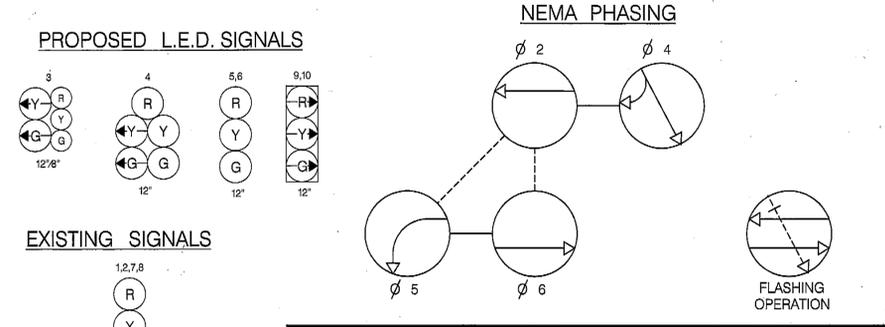
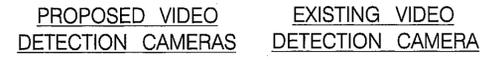


MATCH LINE - SEE SHEET TS-2176 B-2



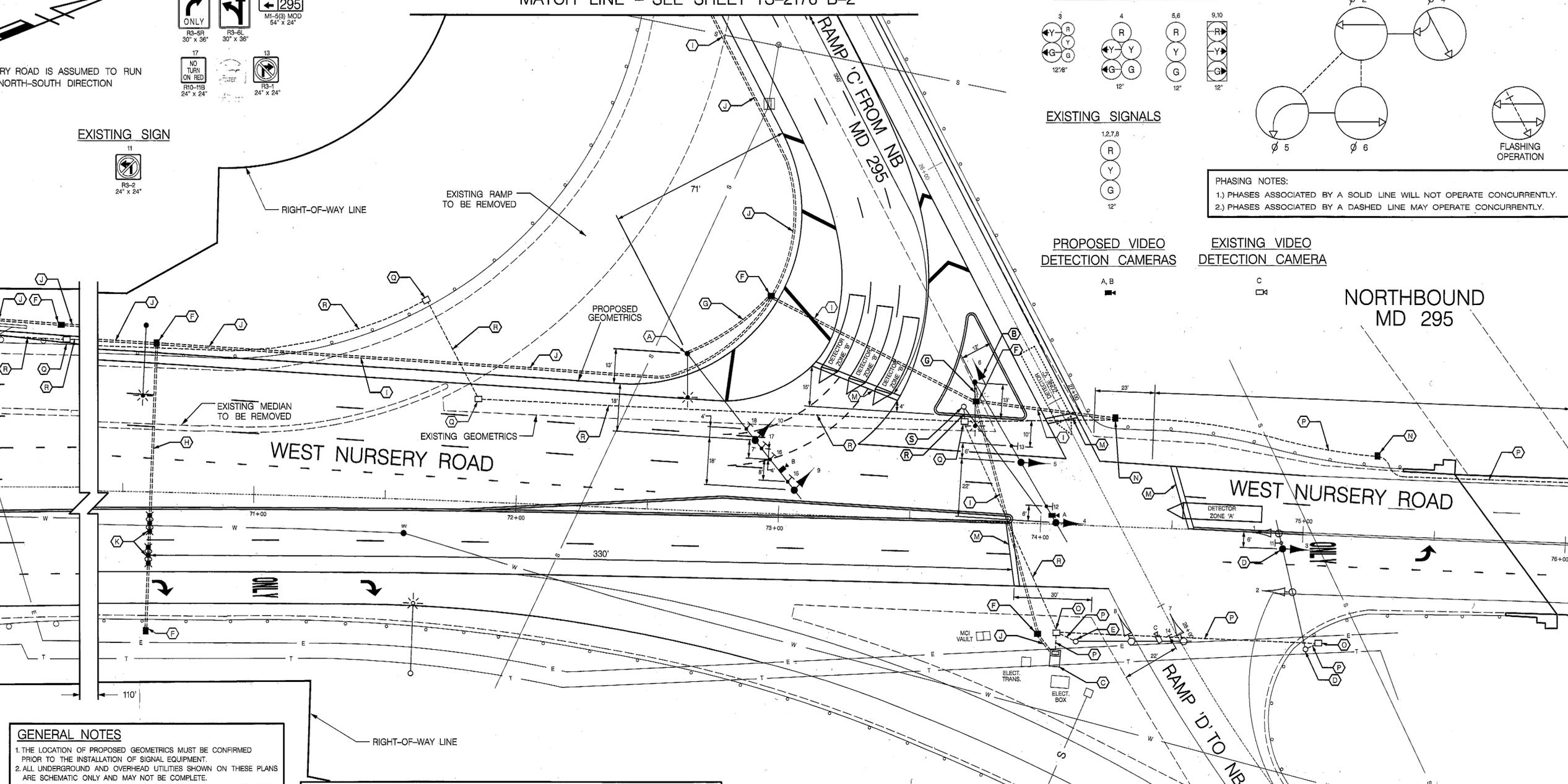
PHASING NOTES:
 1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



NORTHBOUND MD 295

MATCH LINE - SEE SHEET CORPORATE BLVD SIGNAL PLAN

MATCH LINE - SEE SHEET TS-2176 B-2



GENERAL NOTES

1. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
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. 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 CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

CONSTRUCTION DETAILS

- A. INSTALL 27 FT. MAST ARM POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- B. INSTALL 27 FT. MAST ARM POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- C. INSTALL VIDEO INTERFACE EQUIPMENT IN EXISTING BASE MOUNTED CABINET AND CONTROLLER (NOTE: INSTALL 1-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BEND IN EXISTING FOUNDATION)
- D. INSTALL SIGNAL HEAD ON EXISTING MAST ARM
- E. INSTALL SIGN ON EXISTING MAST ARM
- F. INSTALL ELECTRICAL HANDHOLE
- G. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- H. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
- I. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
- J. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- K. INSTALL NON-INVASIVE MICRO-LOOP PROBE
- L. INSTALL MICRO-LOOP PROBE
- M. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- N. LOCATE EXISTING HANDHOLE, REPLACE FRAME AND COVER THEN ADJUST TO GRADE
- O. USE EXISTING HANDHOLE
- P. USE EXISTING CONDUIT
- Q. REMOVE EXISTING HANDHOLE
- R. CAP AND ABANDON EXISTING CONDUIT
- S. REMOVE EXISTING POLE, MAST ARM, AND ALL ASSOCIATED EQUIPMENT
- T. INSTALL 1 IN. LIQUID-TIGHT, NON-METALLIC CONDUIT - DETECTOR SLEEVE
- U. INSTALL 6FT. X 22FT. QUADRUPOLE TYPE (3-6-3 WINDING) IN 1/4IN. FLEXIBLE TUBING

GEOMETRIC LEGEND

EXISTING _____
 PROPOSED _____

UTILITY LEGEND

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

TRAFFIC CONCEPTS, INC.
 325 Gambrills Road
 Suite B
 Gambrills, MD 21054
 (410) 923-7101
 FAX: (410) 923-6473
 EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION ENGINEER	
OFFICE DIRECTOR	

REVISIONS

NO.	DESCRIPTION
1	REVISED SIGNAL FOR TRIPLE RIGHT FROM MD 295

DATE: Tuesday, June 22, 2010 AT 09:49 AM

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

MD 295 N.B. RAMPS AND WEST NURSERY RD.
 LINTHICUM, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE 6-2-08 CONTRACT NO. AA-391-501-570

DESIGNED BY	J.C. RICE	COUNTY	ANNE ARUNDEL
DRAWN BY	K.P.H./M.E.D.	LOGMILE	02029514.76
CHECKED BY	J.C.K.	T.I.M.S. NO.	K-399
F.A.P. NO.	NA	TOD NO.	

DRAWING NO. TS-2176 B-1 SHEET NO. 9A OF 9