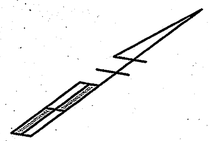


MD 3 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 3 AND JOHNS HOPKINS ROAD /EVERGREEN ROAD IN ANNE ARUNDEL COUNTY. MD 3 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A SIX-PHASE FULLY-ACTUATED MODE WITH SPLIT SIDE STREET PHASING.

PROJECT CONSTRUCTION

WORK WILL INCLUDE INSTALLING REVISING THE WESTBOUND JOHNS HOPKINS LANE USAGE REQUIRING SIGNING CHANGES AND DETECTOR REPLACEMENT.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE SHA.

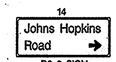
QUANTITY	DESCRIPTION
NONE	

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO THE OOTS FOR APPROVAL PRIOR TO INSTALLATION.

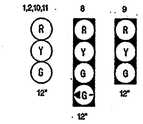
QUANTITY	DESCRIPTION
LS	MAINTENANCE OF TRAFFIC
36 LF	FURNISH AND INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
1 EA	FURNISH AND INSTALL VIDEO DETECTION CABLE, 200 FT.
1 EA	FURNISH AND INSTALL VIDEO DETECTION CAMERA
1 EA	FURNISH AND INSTALL R3-5L SIGN (30"x36") - MAST ARM MOUNT
1 EA	RELOCATE EXISTING SIGN

EXISTING SIGNS

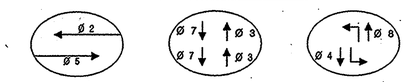


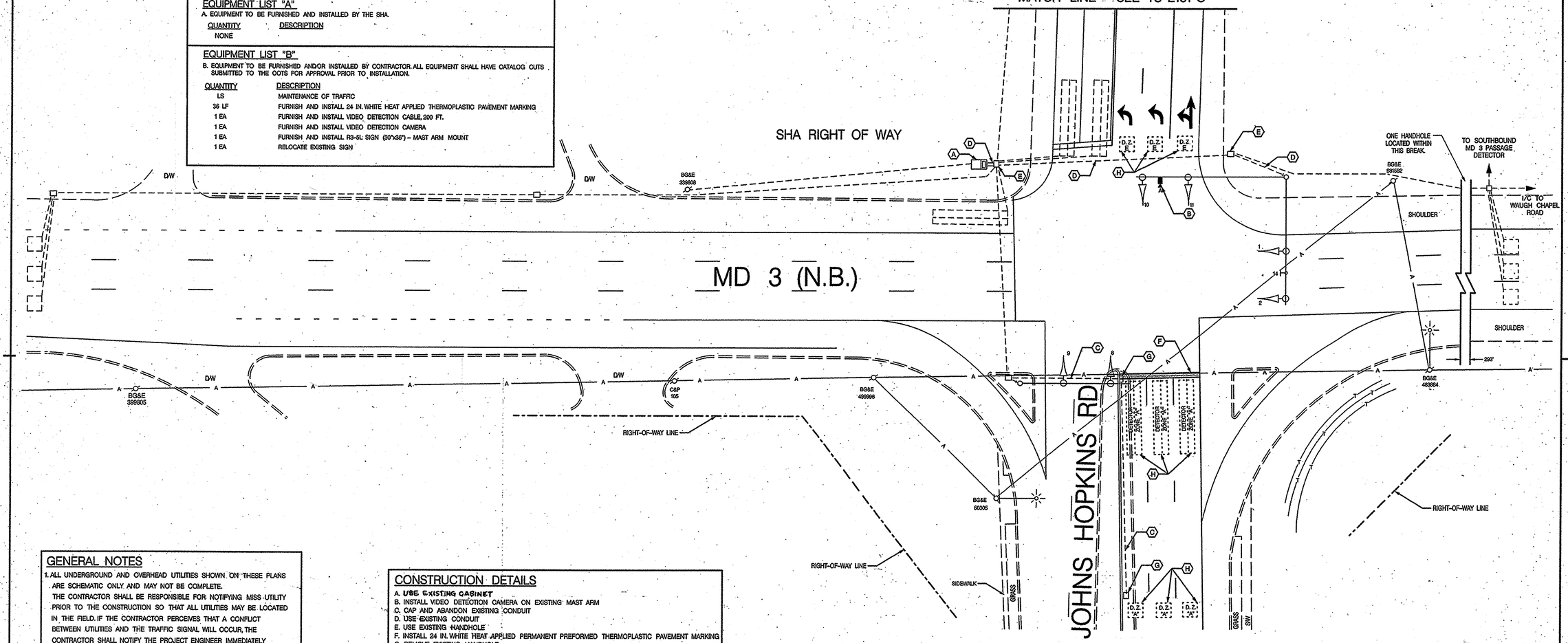
PROPOSED VIDEO DETECTION CAMERA

EXISTING SIGNALS



INTERSECTION PHASING





GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. INSTALL VIDEO DETECTION CABLE FROM THE PROPOSED VIDEO DETECTION CAMERA, ALONG THE MAST ARM, DOWN THE POLE THROUGH THE EXISTING CONDUIT TO THE EXISTING BASE MOUNTED CABINET.

CONSTRUCTION DETAILS

A. USE EXISTING CABINET
B. INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM
C. CAP AND ABANDON EXISTING CONDUIT
D. USE EXISTING CONDUIT
E. USE EXISTING HANDHOLE
F. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
G. REMOVE EXISTING HANDHOLE
H. VIDEO DETECTION ZONE

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101
FAX (410) 923-6473
EMAIL TRAFFIC.CONCEPTS@COMCAST.NET

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

C	2-28-07	REPLACE DETECTION DUE TO GEOMETRIC IMPROVEMENTS	SHA NO. BW-996M82
TMZ			
B	9-1-93	ADD 1/C AND AS BUILT	SHA NO. AA-549-501-576
RR2	SR		TH 9/14
A	7/31/89	ASBUILT AND MODIFIED DUE TO NEW GEOMETRICS	
UNKNOWN			

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN

MD 3 (NORTHBOUND) AND JOHNS HOPKINS RD.

SCALE	1"=20'	DATE	12/86
CONTRACT NO.	AA438-509-585		
DESIGNED BY	D. DISTANCE	COUNTY	ANNE ARUNDEL
DRAWN BY	J. KRATT DCD	LOGMILE	02000303.15
CHECKED BY		T.I.M.S. NO.	1183
F.A.P. NO.	N/A	TOD NO.	
DRAWING NO.	TS-2150C	SHEET NO.	1 OF 3

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