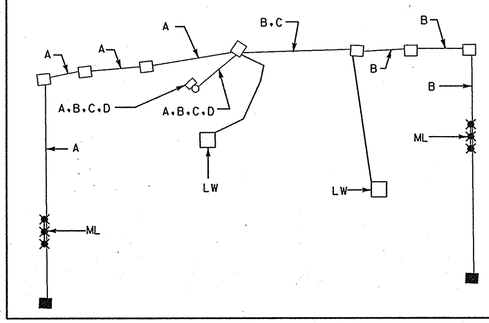
MD 22 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

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.

WIRING DIAGRAM



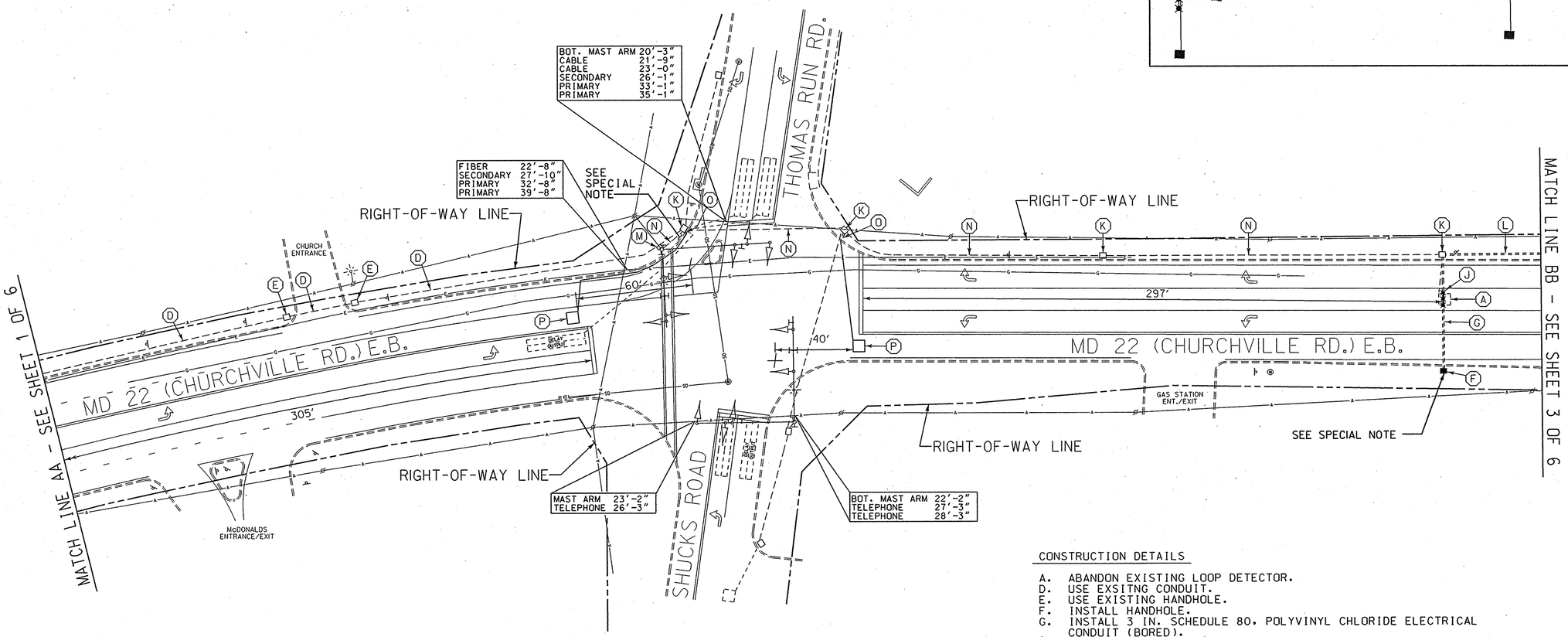
WIRING KEY

A, B — NONINVASIVE MICROLOOP PROBE LEAD-IN

C, D — 2 CONDUCTOR ELECTRICAL CABLE ALUMINUM SHIELDED (NO. 14 A.W.G.)

LW - LOOP WIRE (NO. 14 A.W.G.)

ML - NONINVASIVE MICROLOOP PROBE SET



CONSTRUCTION DETAILS

A. ABANDON EXISTING LOOP DETECTOR.
D. USE EXSITNG CONDUIT.
E. USE EXISTING HANDHOLE.
F. INSTALL HANDHOLE.
G. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
J. INSTALL NONINVASIVE DETECTOR WITH 1000 FOOT LEAD-IN CABLE.
K. USE EXISTING HANDHOLE. INSTALL 12-PAIR COMMUNICATION CABLE.
L. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED). INSTALL 12-PAIR COMMUNICATION CABLE.
M. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER. INSTALL 12 PAIR COMMUNICATION CABLE AND 2 IN. BLIND COUPLING IN BOTTOM OF POLE MOUNTED CABINET BY FIELD DRILLING HOLE INTO EXISTING STEEL POLE A MINIMUM OF 12 INCHES FROM EXISTING BLIND COUPLING.
N. USE EXISTING CONDUIT. INSTALL 12-PAIR COMMUNICATION CABLE.
O. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
P. INSTALL 6 FT. x 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.

GENERAL NOTE

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.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

IC-02

TOD No. AT720-12
SHA No.: HA317151/B51

WR&A
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801 South Caroline Street
Baltimore, Maryland 21231
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MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
INTERCONNECT PLAN
MD 22 FROM PROSPECT MILL ROAD
TO CAMP HILLS SHOPPING CENTER

DRAWN BY:	S. BLOSS	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:	N. LEARY	S.H.A. NO.	AT7205185		
SCALE:	1" = 30'	COUNTY:	HARFORD	T.I.M.S. NO.	
DATE:	11/17/2005	LOG MILE:		G779	2 OF 6

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