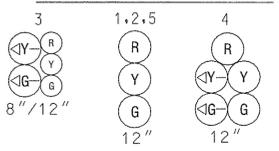


US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

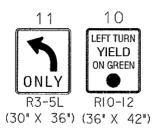
CONSTRUCTION DETAILS

- A. REMOVE EXISTING SIGNAL HEADS AND INSTALL NEW SIGNAL HEADS ON EXISTING SPAN WIRE
- B. INSTALL SHIELD ASSEMBLY ON EXISTING STRAIN POLE
- C. INSTALL 15 FT. BRACKET ARM WITH 250 WATT HPS LUMINAIRE AND VIDEO DETECTION CAMERA ON EXISTING STRAIN POLE
- D. INSTALL VIDEO DETECTION CAMERA ON EXISTING STREET LIGHTING BRACKET
- E. ADJUST EXISTING HANDHOLE TO GRADE INCLUDING COLLAR
- F. VIDEO DETECTION AREA
- G. RE-ANGLE EXISTING STREET LIGHTING BRACKET ARM
- H. INSTALL 24 IN. WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING
- J. INSTALL 5 IN. YELLOW HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING
- K. INSTALL WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW
- L. INSTALL WHITE HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING LETTER "ONLY"
- M. USE EXISTING CONDUIT
- N. USE EXISTING HANDHOLE
- O. USE EXISTING CONTROLLER AND INSTALL VIDEO DETECTION EQUIPMENT
- P. USE EXISTING SPAN WIRE

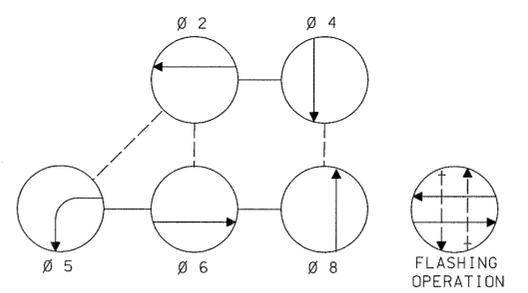
EXISTING SIGNALS



EXISTING SIGNS



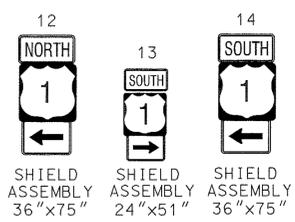
NEMA PHASING



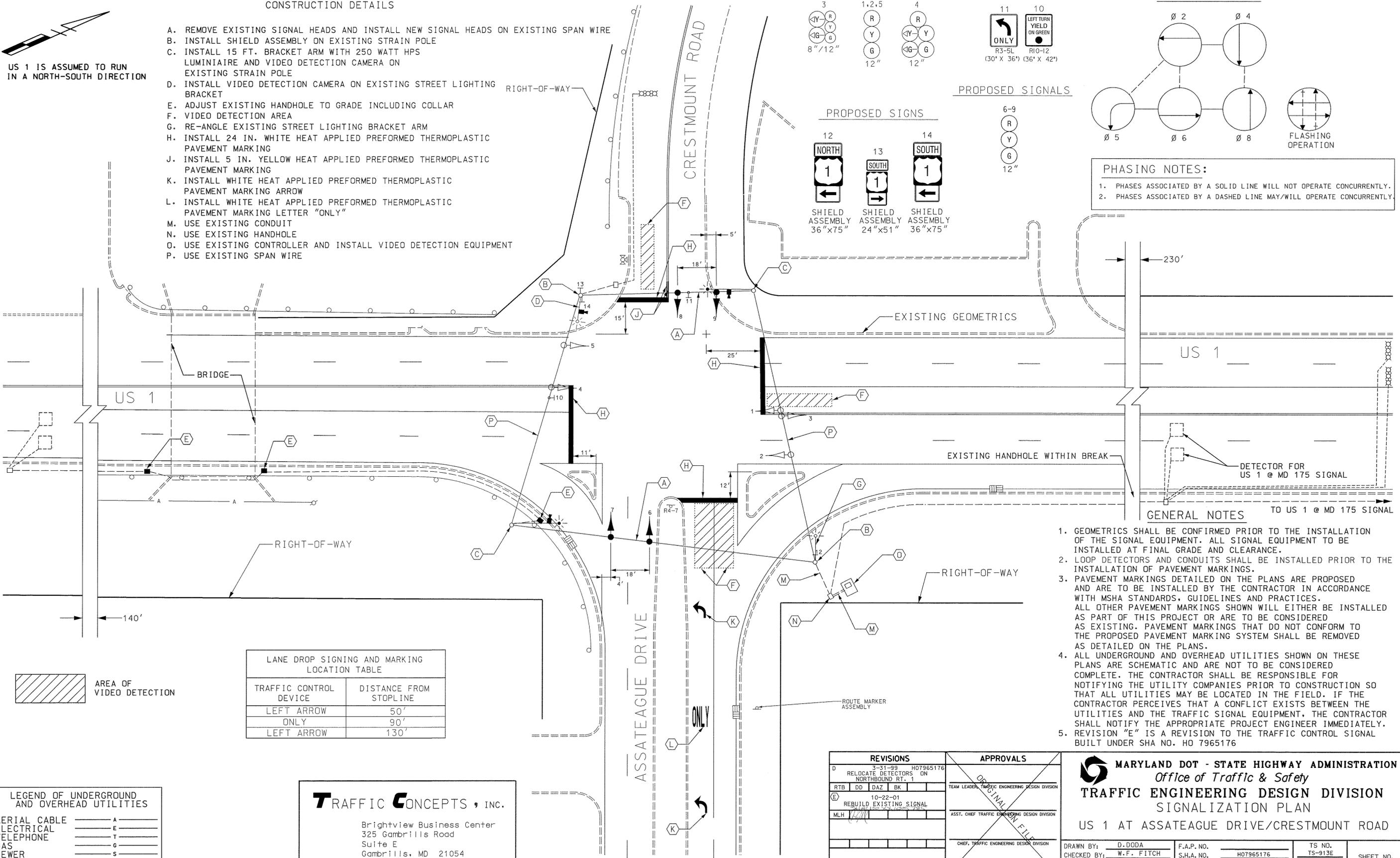
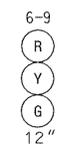
PHASING NOTES:

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

PROPOSED SIGNS



PROPOSED SIGNALS



LANE DROP SIGNING AND MARKING LOCATION TABLE

TRAFFIC CONTROL DEVICE	DISTANCE FROM STOPLINE
LEFT ARROW	50'
ONLY	90'
LEFT ARROW	130'

AREA OF VIDEO DETECTION

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC **C**ONCEPTS, INC.

Brightview Business Center
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101

REVISIONS	APPROVALS
D 3-31-99 H07965176 RELOCATE DETECTORS ON NORTHBOUND RT. 1	
RTB DD DAZ BK	
E 10-22-01 REBUILD EXISTING SIGNAL	
MLH	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION PLAN
US 1 AT ASSATEAGUE DRIVE/CRESTMOUNT ROAD

DRAWN BY: D.DODA	F.A.P. NO. H07965176	TS NO. TS-913E	SHEET NO. 1 OF 2
CHECKED BY: W.F. FITCH	S.H.A. NO. HOWARD	T.I.M.S. NO. EGS	
SCALE: 1" = 20"	COUNTY: LOG MILE:		

- GENERAL NOTES
- GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT. ALL SIGNAL EQUIPMENT TO BE INSTALLED AT FINAL GRADE AND CLEARANCE.
 - LOOP DETECTORS AND CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
 - PAVEMENT MARKINGS DETAILED ON THE PLANS ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MSHA STANDARDS, GUIDELINES AND PRACTICES. ALL OTHER PAVEMENT MARKINGS SHOWN WILL EITHER BE INSTALLED AS PART OF THIS PROJECT OR ARE TO BE CONSIDERED AS EXISTING. PAVEMENT MARKINGS THAT DO NOT CONFORM TO THE PROPOSED PAVEMENT MARKING SYSTEM SHALL BE REMOVED AS DETAILED ON THE PLANS.
 - ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT EXISTS BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
 - REVISION "E" IS A REVISION TO THE TRAFFIC CONTROL SIGNAL BUILT UNDER SHA NO. HO 7965176