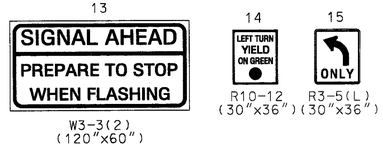
MD 650 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

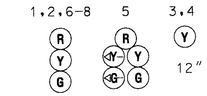
EXISTING SIGNS



PROPOSED SIGNALS

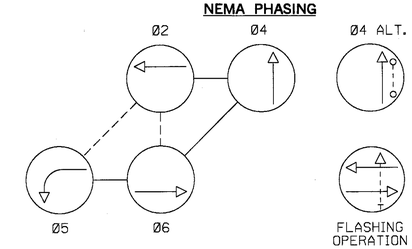
EXISTING SIGNALS TO BE RELOCATED

EXISTING SIGNALS



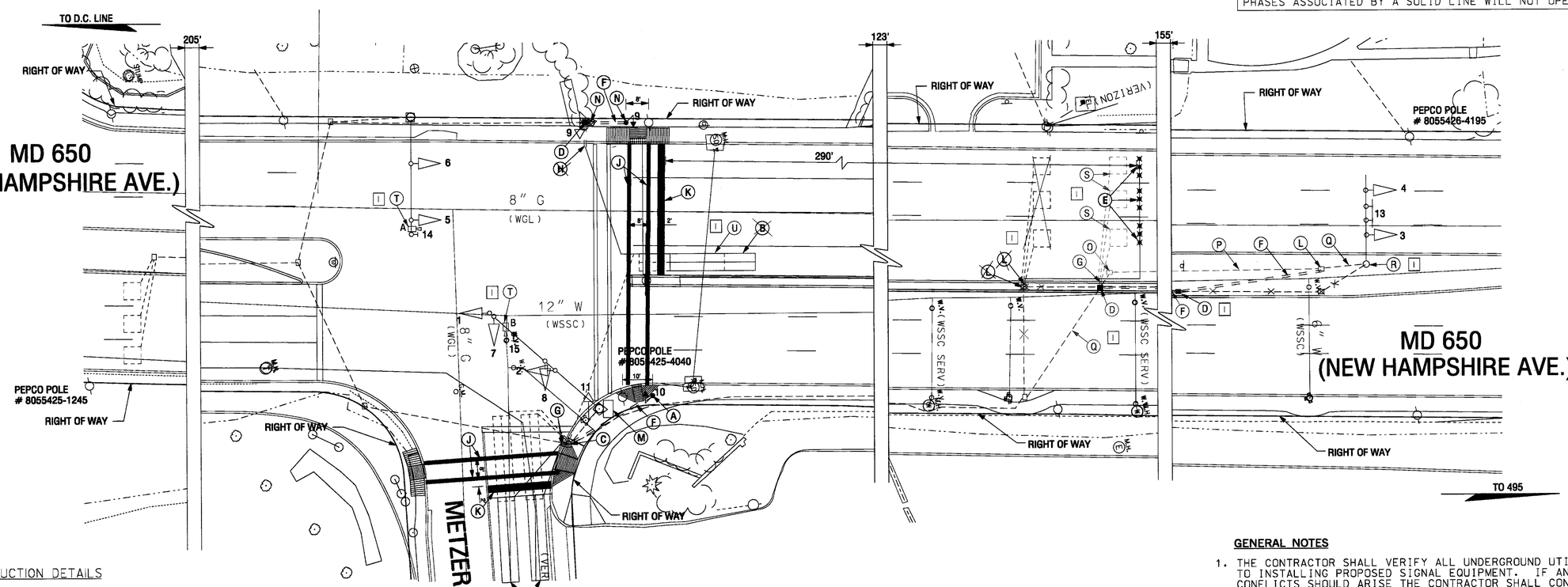
EXISTING SIGNALS TO BE REMOVED

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

[1] VIDEO DETECTION CAMERA
A, B



CONSTRUCTION DETAILS

A. Install 10' Breakaway Pedestal Pole, pedestrian signal heads, pushbuttons with sign (sign to read "PUSH BUTTON TO CROSS NEW HAMPSHIRE AVE"). (NOTE: 1 - 3", 90° polyvinyl chloride (schedule 80) bend)

B. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

C. Adjust handhole to grade.

D. Install Handhole.

E. Install microloop probe set with 500' lead-in cable.

F. Install 3 in. schedule 80, rigid polyvinyl chloride electrical conduit (trenched).

G. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

H. Install 1" electrical conduit - galvanized sleeve.

J. Install 12" white thermoplastic pavement markings (crosswalk).

K. Install 24" white thermoplastic pavement markings (stop line)

L. Existing Handhole

M. Existing Signal pole and pole mounted controller box. Remove existing pedestrian signal head, push button and sign, located on signal pole. Plug Holes on Pole.

N. Relocate existing pedestal pole, pedestrian signal head, push button and sign. (NOTE: Install 1 - 3", 90° polyvinyl chloride (Schedule 80) bend in concrete foundation).

[1] CONSTRUCTION DETAILS (CONT.)

O. Remove Existing Handhole

P. Cap and Abandon Existing Conduit.

Q. Existing Conduit.

R. Existing Mast Arm Signal Pole

S. Abandon Existing 6' x 6' Loop Detectors.

T. Install Video Detection Camera.

U. Video Detection Zone.

V. Install Handhole on Existing Conduit.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
2. USE ALL EXISTING HANDBOXES AND CONDUIT AS REQUIRED.
3. RELOCATION OF THE EXISTING PEDESTAL POLE PAY ITEM SHALL INCLUDE THE RELOCATION OF THE EXISTING PEDESTRIAN SIGNAL HEADS, PUSH BUTTON AND SIGN.

GEOMETRIC LEGEND	
==========	EXISTING
————	PROPOSED

UTILITY LEGEND	
—SD—SD—	STORM DRAIN
—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

REVISIONS	
[1]	Redline Revision No. 1 May 12, 2005

REVISIONS				
(B) S.H.A. NO. PG232576 (TIMS # F890) 05/01/2004 RELOCATE CROSSWALKS, STOP BARS AND PED. SIGNAL INDICATIONS. INSTALL MICROPROBE LOOPS				
DJR	AWD	JON BOX		
(C) S.H.A. NO. A13575185 7/ /03 INSTALL SOUTH BOUND ADVANCE WARNING SIGNAL				
SWA				
(D) S.H.A. NO. P-839-501-385 8-10-85 RELOCATE NB. CONDUIT TO MEDIAN CHANGE PVC LOOP DETECTORS TO SAWCUT LOOPWIRE, CHANGE SIDE STREET CONDUIT FROM PUSH TO SLOT				
ERS	SR	DRH	DW	TH
(C) S.H.A. NO. P-839-501-385 8-10-85 REPLACE ALL SIGNALS, LOOP DETECTORS AND CONTROLLER				
ERS	SR	DRH	MS	TH

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

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

MD 650 AT METZEROTT ROAD

DRAWN BY:	MANK	F.A.P. NO.		TS NO. 586 F	SHEET NO.
CHECKED BY:		S.H.A. NO.	P-343-001-385		
SCALE:	1" = 20'	COUNTY:	PRINCE GEOGES	T.I.M.S. NO. F-890	8 OF 10
DATE:	5/3/72	LOG MILE:	6065002.98		