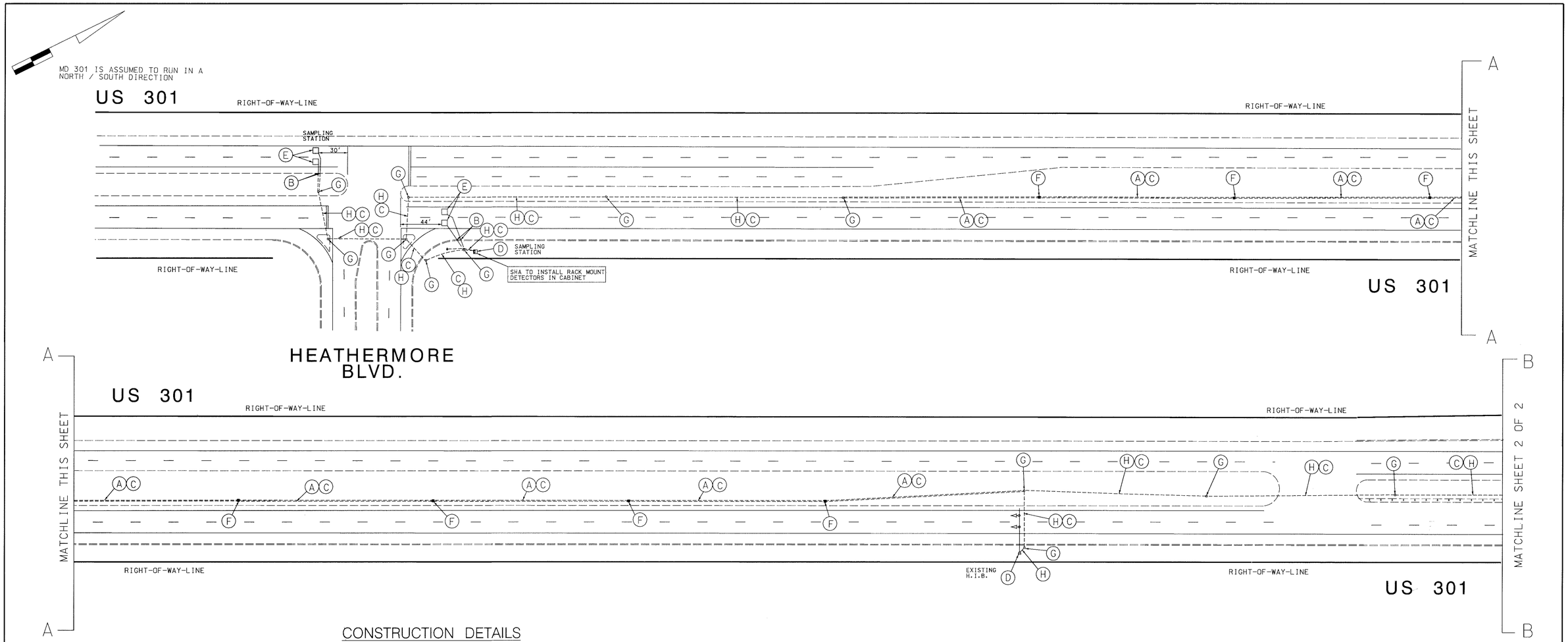

CONSTRUCTION DETAILS

A. INSTALL 2" SCHEDULE 80, POLYVINYL CHLORIDE CONDUIT-TRENCHED.
B. INSTALL 1" LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT FOR DETECTOR WIRE SLEEVE.
C. INSTALL 12 PAIR COMMUNICATION CABLE.
D. INSTALL 12 PAIR COMMUNICATION CABLE IN EXISTING CABINET AND TERMINATE CABLE.
E. INSTALL 6' X 6' (4 TURNS) LOOP DETECTOR FOR SAMPLING STATION.
F. INSTALL HANDHOLE.
G. USE EXISTING HANDHOLE.
H. USE EXISTING CONDUIT.
J. INSTALL 2 CONDUCTOR (ALUMINUM SHIELDED CABLE NO. 14 AWG) ONE CABLE PER LOOP DETECTOR.
K. INSTALL 4" SCHEDULE 80 PVC AND 4" PVC BEND, CONDUIT-BORED (TIE INTO EXISTING HANDHOLE).
L. USE EXISTING POLE MOUNTED CABINET, SHA WILL REMOVE CONTROLLER AND INSTALL RELAY PACKAGE AND TERMINAL STRIPS.
M. INSTALL TWO(2) PIECES OF 7 CONDUCTOR NO. 14 AWG CABLES AND TWO (2) PIECES OF 12 PAIR COMMUNICATION CABLES IN POLE/BASE MOUNTED CABINET.
N. INSTALL TWO(2) PIECES OF 7 CONDUCTOR NO. 14 AWG CABLES AND TWO (2) PIECES OF 12 PAIR COMMUNICATION CABLES IN EXISTING CONDUIT.
O. INSTALL MASTER CONTROLLER IN EXISTING BASE MOUNTED CABINET.

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

SABRA, WANG & ASSOCIATES, INC.
9881 BROKEN LAND PARKWAY
SUITE 105
COLUMBIA, MD 21046

REVISIONS	APPROVALS
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
(A) INTERCONNECT EXTENDED TO HEATHERMORE BLVD. SHA NO.: AW-2775185 MAY, 1999	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

INTERCONNECT PLAN

US 301 FROM HEATHERMORE BLVD. TO MD 382

DRAWN BY: WJ NIES (FOR STS)	F.A.P. NO.	TS NO. 2366XI-A	SHEET NO.
CHECKED BY: R R ZACHERAL	S.H.A. NO. AW5246A59/B59		
SCALE: 1"=50'	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO. C-805	1 OF 2
DATE: 3-14-88	LOG MILE: 16030110.34		