Old Washington Rd. is considered to run in a North/South direction.

EXISTING SIGNS

12,13

Acton LN

D-3(1)
16" x Var.

14,15

Old Washington RD

D-3(1)
16" x Var.

PROPOSED SIGNS

16 — R 3-5(R) 30" x 36" — ONLY

17 — R 3-5(L) 30" x 36" — ONLY

EXISTING SIGNALS

4,7 — R, Y, G — 8"

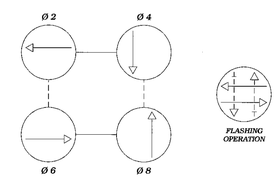
2,3,10,11 — R, Y, G — 12"

PROPOSED SIGNALS

1 — R, Y, G — 8"

5,6,8,9 — R, Y, G — 12"

EXISTING NEMA PHASING



NEMA notes:
Phases associated by a dashed line will operate concurrently.
Phases associated by a solid line will not operate concurrently.

CONSTRUCTION DETAILS

A. Install 21 ft. steel mast arm pole [cut from a 27 ft. pole] with 60 ft. mast arm, vehicle signal heads, and signs (Note: one 3 in. PVC conduit bend).
B. Install handhole.
C. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
D. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored under sidewalk.
E. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
F. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
G. Install 24 in. wide pavement marking - white for stop line.
H. Use existing handhole.
J. Use existing conduit.
K. Use existing cabinet.
L. Abandon existing loop detector.
M. Cap and abandon existing conduit.
N. Remove existing mast arm pole and all attached equipment.
O. Remove existing handhole.
P. Pavement marking symbol installed by others.
Q. Pavement marking symbol removed by others.

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 'A' is a revision to the traffic signal built in (January, 1996) under S.H.A. Contract No.: BW 876-802-512.
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

NOTE:
All existing signal wire and aluminum shielded cable being abandoned or not being utilized shall be removed after new equipment is installed and activated.

All new pavement markings are to be installed by others.

Revision "A"

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

REVISIONS

A Widen south and west legs. Relocate signal pole in SW corner.
S.H.A. No.:BW396M82 May 13, 2005
JES WM

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)

Old Washington Road at Acton Lane

DRAWN BY:	S. R. Baranowski	F.A.P. NO.	N/A
CHECKED BY:	R. R. Zacherl	S.H.A. NO.	BW876-802-512
SCALE:	1" = 20'	COUNTY:	Charles
DATE:	January 16, 1996	LOC MILE:	080.05 04.82

TS NO. 3648A
T.I.M.S. NO. 6923
SHEET NO. 1 OF 2

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