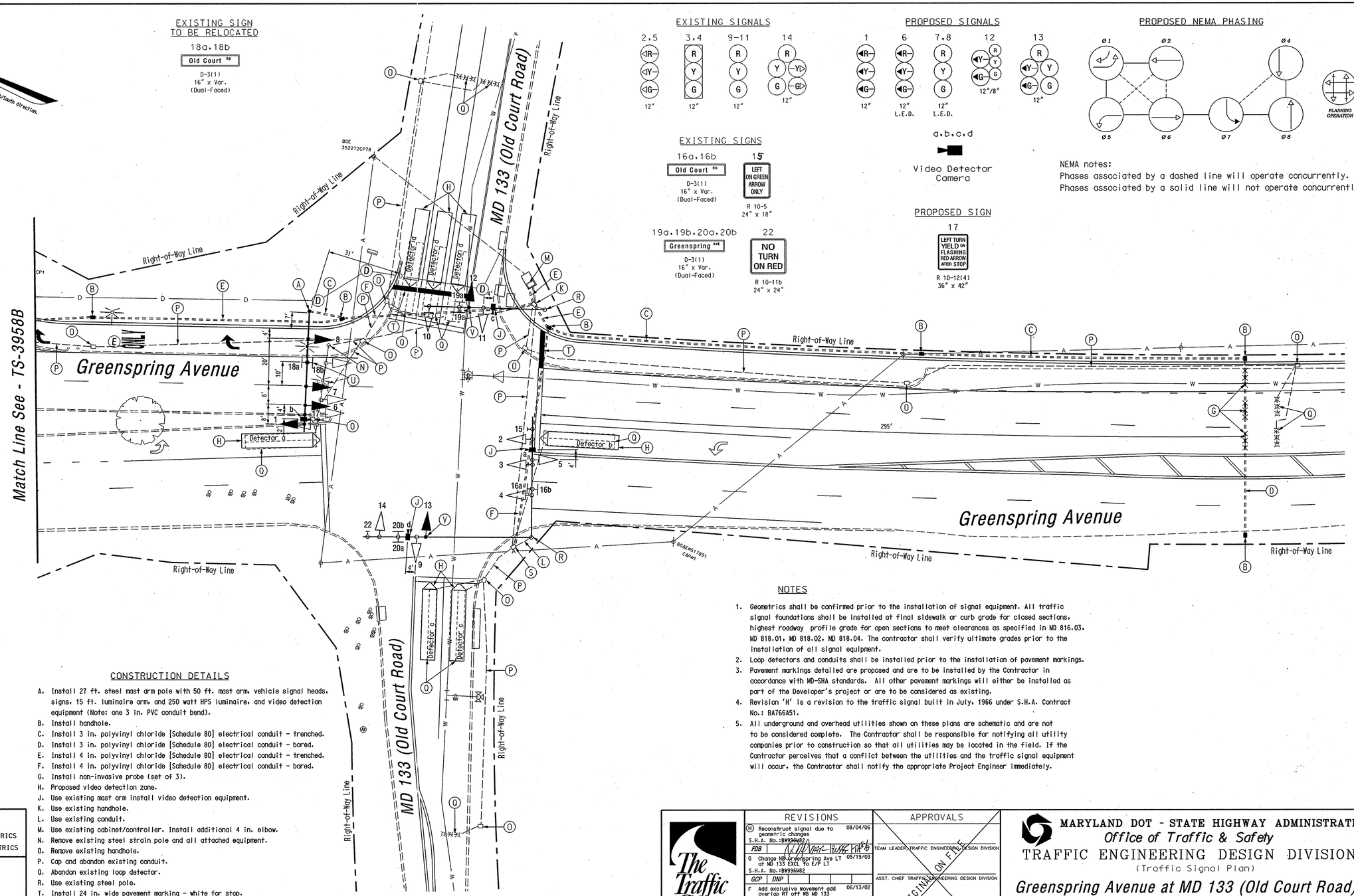

CONSTRUCTION DETAILS

A. Install 27 ft. steel mast arm pole with 50 ft. mast arm, vehicle signal heads, signs, 15 ft. luminaire arm, and 250 watt HPS luminaire, and video detection equipment (Note: one 3 in. PVC conduit bend).
B. Install handhole.
C. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
D. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
E. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
F. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
G. Install non-invasive probe (set of 3).
H. Proposed video detection zone.
J. Use existing mast arm install video detection equipment.
K. Use existing handhole.
L. Use existing conduit.
M. Use existing cabinet/controller. Install additional 4 in. elbow.
N. Remove existing steel strain pole and all attached equipment.
O. Remove existing handhole.
P. Cap and abandon existing conduit.
Q. Abandon existing loop detector.
R. Use existing steel pole.
T. Install 24 in. wide pavement marking - white for stop.
U. Relocate existing D-3(1) sign as shown.
V. Replace existing signal head.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All traffic signal foundations shall be installed at final sidewalk or curb grade for closed sections, highest roadway profile grade for open sections to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. Revision 'H' is a revision to the traffic signal built in July, 1966 under S.H.A. Contract No.: BA766A51.
5. 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.

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

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

The Traffic Group
The Traffic Group, Inc.
410-931-6600
Fax 410-931-6601

REVISIONS

H	Reconstruct signal due to geometric changes S.H.A. No.:BW996M82 FDB	08/04/06
G	Change NB Greenspring Ave LT at MD 133 EXCL To E/R LT S.H.A. No.:BW996M82 GCP DNP	05/19/03
F	Add exclusive movement add overlap RT off NB MD 133 S.H.A. No.:BW996M82 BRD	06/13/02
E	Redesign signal due to geometric changes S.H.A. No.:BW996M82	02/2000

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

Greenspring Avenue at MD 133 (Old Court Road)

DRAWN BY:	T. White	F.A.P. NO.	N/A	TS NO. 3580-H	SHEET NO.
CHECKED BY:		S.H.A. NO.	BA766A51		
SCALE:	1" = 20'	COUNTY:	Baltimore	T.I.M.S. NO. H837	1 OF 4
DATE:	7/15/1966	LOG MILE:	0313301.69		

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