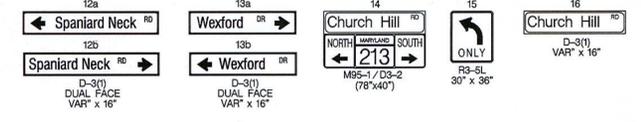
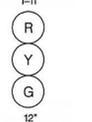


MD 213 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED OVERHEAD SIGNS

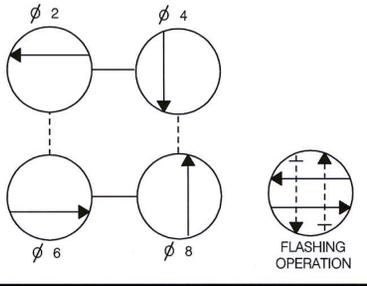


PROPOSED L.E.D. SIGNAL HEADS



SPANIARD NECK ROAD

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.

GREEN LINE REVISION NO. 1
 January 11, 2012
 Relocate Mast Arm and Controller in the Northeast Corner
 TEDD Approval: *[Signature]* 1/13/2012

- CONSTRUCTION DETAILS**
- A. INSTALL 16.5 FT. MAST ARM POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERA. CUT, CLEAN AND GALVANIZE MAST ARM AS SHOWN (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
 - B. INSTALL 16.5 FT. MAST ARM POLE WITH TWIN 50 FT./60 FT. MAST ARMS, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
 - C. INSTALL R3-7L SIGN ON ONE 4 IN. X 4 IN. WOOD SUPPORT
 - D. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE, CONDUIT - DETECTOR SLEEVE
 - E. 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)
 - F. INSTALL ELECTRICAL HANDHOLE
 - G. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED (STUB UP AT BASE OF WOOD POLE)
 - H. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
 - I. INSTALL 5 IN. SKIP WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE (3 FT. LINE - 9 FT. GAP)
 - J. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
 - K. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
 - L. INSTALL MICRO-LOOP PROBE
 - M. INSTALL METER SERVICE PEDESTAL
 - N. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
 - O. INSTALL W3-3 SIGN APPROXIMATELY 400 FT. IN ADVANCE OF THE STOPLINE ON TWO-4 IN. X 6 IN. WOOD SUPPORTS
 - P. REMOVE EXISTING W2-1 SIGN, STREET NAME PANEL AND SUPPORTS. INSTALL D3-2(2) SIGN APPROXIMATELY 850 FT. IN ADVANCE OF THE INTERSECTION ON TWO-4 IN. X 6 IN. WOOD SUPPORTS.
 - Q. REMOVE EXISTING 'STOP' SIGN AND SUPPORT AFTER TRAFFIC SIGNAL IS OPERATIONAL.
 - R. INSTALL 5 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
 - S. INSTALL 5 IN. YELLOW HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
 - T. REMOVE EXISTING PAVEMENT MARKING LINE
 - U. INSTALL WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW (SEE LOCATION TABLE)
 - V. INSTALL WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING 'ONLY' (SEE LOCATION TABLE)
 - W. INSTALL SHIELD ASSEMBLY SIGN ON TWO 4 IN. X 6 IN. WOOD SUPPORTS
 - X. INSTALL D-3(1) SIGN ON MAST ARM AS SHOWN

- GENERAL NOTES**
1. THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.
 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 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.
 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 CLEARANCE 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.
 4. ALL INTERNAL CABINET WIRING TO BE PERFORMED BY THE STATE HIGHWAY ADMINISTRATION SIGNAL SHOP.

UTILITY HEIGHTS

1	TELEPHONE	= 22' - 9"
	TELEPHONE	= 23' - 11"
	TELEPHONE	= 25' - 8"
2	TELEPHONE	= 22' - 4"
	TELEPHONE	= 23' - 3"
	TELEPHONE	= 24' - 4"
	TELEPHONE	= 25' - 10"
3	CATV	= 23' - 8.5"
	NEUTRAL	= 28' - 0"
	SECONDARY	= 34' - 1"
4	CATV	= 16' - 4"
	CATV	= 17' - 4"
	NEUTRAL	= 23' - 8"
	PRIMARY	= 33' - 8"

WEXFORD DRIVE SIGNING AND PAVEMENT MARKING LOCATION TABLE

TRAFFIC CONTROL DEVICE	DISTANCE FROM STOPLINE
LEFT ARROW	50 FT.
R3-7L SIGN	50 FT.
ONLY	90 FT.
LEFT ARROW	130 FT.
R3-7L SIGN	130 FT.

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 CHIEF	
OFFICE DIRECTOR	

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

MD 213 (CHURCH HILL RD.) AND SPANIARD NECK RD./WEXFORD RD.
 CENTERVILLE, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20' DATE 5-24-11 CONTRACT NO. BW99GM2

DESIGNED BY T. ZAYDEL COUNTY QUEEN ANNE'S
 DRAWN BY J.K. SCHMID LOGMILE 17021308.93
 CHECKED BY K. SCHMID T.I.M.S. NO. K-400
 F.A.P. NO. NA TOD NO.

DRAWING NO. TS - 4787 SHEET NO. 1 OF 2