US 1 Alt. Washington Blvd.) is considered to run in a North/South direction.

PROPOSED SIGNS

17,19	21	22,27	24,25	18a,20b	23,26	28 / 29
LEFT TURN YIELD ON GREEN		ONLY	ONLY	Lansdowne Rd	Washington Blvd	NORTH ALT 1 SOUTH / SOUTH ALT 1 NORTH
R 10-12 36" x 42"	R 3-6(L) 30" x 36"	R 3-5(R) 30" x 36"	R 3-5(L) 30" x 36"	D-3(2) 16" x Var. (Dual-faced) / 18b,20a: Lansdowne Rd, D-3(2) 16" x Var. (Dual-faced)	D-3(2) 16" x Var.	M95-1 24" x 78"

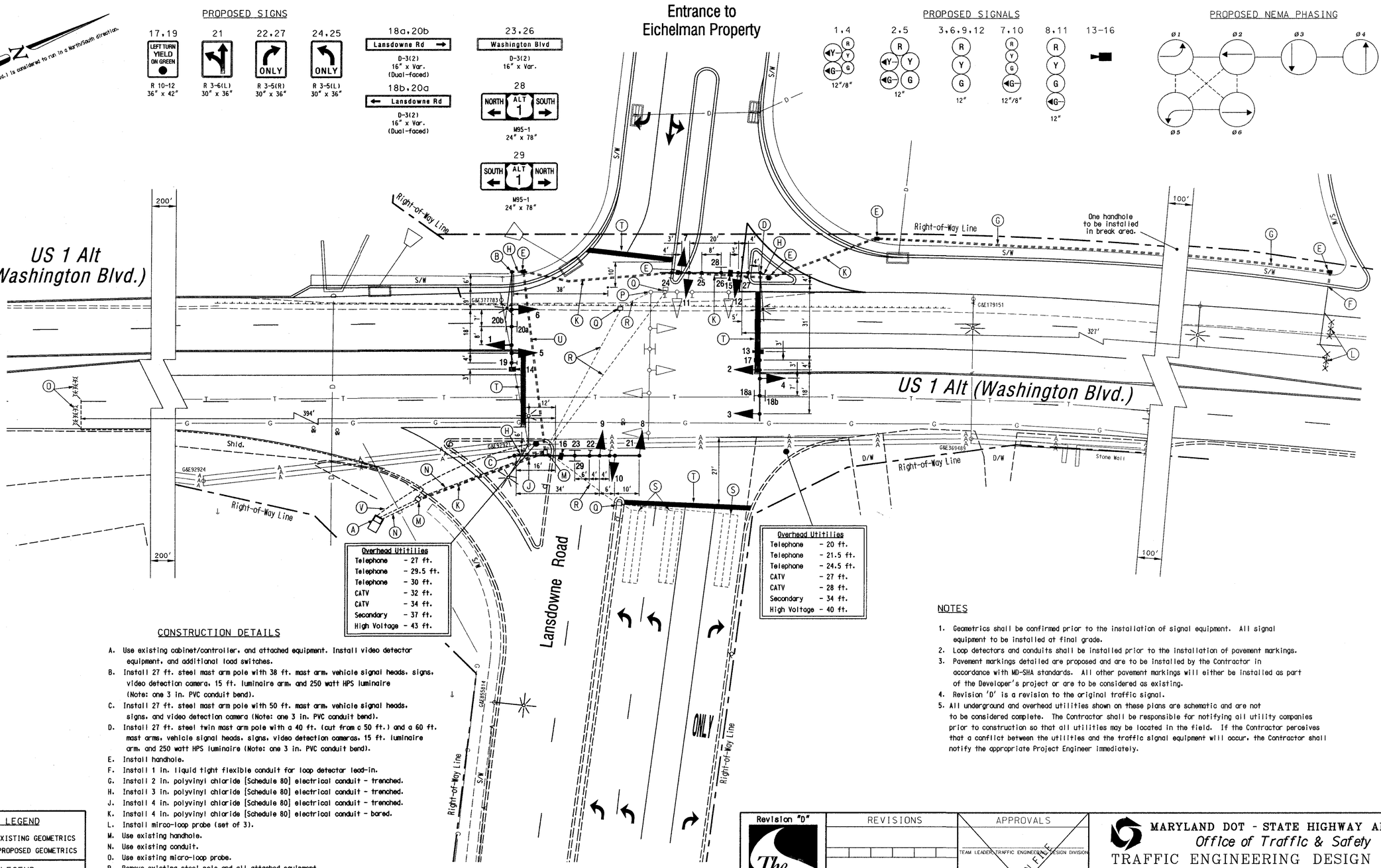
PROPOSED SIGNALS

1,4	2,5	3,6,9,12	7,10	8,11	13-16
R Y G	R Y G	R Y G	R Y G	R Y G	
12"/8"	12"	12"	12"/8"	12"	

PROPOSED NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø5 Ø6

FLASHING OPERATION



CONSTRUCTION DETAILS

A. Use existing cabinet/controller, and attached equipment. Install video detector equipment, and additional load switches.
B. Install 27 ft. steel mast arm pole with 38 ft. mast arm, vehicle signal heads, signs, video detection camera, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
C. Install 27 ft. steel mast arm pole with 50 ft. mast arm, vehicle signal heads, signs, and video detection camera (Note: one 3 in. PVC conduit bend).
D. Install 27 ft. steel twin mast arm pole with a 40 ft. (cut from a 50 ft.) and a 60 ft. mast arms, vehicle signal heads, signs, video detection cameras, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
E. Install handhole.
F. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
G. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
J. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
K. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
L. Install mirco-loop probe (set of 3).
M. Use existing handhole.
N. Use existing conduit.
O. Use existing micro-loop probe.
P. Remove existing steel pole and all attached equipment.
Q. Remove existing handhole.
R. Cap and abandon existing conduit.
S. Abandon existing loop detectors.
T. Install 24 in. wide pavement marking - white for stop line.
U. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
V. Existing underground electrical and phone service.

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 'D' is a revision to the original traffic signal.
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	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
D	STORM DRAIN
A	AERIAL CABLES
T	TELEPHONE CABLES

Revision "D"

The Traffic Group

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

REVISIONS	
D	Rebuild signal, add fourth leg to intersection. S.H.A. No.:BW9964B — May 6, 2002
FDB	

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)

US 1 Alt (Washington Blvd.) at Lansdowne Rd.

DRAWN BY:	W. Richardson	F.A.P. NO.	N/A	TS NO.	465D
CHECKED BY:		S.H.A. NO.	N/A	SHEET NO.	1 OF 2
SCALE:	1" = 20'	COUNTY:	Baltimore	T.I.M.S. NO.	F052
DATE:		LOG MILE:	03400102.33		