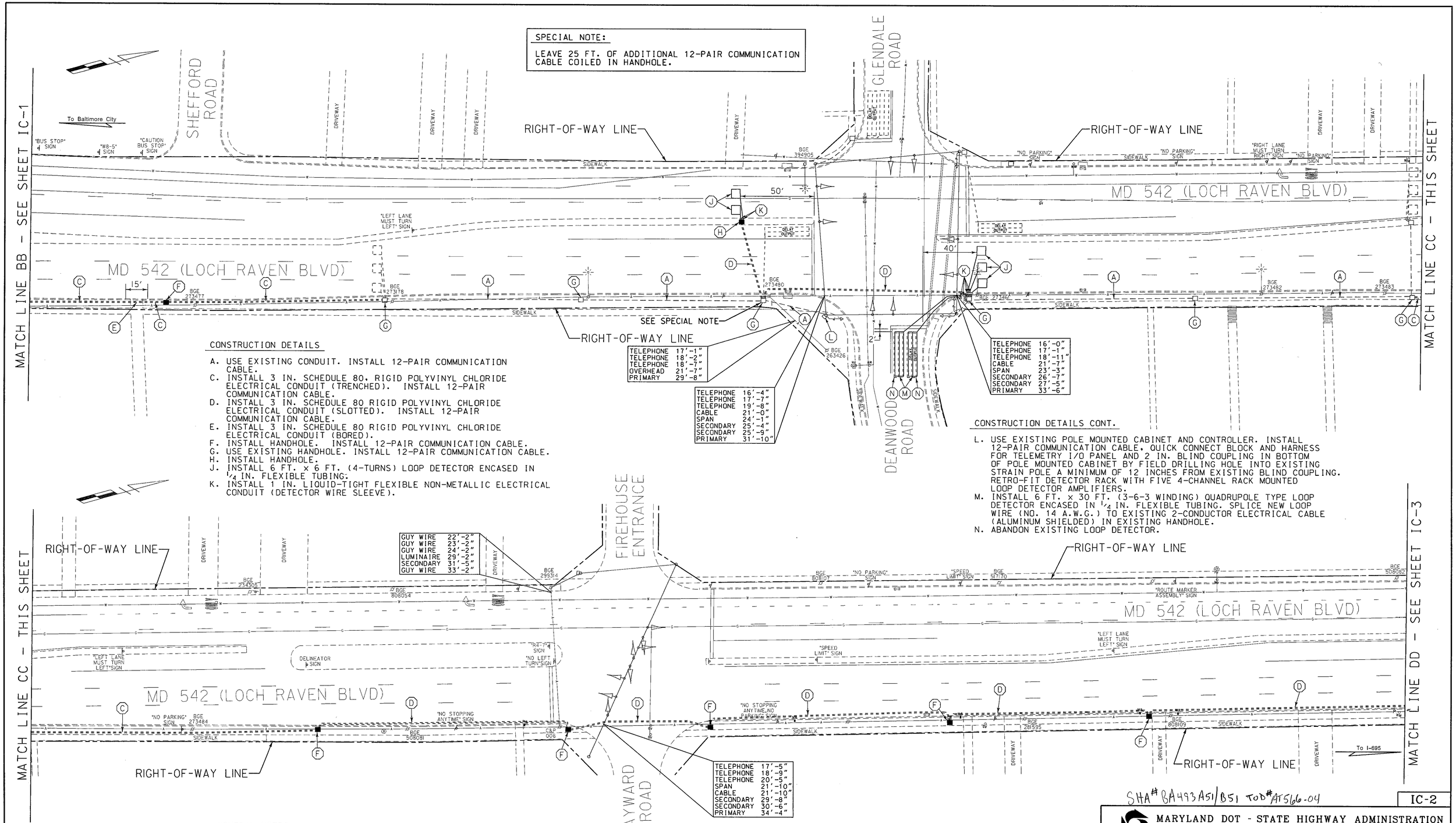
SPECIAL NOTE:

LEAVE 25 FT. OF ADDITIONAL 12-PAIR COMMUNICATION CABLE COILED IN HANDHOLE.



CONSTRUCTION DETAILS

A. USE EXISTING CONDUIT. INSTALL 12-PAIR COMMUNICATION CABLE.
C. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED). INSTALL 12-PAIR COMMUNICATION CABLE.
D. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED). INSTALL 12-PAIR COMMUNICATION CABLE.
E. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
F. INSTALL HANDHOLE. INSTALL 12-PAIR COMMUNICATION CABLE.
G. USE EXISTING HANDHOLE. INSTALL 12-PAIR COMMUNICATION CABLE.
H. INSTALL HANDHOLE.
J. INSTALL 6 FT. x 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
K. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

CONSTRUCTION DETAILS CONT.

L. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER. INSTALL 12-PAIR COMMUNICATION CABLE, QUICK CONNECT BLOCK AND HARNESS FOR TELEMETRY I/O PANEL AND 2 IN. BLIND COUPLING IN BOTTOM OF POLE MOUNTED CABINET BY FIELD DRILLING HOLE INTO EXISTING STRAIN POLE A MINIMUM OF 12 INCHES FROM EXISTING BLIND COUPLING. RETRO-FIT DETECTOR RACK WITH FIVE 4-CHANNEL RACK MOUNTED LOOP DETECTOR AMPLIFIERS.
M. INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING. SPLICE NEW LOOP WIRE (NO. 14 A.W.G.) TO EXISTING 2-CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED) IN EXISTING HANDHOLE.
N. ABANDON EXISTING LOOP DETECTOR.

GENERAL NOTES

1. PROPOSED HANDBOXES SHALL BE LOCATED AT A MAXIMUM OF 200 FT. APART.
2. 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.
3. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF SIGNAL EQUIPMENT.

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

SHA# BA493A51/B51 TOD# AT566-04

IC-2

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION
INTERCONNECT PLAN
MD 542 (LOCH RAVEN BLVD) FROM
HILLENDALE SHOPPING CTR TO LOCH HILL RD

WR&A
Whitman, Requardt and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

DRAWN BY:	B. DONOWAY	F.A.P. NO.	AC-CMG-STPG-0005(986)E	TS NO.	SHEET NO.
CHECKED BY:	N. LEARY	S.H.A. NO.	AT5665185		
SCALE:	1" = 30'	COUNTY:	BALTIMORE	T.I.M.S. NO.	2 OF 4
DATE:	9/14/2004	LOG MILE:		F841	

M:\3149230\f841ic02.dgn