MD 223 is considered to run in a North/South direction.

EXISTING SIGNS

12a — Old Alexandria Ferry Rd →
D-3(1) 16" x Var. Dual Faced

13b — Dangerfield Road →

12b — ← Old Alexandria Ferry Rd
D-3(1) 16" x Var. Dual Faced

13a — ← Dangerfield Road

11 — ONLY
R 3-5(L) 30" x 36"

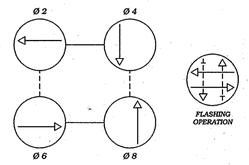
PROPOSED SIGN

14 — ONLY
R 3-5(L) 30" x 36"

EXISTING SIGNALS

1,8	2-7, 9,10
R	R
Y	Y
G	G
8"	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. Use existing base mounted cabinet/controller.
B. Use existing steel pole.
C. Use existing handhole.
D. Use existing conduit.
E. Use existing span wire.
F. Install handhole.
G. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
H. Install 1 in. galvanized steel conduit for loop detector lead-in.
J. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
K. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
L. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
M. Install 24 in. wide pavement marking - white for stop line.
N. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
O. Install non-invasive micro-loop probe (set of 3).
P. Install sign on existing span wire as shown.
Q. Abandon existing loop detector.
R. Cap and abandon existing conduit.
S. Remove existing handhole.
T. Use existing handhole. Splice new Loop Wire to Existing Shielded cable.
U. Use existing span wire and relocate existing signal head as shown.

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 'C' is a revision to the traffic signal built in January, 1980 under S.H.A. Contract No.: P-671-501-385.
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

Revision "C"

The Traffic Group
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REVISIONS

© December 12, 2006	Replace Loop Detectors due to new lane assignments. S.H.A. No. BW996M82
B September 24,1997	Recut EB loop detector. S.H.A. No.:BW996M82

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 223 at Alexandria Ferry Road/Dangerfield Road

DRAWN BY:	R.E.A. & P.T.R.	F.A.P. NO.	N/A	TS NO.	SHEET NO.
CHECKED BY:	J.W.H.	S.H.A. NO.	P-671-501-385	1747-C	
SCALE:	1" = 20'	COUNTY:	Prince George's	T.I.M.S. NO.	1 OF 2
DATE:	January 30, 1980	LOG MILE:	16022308.56	1216	

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