F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

BUS. MD 3 IS ASSUMED TO RUN IN A NORTH–SOUTH DIRECTION

EXISTING SIGNS

13,16,17,19 — R3–5L (30" X 36")

20 — R3–6 (30" X 36")

22 — R3–5L (30" X 36")

21 — D3–2 SIGN (VARIABLE X 32"): Crain Hwy. ⇨ / ⇦ New Cut Rd.

15,18 — D3–2 SIGN (VARIABLE X 16"): ⇦ Veterans Hwy.

12,14 — D3–2 SIGN (VARIABLE X 16"): Veterans Hwy. ⇨

PROPOSED SIGNS

23 — R3–5R (30" X 36")

24 — R3–5R (30" X 36")

NEMA PHASING

Ø 1, Ø 2, Ø 4, Ø 5, Ø 6, FLASHING OPERATION

EXISTING SIGNALS

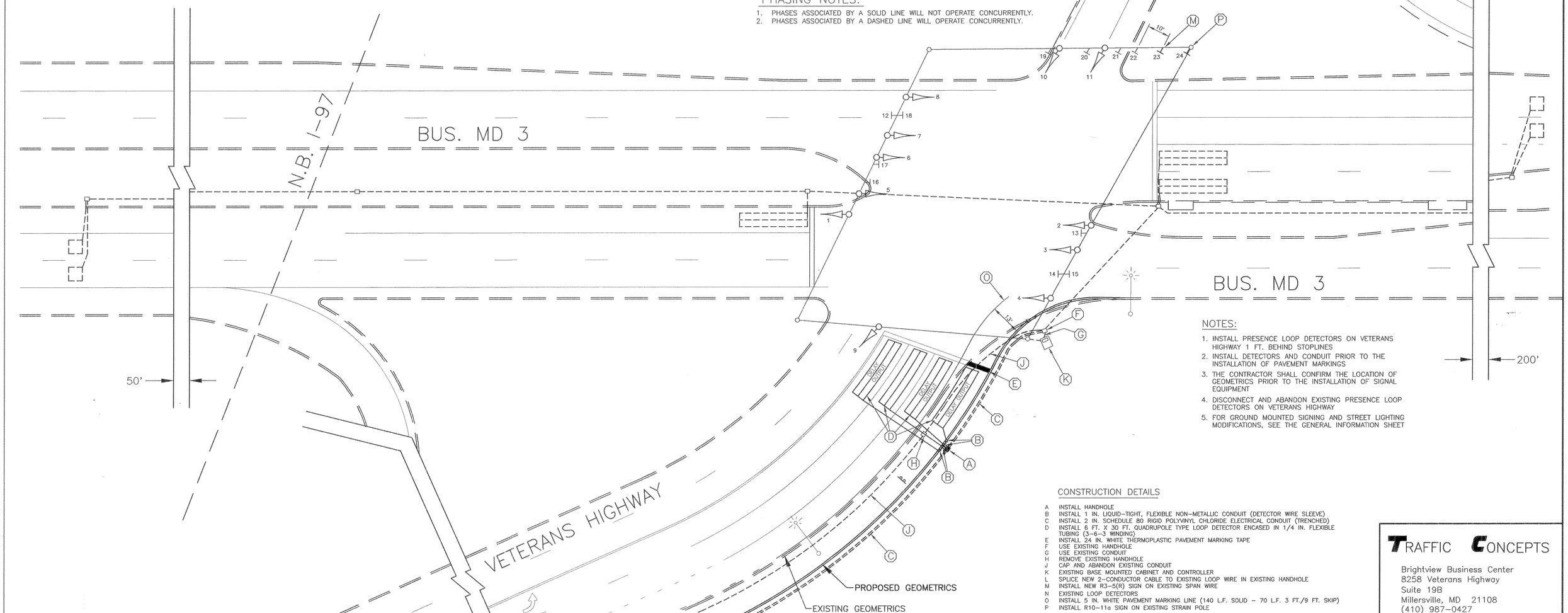
1,2,5,6 — 12"

3,4,7–10 — 12"

11 — 12"

PHASING NOTES:

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



NOTES:

1. INSTALL PRESENCE LOOP DETECTORS ON VETERANS HIGHWAY 1 FT. BEHIND STOPLINES
2. INSTALL DETECTORS AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS
3. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT
4. DISCONNECT AND ABANDON EXISTING PRESENCE LOOP DETECTORS ON VETERANS HIGHWAY
5. FOR GROUND MOUNTED SIGNING AND STREET LIGHTING MODIFICATIONS, SEE THE GENERAL INFORMATION SHEET

CONSTRUCTION DETAILS

A INSTALL HANDHOLE
B INSTALL 1 IN. LIQUID–TIGHT, FLEXIBLE NON–METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
C INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
D INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3–6–3 WINDING)
E INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE
F USE EXISTING HANDHOLE
G USE EXISTING CONDUIT
H REMOVE EXISTING HANDHOLE
J CAP AND ABANDON EXISTING CONDUIT
K EXISTING BASE MOUNTED CABINET AND CONTROLLER
L SPLICE NEW 2–CONDUCTOR CABLE TO EXISTING LOOP WIRE IN EXISTING HANDHOLE
M INSTALL NEW R3–5(R) SIGN ON EXISTING SPAN WIRE
N EXISTING LOOP DETECTORS
O INSTALL 5 IN. WHITE PAVEMENT MARKING LINE (140 L.F. SOLID – 70 L.F. 3 FT./9 FT. SKIP)
P INSTALL R10–11a SIGN ON EXISTING STRAIN POLE

TRAFFIC CONCEPTS
Brightview Business Center
8258 Veterans Highway
Suite 19B
Millersville, MD 21108
(410) 987–0427

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE — A
ELECTRICAL — E
TELEPHONE — T
GAS — G
SEWER — S
WATER — W
CABLE TV — TV

REVISIONS	APPROVALS	REVISIONS
8 — 8–13–98 REPLACE DETECTION DUE TO GEOMETRIC IMPROVEMENTS Bw996m82 TMZ	ASSISTANT DIVISION CHIEF — ASST. DISTRICT ENGINEER, TRAFFIC — CHIEF, TRAFFIC ENG. DESIGN DIV. — DIR., OFFICE OF TRAFFIC AND SAFETY	

ORIGINAL ON FILE

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

TRAFFIC SIGNALIZATION PLAN
BUS. MD 3 AND VETERANS HIGHWAY

DATE: NOV. 1986	DRAWN BY: C.L.D.	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
SCALE: 1"=20'	DESIGNED BY: P.A.H.	S.H.A. NO.	Bw996m82	TS–2194B	____ OF ____
APPROVED BY:	CHECKED BY: D. DODA	COUNTY	ANNE ARUNDEL		