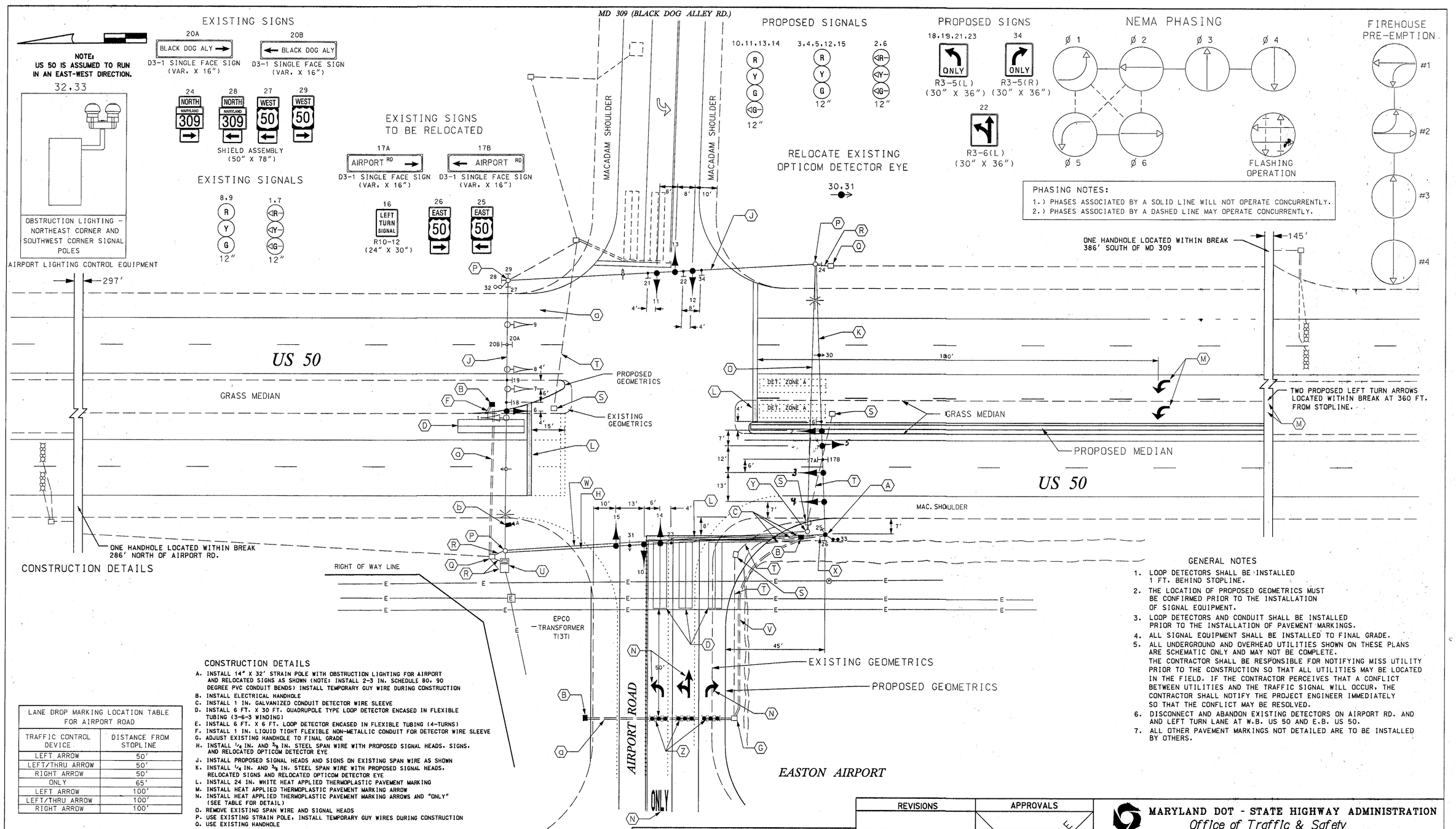

CONSTRUCTION DETAILS

A. INSTALL 14" X 32' STRAIN POLE WITH OBSTRUCTION LIGHTING FOR AIRPORT AND RELOCATED SIGNS AS SHOWN (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS) INSTALL TEMPORARY GUY WIRE DURING CONSTRUCTION
B. INSTALL ELECTRICAL HANDHOLE
C. INSTALL 1 IN. GALVANIZED CONDUIT DETECTOR WIRE SLEEVE
D. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN FLEXIBLE TUBING (3-6-3 WINDING)
E. INSTALL 6 FT. X 6 FT. LOOP DETECTOR ENCASED IN FLEXIBLE TUBING (4-TURNS)
F. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR WIRE SLEEVE
G. ADJUST EXISTING HANDHOLE TO FINAL GRADE
H. INSTALL 1/4 IN. AND 3/8 IN. STEEL SPAN WIRE WITH PROPOSED SIGNAL HEADS, SIGNS, AND RELOCATED OPTICOM DETECTOR EYE
J. INSTALL PROPOSED SIGNAL HEADS AND SIGNS ON EXISTING SPAN WIRE AS SHOWN
K. INSTALL 1/4 IN. AND 3/8 IN. STEEL SPAN WIRE WITH PROPOSED SIGNAL HEADS, RELOCATED SIGNS AND RELOCATED OPTICOM DETECTOR EYE
L. INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
M. INSTALL HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING ARROW
N. INSTALL HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING ARROWS AND "ONLY" (SEE TABLE FOR DETAIL)
O. REMOVE EXISTING SPAN WIRE AND SIGNAL HEADS
P. USE EXISTING STRAIN POLE, INSTALL TEMPORARY GUY WIRES DURING CONSTRUCTION
Q. USE EXISTING HANDHOLE
R. USE EXISTING CONDUIT
S. REMOVE EXISTING HANDHOLE
T. CAP AND ABANDON EXISTING CONDUIT
U. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
V. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
W. REMOVE EXISTING SPAN WIRE, SIGNAL HEADS AND SIGNS
X. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
Y. REMOVE EXISTING STRAIN POLE
Z. INSTALL NON-INVASIVE MICRO-LOOP PROBE WITH 500 FT. LEAD-IN
a. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED
b. INSTALL VIDEO DETECTION CAMERA ON EXISTING STREET LIGHTING ARM

LANE DROP MARKING LOCATION TABLE FOR AIRPORT ROAD	
TRAFFIC CONTROL DEVICE	DISTANCE FROM STOPLINE
LEFT ARROW	50'
LEFT/THRU ARROW	50'
RIGHT ARROW	50'
ONLY	65'
LEFT ARROW	100'
LEFT/THRU ARROW	100'
RIGHT ARROW	100'

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

GENERAL NOTES

1. LOOP DETECTORS SHALL BE INSTALLED 1 FT. BEHIND STOPLINE.
2. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
3. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
4. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
5. 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.
6. DISCONNECT AND ABANDON EXISTING DETECTORS ON AIRPORT RD. AND AND LEFT TURN LANE AT W.B. US 50 AND E.B. US 50.
7. ALL OTHER PAVEMENT MARKINGS NOT DETAILED ARE TO BE INSTALLED BY OTHERS.

TRAFFIC CONCEPTS, INC.
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REVISIONS	APPROVALS
(H) SIGNAL MODIFICATION DUE TO GEOMETRIC IMPROVEMENTS. 11-15-02 SHA NO. BW996M82 MLH	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION PLAN
US 50 AND MD 309
(BLACK DOG ALLEY RD./AIRPORT RD.)

DRAWN BY:	BRUCE THOMPSON	F.A.P. NO.		TS NO. 1525 H	SHEET NO. 1 OF 2
CHECKED BY:	W.J. RICHARDSON	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	TALBOT	T.I.M.S. NO. F639	
DATE:	7-18-77	LOG MILE:	20005008.77		

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