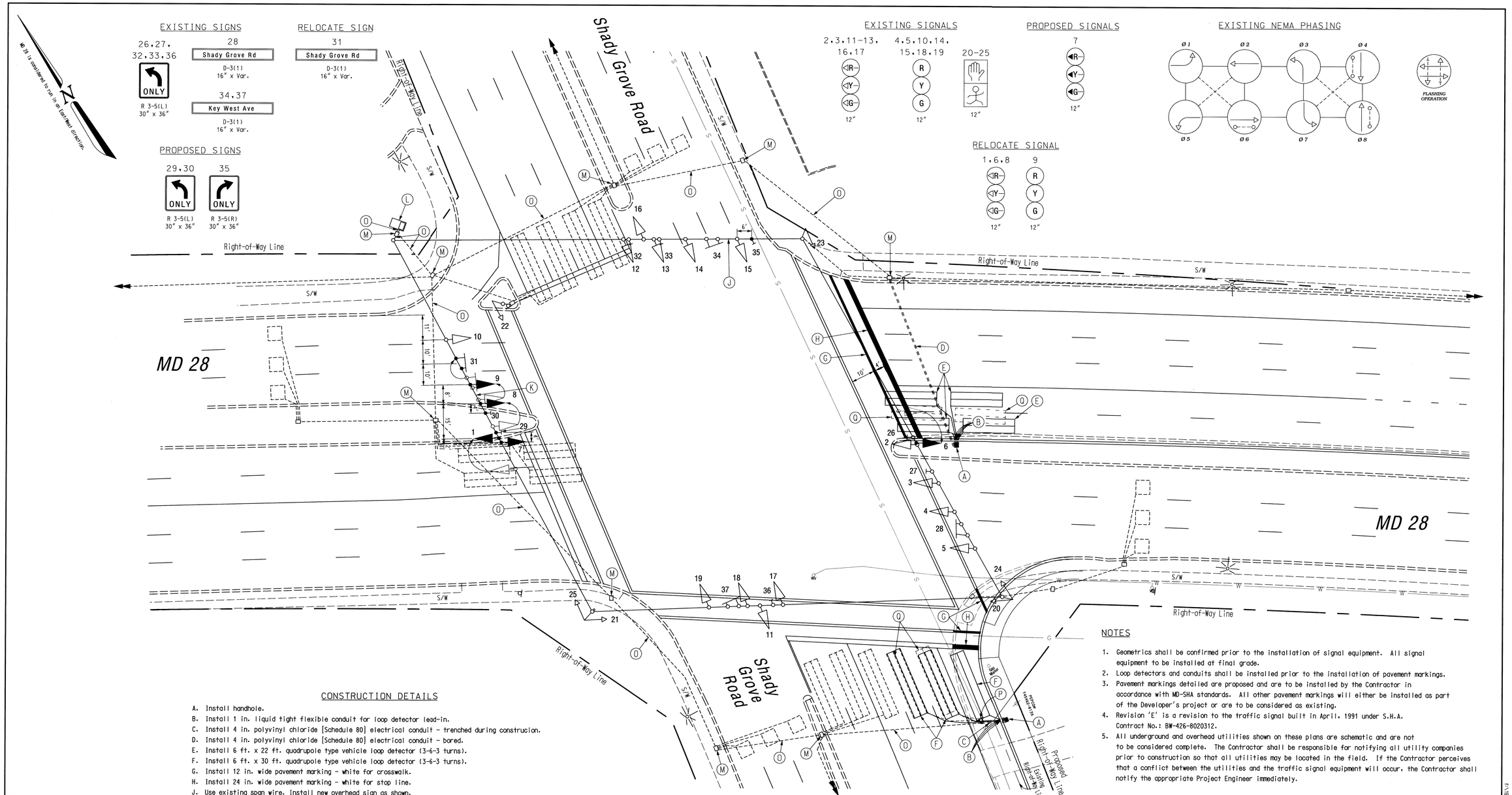

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
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 'E' is a revision to the traffic signal built in April, 1991 under S.H.A. Contract No.: BW-426-8020312.
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.

CONSTRUCTION DETAILS

A. Install handhole.
B. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
C. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched during construcion.
D. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
E. Install 6 ft. x 22 ft. quadrupole type vehicle loop detector (3-6-3 turns).
F. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
G. Install 12 in. wide pavement marking - white for crosswalk.
H. Install 24 in. wide pavement marking - white for stop line.
J. Use existing span wire. Install new overhead sign as shown.
K. Use existing span wire. Install/relocate signal heads and sign as shown. .
L. Use existing cabinet. Remove existing 2-conductor aluminum shielded cable and 7-conductor cable that are no longer being utilized.
M. Use existing handhole.
O. Use existing conduit.
P. Remove existing handhole. Extend existing conduit to new handhole with 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched during construction.
Q. Abandon existing loop detector.

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

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

Revision "E"

The Traffic Group

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

REVISIONS

(E) October 22, 2001
Create double left on WB MD 28; create right turn lane NB Shady Grove Rd.
S.H.A. No.:BW996M82
JES DAZ

APPROVALS

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

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)
MD 28 at Shady Grove Road

DRAWN BY:	T.E.L.	F.A.P. NO.	N/A	TS NO. 1189E	SHEET NO.
CHECKED BY:	B.C.M.	S.H.A. NO.	BW-426-8020312		
SCALE:	1" = 20'	COUNTY:	Montgomery	T.I.M.S. NO. E127	1 OF 2
DATE:	April, 1991	LOG MILE:	15028019.30		

f:\1999\990212\DES\004\des\sigplan.dgn 10/24/2001