FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

SIGNALS

1,8 — R Y G — 8"

2-7,9,10 — R Y G — 12"

SIGNS

12 — ONLY — R 3-5(L) 30" x 36"

11a,11b — Old Alexandria Ferry Rd

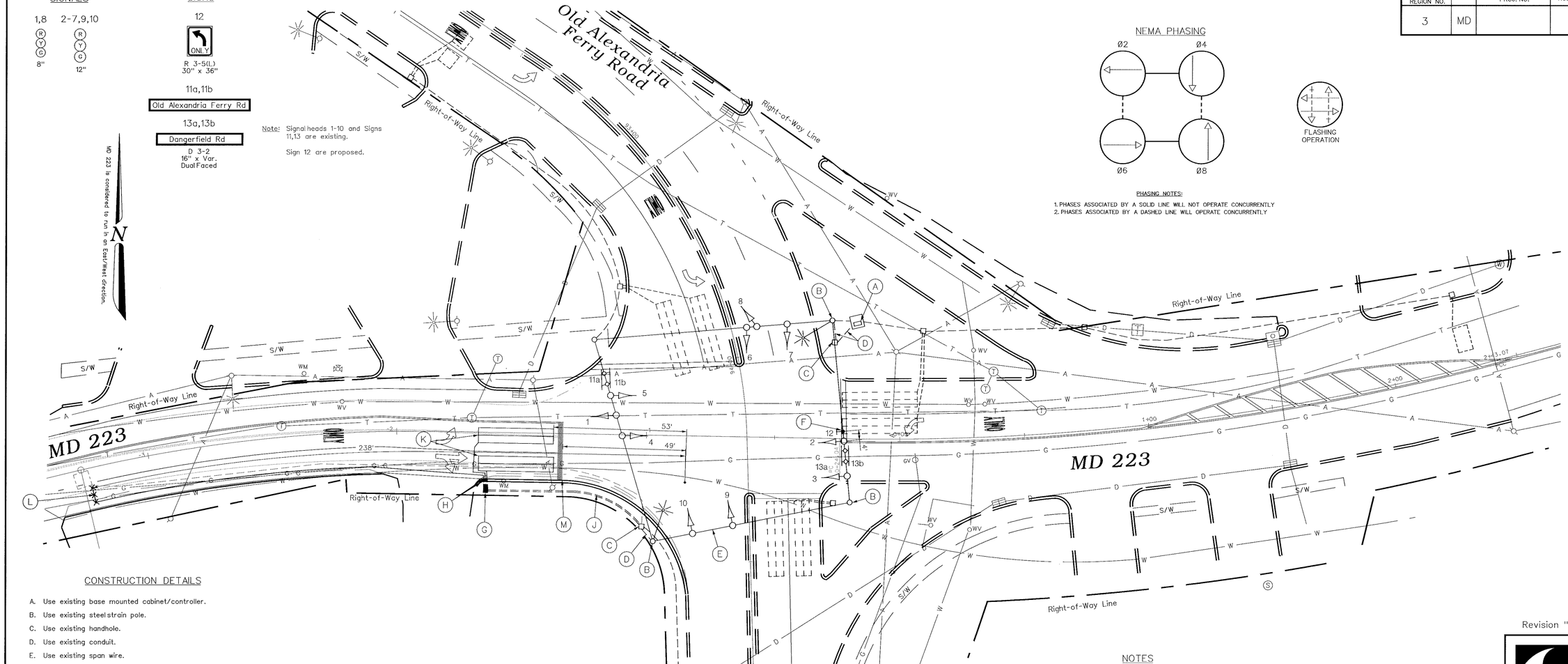
13a,13b — Dangerfield Rd — D 3-2 16" x Var. Dual Faced

Note: Signal heads 1-10 and Signs 11,13 are existing.

Sign 12 are proposed.

MD 223 is considered to run in an East/West direction.

N



NEMA PHASING

FLASHING OPERATION

PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

CONSTRUCTION DETAILS

A. Use existing base mounted cabinet/controller.
B. Use existing steel strain pole.
C. Use existing handhole.
D. Use existing conduit.
E. Use existing span wire.
F. Use existing span wire and install sign as shown.
G. Install handhole.
H. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
J. Install 2 in. polyvinyl chloride [Schedule 40] electrical conduit - trenched.
K. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns) (The final location may require adjustment based upon field located utilities).
L. Install micro-loop detector probe (set of 3).
M. Install 24 in. wide pavement marking - white for stop line.

NOTES

1. "D.O." indicates delay output loop detector.
2. Geometrics shall be confirmed prior to the installation of signal equiment.
3. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
4. Pavement markings detailed are proposed and are to be installed by the Traffic Signal Contractor in accordance with S.H.A. standards. All other pavement markings will be installed as part of the highway contract.
5. Revision 'B 'is a revision to the traffic signal built in January, 1980 under S.H.A. Contract No.: P-671-501-385.
6. 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.

Revision " B"

The Traffic Group
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SIGPLAN.DGN

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

REVISIONS

(B) September 24, 1997
Re-cut EB loop detector.
SHA NO. BW139M83
jid CET WMT 10-3-97
9/26/97

APPROVALS

ASST. DIVISION CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. DISTRICT ENGINEER - TRAFFIC
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

DRAWN BY: R.E.A. & P.T.R.
DES. BY: J.W.h.
CHK. BY: D.H.B.

(Traffic Signal Plan)
MD 223 at Dangerfield Rd/ Old Alexandria Ferry Rd

COUNTY: PRINCE GEORGE'S — LOG MILE • 16022308.56

DATE: January 30, 1980 — F.A.P. NO. N/A
SCALE: 1" = 20' — S.H.A. NO. P-671-501-385

TS/STD. NO. *1747B*

SHEET NO. 1 of 2