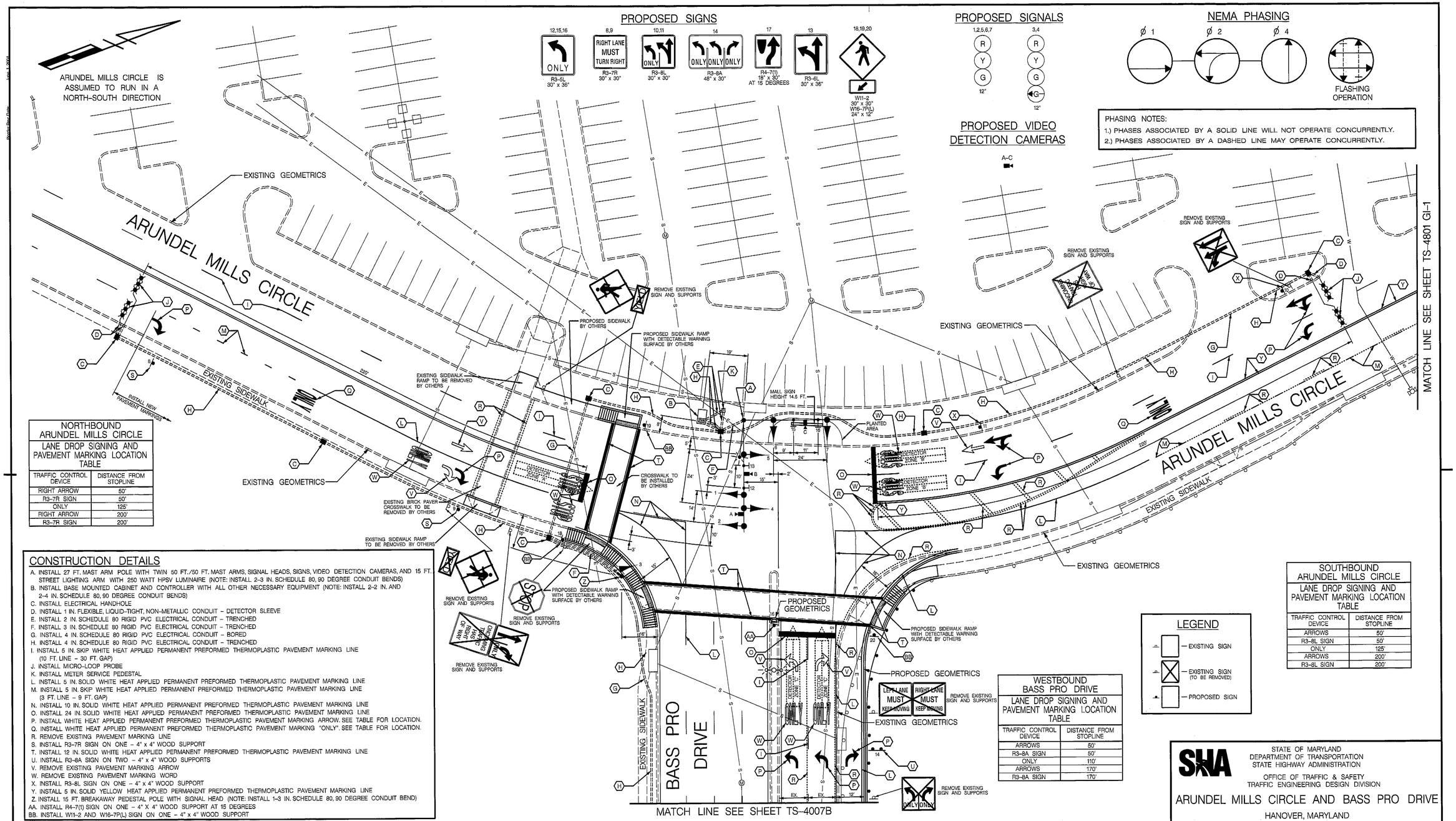

NORTHBOUND ARUNDEL MILLS CIRCLE	
LANE DROP SIGNING AND PAVEMENT MARKING LOCATION TABLE	
TRAFFIC CONTROL DEVICE	DISTANCE FROM STOPLINE
RIGHT ARROW	50'
R3-7R SIGN	50'
ONLY	125'
RIGHT ARROW	200'
R3-7R SIGN	200'

SOUTHBOUND ARUNDEL MILLS CIRCLE	
LANE DROP SIGNING AND PAVEMENT MARKING LOCATION TABLE	
TRAFFIC CONTROL DEVICE	DISTANCE FROM STOPLINE
ARROWS	50'
R3-8L SIGN	50'
ONLY	125'
ARROWS	200'
R3-8L SIGN	200'

WESTBOUND BASS PRO DRIVE	
LANE DROP SIGNING AND PAVEMENT MARKING LOCATION TABLE	
TRAFFIC CONTROL DEVICE	DISTANCE FROM STOPLINE
ARROWS	50'
R3-8A SIGN	50'
ONLY	110'
ARROWS	170'
R3-8A SIGN	170'

LEGEND

- EXISTING SIGN
- EXISTING SIGN (TO BE REMOVED)
- PROPOSED SIGN

CONSTRUCTION DETAILS

A. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT./50 FT. MAST ARMS, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
B. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT (NOTE: INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
C. INSTALL ELECTRICAL HANDHOLE
D. INSTALL 1 IN. FLEXIBLE, LIQUID-TIGHT, NON-METALLIC CONDUIT - DETECTOR SLEEVE
E. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
F. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
G. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - BORED
H. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
I. INSTALL 5 IN. SKIP WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE (10 FT. LINE - 30 FT. GAP)
J. INSTALL MICRO-LOOP PROBE
K. INSTALL METER SERVICE PEDESTAL
L. INSTALL 5 IN. SOLID WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
M. INSTALL 5 IN. SKIP WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE (3 FT. LINE - 9 FT. GAP)
N. INSTALL 10 IN. SOLID WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
O. INSTALL 24 IN. SOLID WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
P. INSTALL WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW. SEE TABLE FOR LOCATION.
Q. INSTALL WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING "ONLY". SEE TABLE FOR LOCATION.
R. REMOVE EXISTING PAVEMENT MARKING LINE
S. INSTALL R3-7R SIGN ON ONE - 4" x 4" WOOD SUPPORT
T. INSTALL 12 IN. SOLID WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
U. INSTALL R3-8A SIGN ON TWO - 4" x 4" WOOD SUPPORTS
V. REMOVE EXISTING PAVEMENT MARKING ARROW
W. REMOVE EXISTING PAVEMENT MARKING WORD
X. INSTALL R3-8L SIGN ON ONE - 4" x 4" WOOD SUPPORT
Y. INSTALL 5 IN. SOLID YELLOW HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
Z. INSTALL 15 FT. BREAKAWAY PEDESTAL POLE WITH SIGNAL HEAD (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BEND)
AA. INSTALL R4-7(1) SIGN ON ONE - 4" X 4" WOOD SUPPORT AT 15 DEGREES
BB. INSTALL W11-2 AND W16-7P(L) SIGN ON ONE - 4" x 4" WOOD SUPPORT

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

GENERAL NOTES

1. 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 CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 818.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. UNLESS OTHERWISE NOTED, PAVEMENT MARKINGS ARE TO BE INSTALLED IN EXISTING LOCATIONS.

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EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

APPROVALS

TEAM LEADER	7-12-11
ASS. DIV. CHIEF	7-12-11
DIVISION CHIEF	7.12.11
OFFICE DIRECTOR	7/12/11

REVISIONS

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

ARUNDEL MILLS CIRCLE AND BASS PRO DRIVE
HANOVER, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE	1"=20'	DATE	7-12-11
CONTRACT NO.	BW996M82		
DESIGNED BY	T. ZAYDEL	COUNTY	ANNE ARUNDEL
DRAWN BY	J.K. SCHMID	LOGMILE	-
CHECKED BY	K. SCHMID	T.I.M.S. NO.	K-973
F.A.P. NO.	N/A	TOD NO.	
DRAWING NO.	TS-4801	SHEET NO.	1 OF 3

M:\2475\SIGNALS\ARUNDELMILLSCR@BASSPRO

FILE PATH: M:\2400\2475\Signals\Arundel Mills Cr@Bass Pro Drive\2-1-11.dgn
DATE: Tuesday, July 12, 2011 AT 10:59 AM