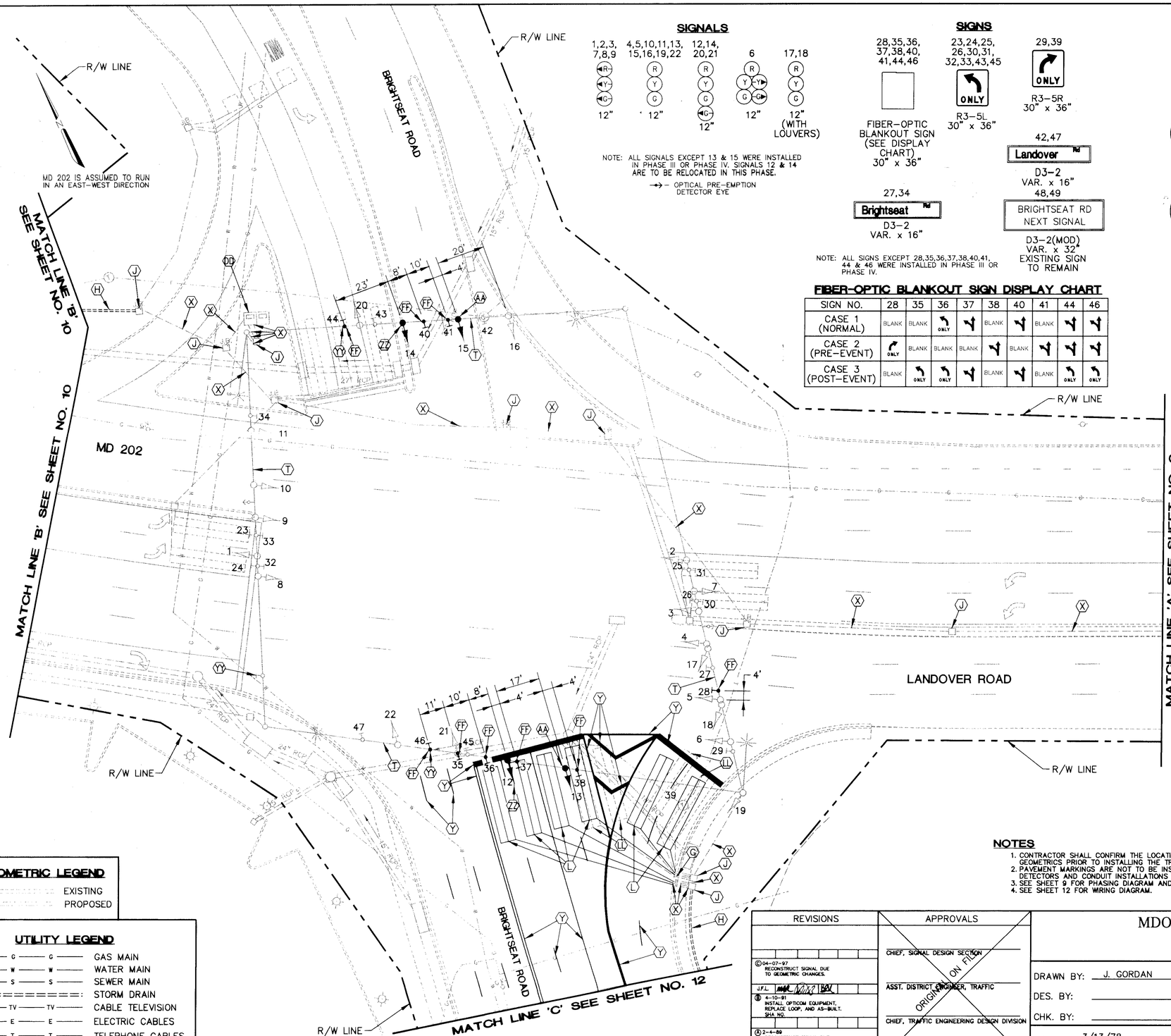
FHWA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.		8	12



SIGNALS

NOTE: ALL SIGNALS EXCEPT 13 & 15 WERE INSTALLED IN PHASE III OR PHASE IV. SIGNALS 12 & 14 ARE TO BE RELOCATED IN THIS PHASE.

→ – OPTICAL PRE-EMPTION DETECTOR EYE

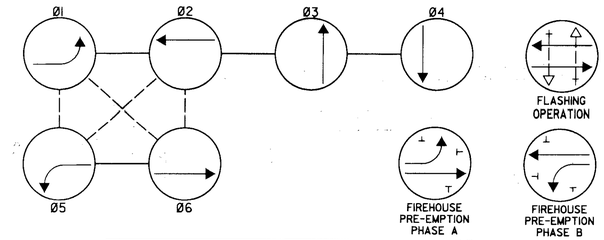
SIGNS

NOTE: ALL SIGNS EXCEPT 28,35,36,37,38,40,41, 44 & 46 WERE INSTALLED IN PHASE III OR PHASE IV.

FIBER-OPTIC BLANKOUT SIGN DISPLAY CHART

SIGN NO.	28	35	36	37	38	40	41	44	46
CASE 1 (NORMAL)	BLANK	BLANK	ONLY		BLANK		BLANK		
CASE 2 (PRE-EVENT)	ONLY	BLANK	BLANK	BLANK		BLANK			
CASE 3 (POST-EVENT)	BLANK	ONLY	ONLY		BLANK		BLANK	ONLY	ONLY

NEMA PHASING



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

- (AA) INSTALL TRAFFIC SIGNAL.
- (DD) COMPLETE CONNECTIONS IN EXISTING CABINET AND CONTROLLER AS REQUIRED.
- (E) INSTALL HANDHOLE.
- (FF) INSTALL SIGN.
- (G) INSTALL 1" NON-METALLIC LIQUID TIGHT FLEXIBLE CONDUIT SLEEVE FOR DETECTOR WIRING.
- (H) INSTALL 2" P.V.C. (SCHEDULE 40) ELECTRICAL CONDUIT (TRENCHED).
- (J) USE EXISTING HANDHOLE.
- (JJ) USE EXISTING HANDHOLE. USE LEAD-IN CABLE INSTALLED IN PHASE II OR PHASE IV.
- (L) INSTALL 6' X 30' LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (3-6-3), QUADRUPOLE TYPE.
- (LL) ABANDON LOOP DETECTOR INSTALLED IN PHASE IV.
- (P) INSTALL 6' X 20' QUEUING LOOP DETECTOR. (4 TURNS).
- (Q) INSTALL 6' X 6' SAMPLING LOOP DETECTOR. (4 TURNS).
- (T) ATTACH CABLE TO EXISTING SPAN WIRE.
- (X) USE EXISTING CONDUIT.
- (Y) PAVEMENT MARKINGS (AS SHOWN ON PAVEMENT MARKING PLAN).
- (YY) REMOVE SIGN INSTALLED IN PHASE III OR PHASE IV.
- (Z) INSTALL 2" P.V.C. (SCHEDULE 80) ELECTRICAL CONDUIT (TRENCHED).
- (ZZ) RELOCATE SIGNAL HEAD INSTALLED IN PHASE IV.

NOTES

1. CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING THE TRAFFIC SIGNAL EQUIPMENT.
2. PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATIONS ARE COMPLETE.
3. SEE SHEET 9 FOR PHASING DIAGRAM AND EQUIPMENT LIST.
4. SEE SHEET 12 FOR WIRING DIAGRAM.

GEOMETRIC LEGEND

- EXISTING
- PROPOSED

UTILITY LEGEND

G G	GAS MAIN
W W	WATER MAIN
S S	SEWER MAIN
	STORM DRAIN
TV TV	CABLE TELEVISION
E E	ELECTRIC CABLES
T T	TELEPHONE CABLES
A A	AERIAL CABLES

REVISIONS	APPROVALS
(C) 04-07-97 RECONSTRUCT SIGNAL DUE TO GEOMETRIC CHANGES. J.F.L.	CHIEF, SIGNAL DESIGN SECTION
(B) 4-10-91 INSTALL OPTICOM EQUIPMENT, REPLACE LOOP, AND AS-BUILT. SHA NO.	ASST. DISTRICT ENGINEER, TRAFFIC
(A) 2-4-88 RECONSTRUCT SIGNAL DUE TO GEOMETRIC CHANGES. SHA NO. BW-230-802-312	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

FINAL TRAFFIC SIGNAL

REVISION "C"
A/E GROUP, INC.
ENGINEERS • PLANNERS
181 East Main Street
Westminster, Maryland 21158
A/E Job No. 96-316

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

SIGNAL • 16020210.05

DRAWN BY: J. GORDAN
DES. BY:
CHK. BY:

MD 202 (LANDOVER RD.) AND BRIGHTSEAT RD.

COUNTY: PRINCE GEORGE'S

DATE: 3/13/78
SCALE: 1" = 20'
F.A.P. NO. T-8006 (26)
S.H.A. NO. P-346-1-385
TS/STD. NO. 880 C
SHEET NO. 8 OF 12