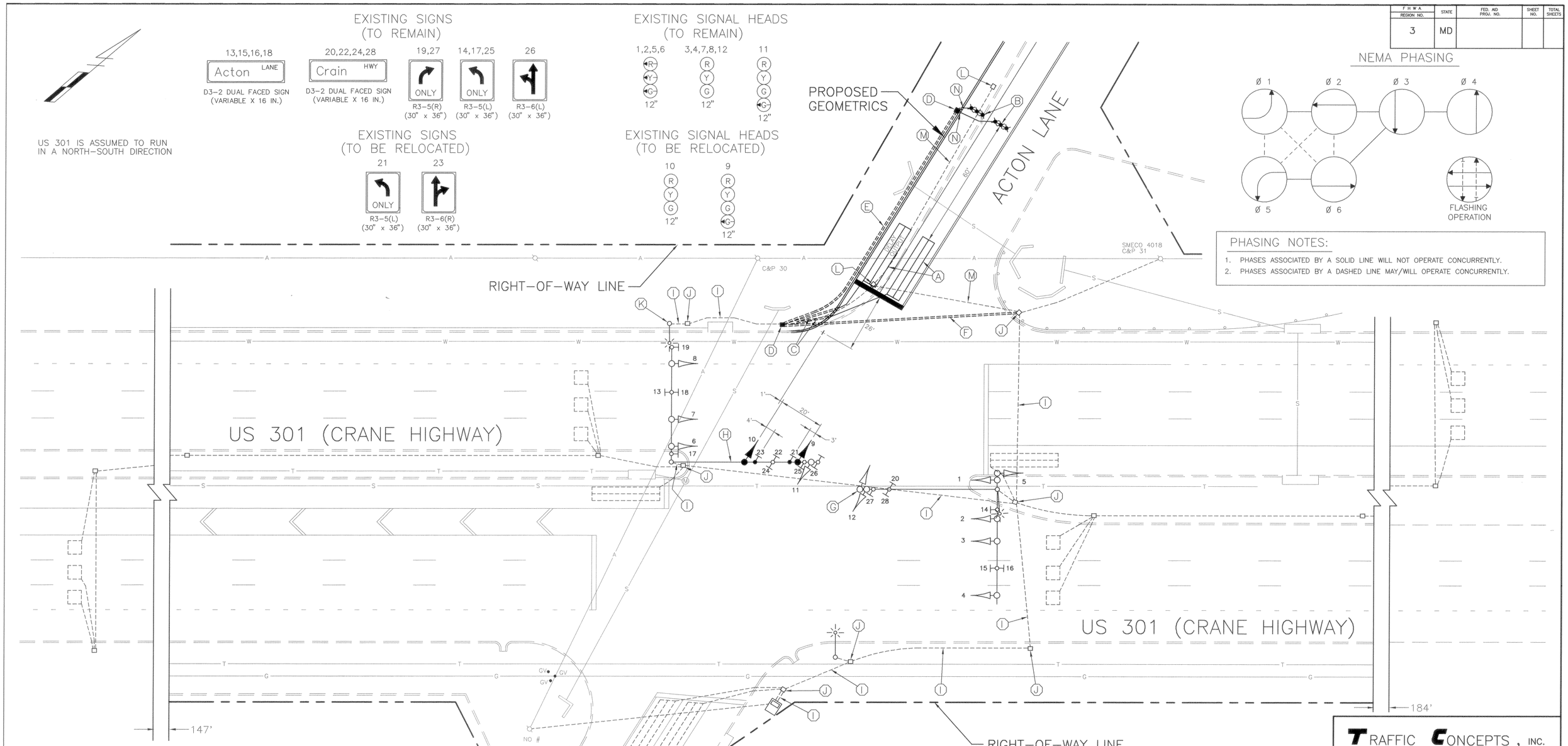
FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			



NEMA PHASING

PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

A. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
B. INSTALL MICRO-LOOP PROBE SET
C. INSTALL 1 IN. GALVANIZED STEEL ELECTRICAL CONDUIT (DETECTOR SLEEVE)
D. INSTALL HANDHOLE
E. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)
F. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (SLOTTED)
G. RELOCATE SIGNAL HEAD TO MAST ARM IN SOUTH MEDIAN
H. RELOCATE SIGNAL HEADS AND SIGNS AS SHOWN
I. USE EXISTING CONDUIT
J. USE EXISTING HANDHOLE
K. INSTALL NEW WIRING BETWEEN EXISTING STREET LIGHT AND CONTROLLER
L. REMOVE EXISTING HANDHOLE
M. CAP AND ABANDON EXISTING CONDUIT
N. INSTALL 1 IN. LIQUID-TIGHT, NON-METALLIC CONDUIT (DETECTOR SLEEVE)

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. INSTALL PRESENCE DETECTORS 1 FT. BEHIND STOPLINE
2. INSTALL CONDUIT AND DETECTORS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS
3. DISCONNECT AND ABANDON EXISTING DETECTORS ON EASTBOUND ACTON LANE

REVISIONS	APPROVALS
	ASSISTANT DIVISION CHIEF
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENG. DESIGN DIV.
D 7-4-98 REPLACE DETECTION ON E.B. ACTON LA. DUE TO WIDENING	DIR., OFFICE OF TRAFFIC AND SAFETY
TMZ	

ORIGINAL ON FILE

TRAFFIC CONCEPTS, INC.
Brightview Business Center
8258 Veterans Highway
Suite 19B
Millersville, MD 21108
(410) 987-0427

LOG MILE NO. 08030124.73

MARYLAND DOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
US 301 AND ACTON LANE

DATE:	JAN 1982	DRAWN BY:	V.Y.	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
SCALE:	1"=20'	DESIGNED BY:	N.C.N.	S.H.A. NO.	BW-623-801-512	TS-1825D	OF
APPROVED BY:	Bruce Thompson 9-10-98	CHECKED BY:	T.A.R.	COUNTY	CHARLES		