NO.: TS-705F	SHEET NO. 1 OF 1
CHECK BY:	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY PRINCE GEORGE'S		

LOG NO. 16019310.44