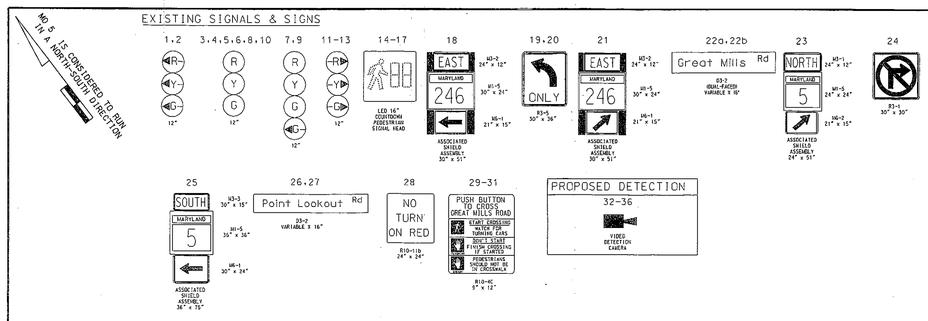
DRILL HOLES

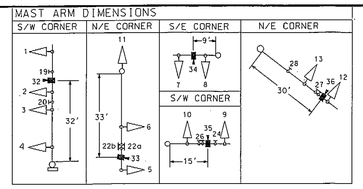
DRILL HOLES

DRILL HOLES

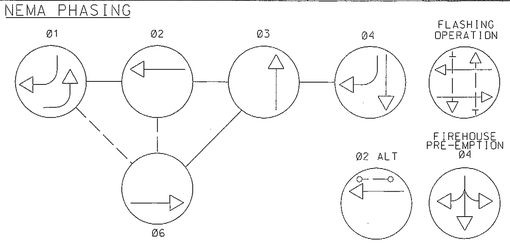
EXISTING SIGNALS & SIGNS



MAST ARM DIMENSIONS



NEMA PHASING



PHASING NOTES:

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

WIRING DIAGRAM

A-E = VIDEO DETECTION CABLE

PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

MS. KIMBERLY TRAN
ASSISTANT DISTRICT ENGINEER- TRAFFIC
PHONE: (410) 841-1003

MR. JOHN S. MAYS
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 841-1013

MR. MICHAEL HUBER
ASSISTANT DISTRICT ENGINEER - UTILITIES
PHONE: (410) 841-1039

MR. RICHARD DAFF
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7631

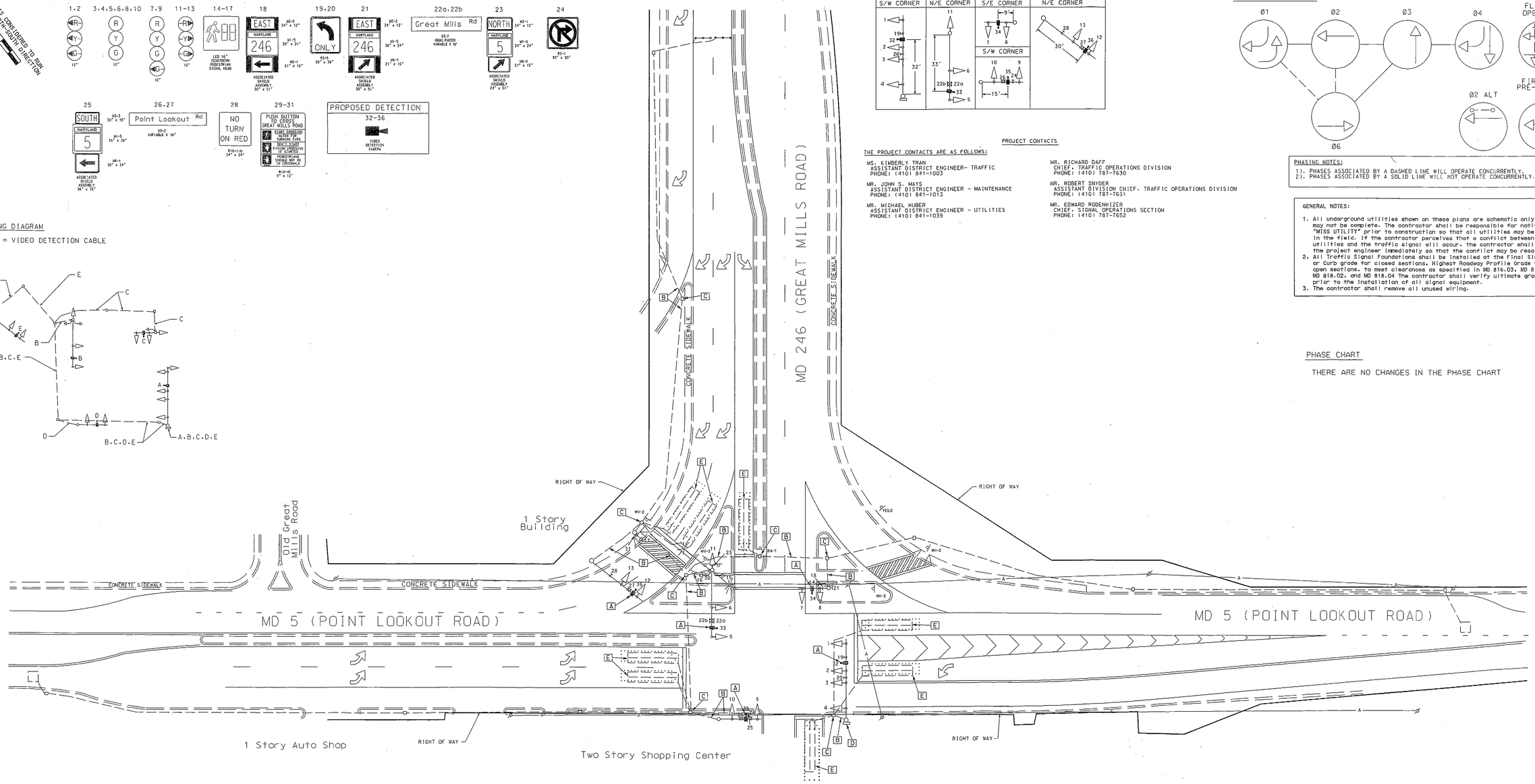
MR. EDWARD RODENHIZER
CHIEF, SIGNAL OPERATIONS SECTION
PHONE: (410) 787-7652

GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" 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 will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04 The contractor shall verify ultimate grades prior to the installation of all signal equipment.
3. The contractor shall remove all unused wiring.

PHASE CHART

THERE ARE NO CHANGES IN THE PHASE CHART



TOD No: XX356-11
SHA No: SM388K51
MD 5 @ MD 246/Commercial Entrance

CONSTRUCTION DETAILS:

A. INSTALL THE VIDEO DETECTION CAMERA ON THE EXISTING MAST ARM.
B. USE THE EXISTING CONDUIT.
C. USE THE EXISTING HANDHOLE.
D. THE SHA SIGNAL SHOP TO INSTALL THE VIDEO INTERFACE EQUIPMENT INTO THE EXISTING CONTROLLER CABINET.
E. DISCONNECT THE EXISTING LOOP DETECTOR.

EQUIPMENT LISTS

A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
* 9087	1 EACH	VIDEO INTERFACE EQUIPMENT: 5-8 CAMERAS

B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8006	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT
8007	5 EACH	F & I VIDEO DETECTION CAMERA & CABLE

* - To be installed by the SHA Signal Shop

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

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

REVISIONS

REV.	DRN.	CHK.	DES.	CHK.	DES.
D. 2/23/2007 - Install new signal equipment due to pole knock-down. SHA No. AT9095185; TIMS No. 1465					
2075	JA	DAE	MAR	WLH	JM
E. 10/2002 - Signal modification. Provided peds signals along East leg; SHA No. XX10654851 TIMS No. F437					
REP.	WRH	MAR	DAE	BRK	
C. 02/2000 - Provide video detection for the entire intersection					
SHA No. XX3565168; TIMS No. J645					

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 5 (POINT LOOKOUT ROAD) AND MD 246 (GREAT MILLS ROAD)/ COMMERCIAL ENTRANCE
GREAT MILLS, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 30' DATE 05/09/1985 CONTRACT NO. 860-18001

DESIGNED BY D. DISTANCE
DRAWN BY B. SMITH
CHECKED BY S. RENZI
F.A.P. NO.

COUNTY ST. MARY'S
LOGMILE 18000519.14
TIMS NO. J645
TOD NO.

TS NO. 2071G | DRAWING NO. 1 OF 1 | SHEET NO. OF