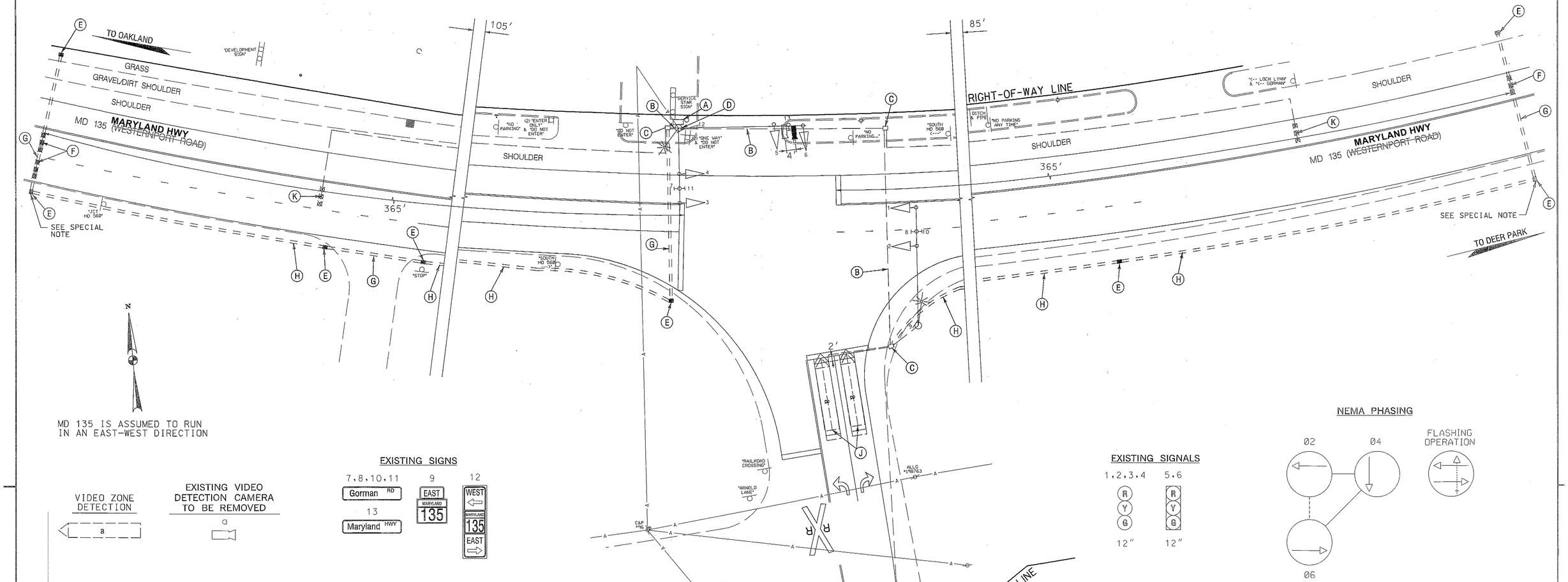

MD 135 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

VIDEO ZONE DETECTION

EXISTING VIDEO DETECTION CAMERA TO BE REMOVED

EXISTING SIGNS

7,8,10,11 Gorman RD

13 Maryland HWY

9 EAST MARYLAND 135

12 WEST MARYLAND 135 EAST

EXISTING SIGNALS

1,2,3,4 R Y G 12"

5,6 R Y G 12"

NEMA PHASING

02 04 06

FLASHING OPERATION

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

PROPOSED VIDEO DETECTION CAMERA

VIDEO ZONE DETECTION

CONSTRUCTION DETAILS

A. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).

B. USE EXISTING CONDUIT.

C. USE EXISTING HANDHOLE.

D. USE EXISTING MAST ARM. REMOVE EXISTING VIDEO CAMERA AND CABLE. INSTALL OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON MAST ARM AS SHOWN.

E. INSTALL HANDHOLE.

F. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT (IN THRU LANES ONLY).

G. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.

H. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

J. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.

K. ABANDON EXISTING PROBES. DISCONNECT AND REMOVE PROBE CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.

GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
2. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

SPECIAL NOTE:

INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES. EXTEND CONDUIT A MINIMUM OF 2 IN. AND MAXIMUM OF 3 IN. INTO HANDHOLE.

TOD NO: XX424-09
SHA NO: GA398A51/B51
MD 135 @ MD 560

WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MARYLAND HWY
MD 135 (WESTERN PORT ROAD) AT MD 560 (GORMAN ROAD)
MOUNTAIN LAKE PARK, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 2/1989 CONTRACT NO. B-818-502-471

DESIGNED BY J. GORDON
DRAWN BY J. GORDON
CHECKED BY A. BRUDINECHECK
F.A.P. NO.
COUNTY Garrett
LOGMILE 110.25 to 1.47
TIMS NO. K442
TOD NO.

TS NO. 1266 C | DRAWING TSP-1 OF 2 | SHEET NO. 1 OF 2

APPROVALS: TEAM LEADER / ASST. DIV. CHIEF / DIVISION CHIEF / OFFICE DIRECTOR — ORIGINAL ON FILE

REVISIONS

D	VIDEO DETECTION UPGRADE CONTRACT SHA NO. XX4245185 TIMS # K442	LFW SMJ	10/29/2010
B	INSTALLATION OF VIDEO DETECTION OT 2007	LM JMC	08/2008
A	ASBUILT AND REPLACE SIDE STREET LOOP DETECTORS	MEL	7/91

GEOMETRIC LEGEND: EXISTING / PROPOSED

UTILITY LEGEND: SD STORM DRAIN; G GAS MAIN; W WATER MAIN; S SEWER MAIN; E ELECTRIC CABLES; A AERIAL CABLES; T TELEPHONE CABLES; F FIBER-OPTIC

PLOTTED: 10-29-2010
FILE: N:\31669-094\CADD\ps2G-P001_K442.dgn

BY: lweesche