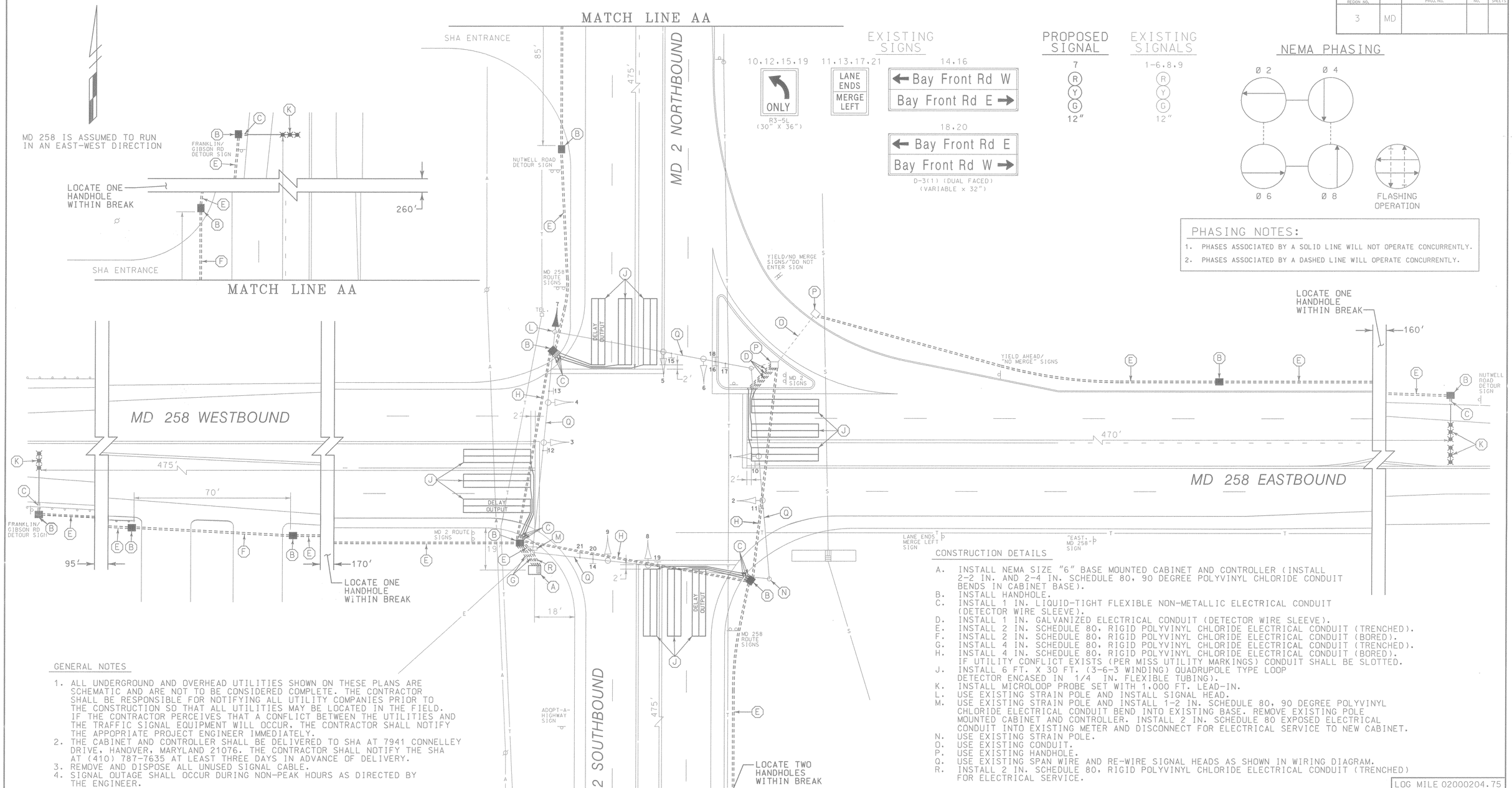
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			



EXISTING SIGNS

10.12.15.19

R3-5L (30" X 36")

11.13.17.21

14.16

18.20

D-3(1) (DUAL FACED) (VARIABLE x 32")

PROPOSED SIGNAL

7

12"

EXISTING SIGNALS

1-6.8.9

12"

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

A. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS IN CABINET BASE).
B. INSTALL HANDHOLE.
C. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
D. INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
E. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
F. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
G. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
H. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED). IF UTILITY CONFLICT EXISTS (PER MISS UTILITY MARKINGS) CONDUIT SHALL BE SLOTTED.
J. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING).
K. INSTALL MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN.
L. USE EXISTING STRAIN POLE AND INSTALL SIGNAL HEAD.
M. USE EXISTING STRAIN POLE AND INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND INTO EXISTING BASE. REMOVE EXISTING POLE MOUNTED CABINET AND CONTROLLER. INSTALL 2 IN. SCHEDULE 80 EXPOSED ELECTRICAL CONDUIT INTO EXISTING METER AND DISCONNECT FOR ELECTRICAL SERVICE TO NEW CABINET.
N. USE EXISTING STRAIN POLE.
O. USE EXISTING CONDUIT.
P. USE EXISTING HANDHOLE.
Q. USE EXISTING SPAN WIRE AND RE-WIRE SIGNAL HEADS AS SHOWN IN WIRING DIAGRAM.
R. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR ELECTRICAL SERVICE.

LOG MILE 02000204.75

GENERAL NOTES

1. 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 THE 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 APPOPRIATE PROJECT ENGINEER IMMEDIATELY.
2. THE CABINET AND CONTROLLER SHALL BE DELIVERED TO SHA AT 7941 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7635 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.
3. REMOVE AND DISPOSE ALL UNUSED SIGNAL CABLE.
4. SIGNAL OUTAGE SHALL OCCUR DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

WR&A
Whitman, Requardt and Associates
Engineers and Planners
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS		APPROVALS	REVISIONS
D FULLY ACTUATE INTERSECTION	5/98	ASSISTANT DIVISION CHIEF	
NMW		ASST. DISTRICT ENGINEER, TRAFFIC	
C REDRAWN	8/88	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
WM		DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 258 AND MD 2

DATE: 11-71	DRAWN BY: J.GORDON	F.A.P. NO. 92032		PLAN SHEET NO.:	SHEET NO.
SCALE: 1"= 20'	DESIGNED BY:	S.H.A. NO. AW&ASC/BSC		TS-470D	1 OF 2
APPROVED BY:	CHECKED BY: J.SPENCE	COUNTY ANNE ARUNDEL			