

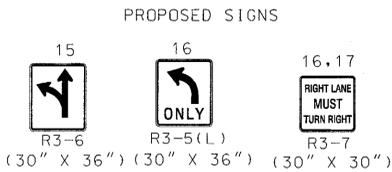


US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

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.

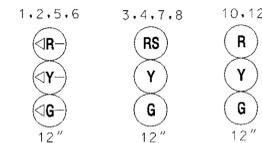
PROPOSED VIDEO DETECTION



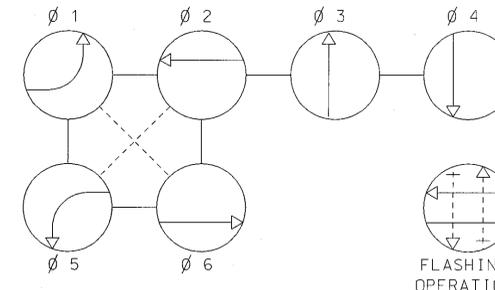
EXISTING SIGNS



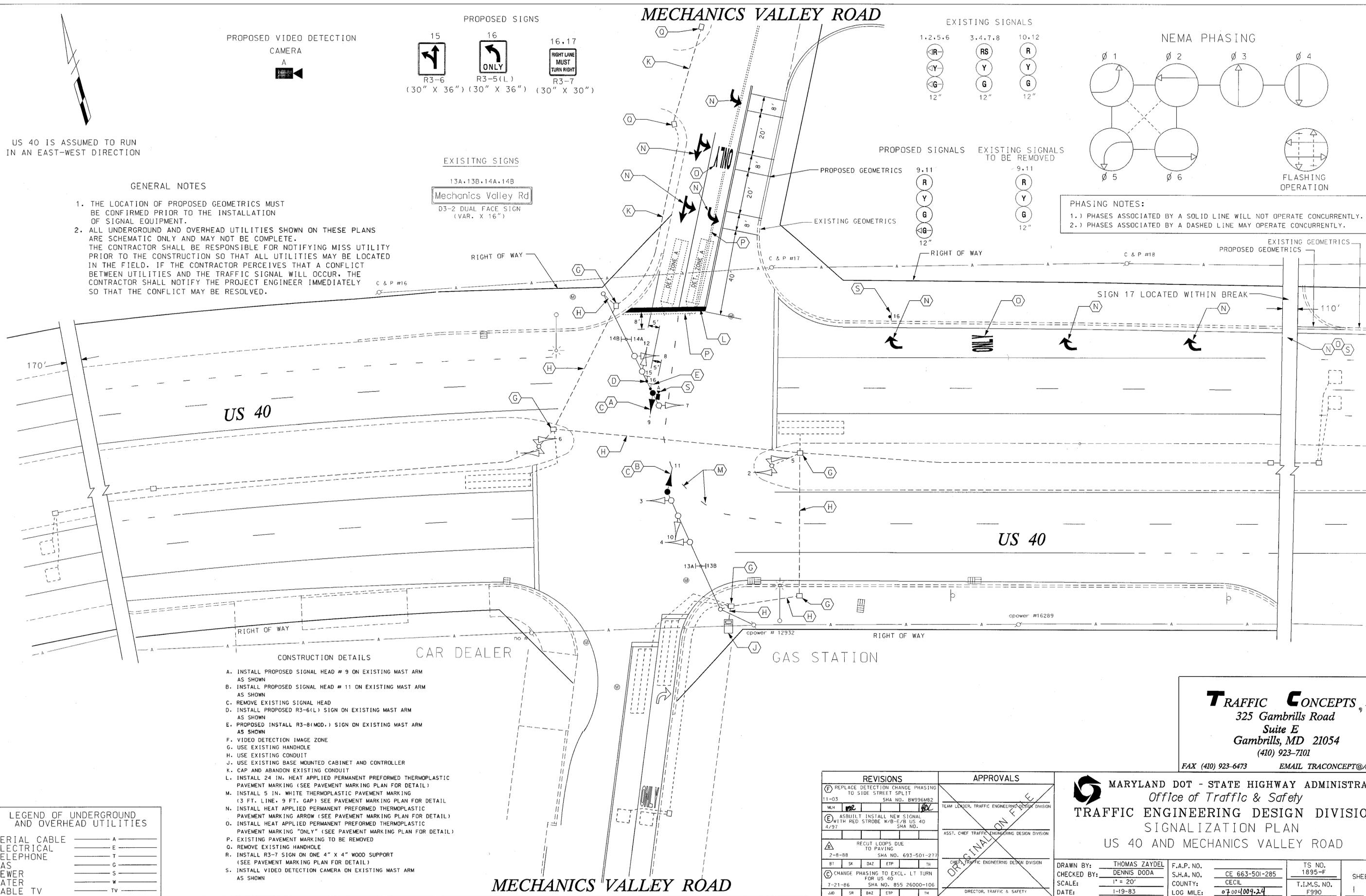
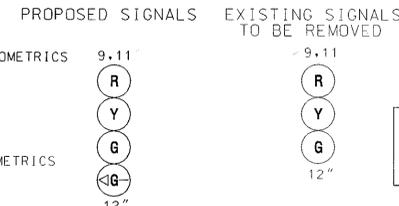
EXISTING SIGNALS



NEMA PHASING



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



CONSTRUCTION DETAILS

- A. INSTALL PROPOSED SIGNAL HEAD # 9 ON EXISTING MAST ARM AS SHOWN
- B. INSTALL PROPOSED SIGNAL HEAD # 11 ON EXISTING MAST ARM AS SHOWN
- C. REMOVE EXISTING SIGNAL HEAD
- D. INSTALL PROPOSED R3-6(L) SIGN ON EXISTING MAST ARM AS SHOWN
- E. PROPOSED INSTALL R3-8(MOD.) SIGN ON EXISTING MAST ARM AS SHOWN
- F. VIDEO DETECTION IMAGE ZONE
- G. USE EXISTING HANDHOLE
- H. USE EXISTING CONDUIT
- J. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
- K. CAP AND ABANDON EXISTING CONDUIT
- L. INSTALL 24 IN. HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (SEE PAVEMENT MARKING PLAN FOR DETAIL)
- M. INSTALL 5 IN. WHITE THERMOPLASTIC PAVEMENT MARKING (3 FT. LINE, 9 FT. GAP) SEE PAVEMENT MARKING PLAN FOR DETAIL
- N. INSTALL HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW (SEE PAVEMENT MARKING PLAN FOR DETAIL)
- O. INSTALL HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING "ONLY" (SEE PAVEMENT MARKING PLAN FOR DETAIL)
- P. EXISTING PAVEMENT MARKING TO BE REMOVED
- Q. REMOVE EXISTING HANDHOLE
- R. INSTALL R3-7 SIGN ON ONE 4" X 4" WOOD SUPPORT (SEE PAVEMENT MARKING PLAN FOR DETAIL)
- S. INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM AS SHOWN

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

**TRAFFIC CONCEPTS, INC.**  
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FAX (410) 923-6473 EMAIL TRACONCEPT@AOL.CO.

REVISIONS		APPROVALS	
11-03	REPLACE DETECTION CHANGE PHASING TO SIDE STREET SPLIT	[Signature]	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
2-8-88	RECUT LOOPS DUE TO PAVING		
4-97	ASBUILT INSTALL NEW SIGNAL WITH RED STROBE W/B/E/B US 40	[Signature]	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
7-21-86	CHANGE PHASING TO EXCL. LT TURN FOR US 40		
DIRECTOR, TRAFFIC & SAFETY		DIRECTOR, TRAFFIC & SAFETY	

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
SIGNALIZATION PLAN  
US 40 AND MECHANICS VALLEY ROAD

DRAWN BY: THOMAS ZAYDEL	F.A.P. NO. S.H.A. NO. CE 663-501-285	TS NO. 1895-F
CHECKED BY: DENNIS DODA	COUNTY: CECIL	T.I.M.S. NO. F990
SCALE: 1" = 20'	LOG MILE: 07.004009.24	
DATE: 1-19-83		SHEET NO. 1 OF 3

MECHANICS VALLEY ROAD