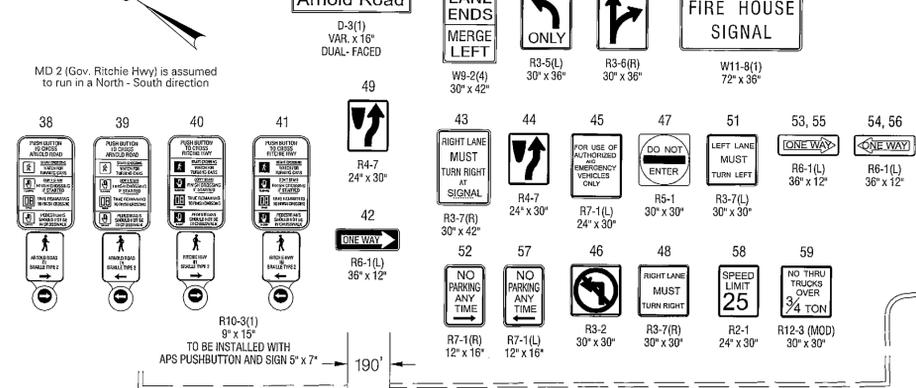
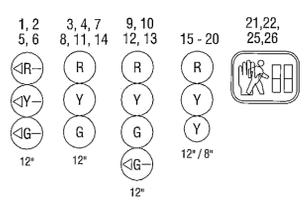


EXISTING SIGNS



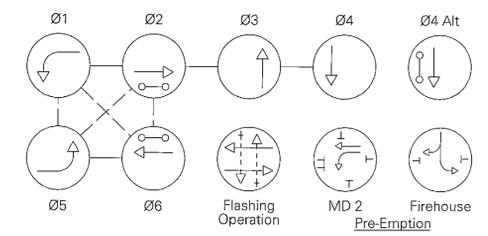
EXISTING LED SIGNALS



PROPOSED LED SIGNALS



NEMA PHASING



NOTE: Phases associated by a dashed line will operate concurrently. Phases associated by a solid line will not operate concurrently.

EXISTING SIGNALS TO BE REMOVED



EXISTING OPTICOM



MD 2 (Gov. Ritchie Hwy) is assumed to run in a North - South direction

R10-3(1) 9" x 15" TO BE INSTALLED WITH APS PUSHBUTTON AND SIGN 5' x 7'

Signal Interconnect Cable to controller at next signalized intersection - MD 2 (Gov Ritchie Hwy) at West Campus Dr

MD 2 (Governor Ritchie Hwy) NB

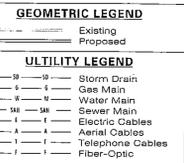
MD 2 (Governor Ritchie Hwy) SB

GENERAL NOTES

- All underground 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 the utilities and the traffic signal will occur, the Contractor shall notify the Engineer in the field immediately so that the conflict may be resolved.
- The Contractor shall be responsible for terminating all signal cable to the appropriate terminals and properly label each cable so that SHA Forces can make the final connections. Contact the Traffic Signal Operations Supervisor, at least 72 hours prior to installation.
- All traffic signal foundations shall be installed at the final sidewalk or curb grade for closed sections, highest roadway profile for open sections, to meet clearances as specified in MD Std 818.01, MD Std 818.02 and MD Std 818.03. The Contractor shall verify ultimate grades prior to installation of signal equipment.
- The Contractor shall verify all proposed pole locations prior to installation.
- All existing traffic signal equipment removed shall become the property of the Signal Contractor upon completion of the signal modification.
- All pavement markings detailed are proposed and are to be installed in accordance with SHA Standards. All crosswalks shall be centered on handicap ramps or median cut-throughs.
- Pushbuttons are to be located so that they can be activated by a person in wheelchair reaching less than 18" from a 60" x 60" level landing area with a slope less than or equal to 2%.
- Pushbutton arrows are to be parallel to the crossing in which they are intended for.
- Location of Accessible Pedestrian Signal pushbutton must meet location requirements of MUTCD Section 4E.09 and Figure 4E-2, and the NCHRP publication "Accessible Pedestrian Signals: Guide to Best Practice". If requirements are not met, the Contractor shall stop work on push button locations until a design waiver is obtained and approved by the Director of Office Traffic and Safety.
- The 10' separation between pushbuttons is to be measured from face of pushbutton to face of pushbutton, NOT center to center of pole.
- Red Light cameras and associated equipment to be modified by others, see McMahon Associates, Inc. plans. (TIMS# J-698)
- Sidewalk ramps shown are per Civil drawings by Bohler Engineering and shall be installed in accordance with SHA Standards; MD 655.11 Perpendicular and MD 655.13 combination.

CONSTRUCTION DETAILS

- REMOVE EXISTING BASE MOUNT CABINET AND INSTALL SIZE 'S' CABINET, AND UNINTERRUPTIBLE POWER SUPPLY.
- REMOVE EXISTING PEDESTRIAN SIGNAL AND INSTALL PROPOSED COUNTDOWN PEDESTRIAN HEAD.



SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 2 (Governor Ritchie Highway) at
Arnold Road
Arnold, Maryland

APPROVALS	REVISIONS
ORIGINAL	① INSTALL BATTERY BACK-UP TMS K981 CONTRACT # XY2245185 11/20/2011
FILE	FJA [Signature] 5 May 09 ② NE quadrant frontage improvements. Add APS to north leg.
	③ Modification due to geometric changes 12 July 07
	FJH [Signature]

Traffic Signal Modification Plan	
SCALE 1" = 20'	DATE 8 April 1973 CONTRACT NO.
DESIGNED BY J. Spence	COUNTY Anne Arundel
DRAWN BY J. Spence	LOGMILE 0200225.15
CHECKED BY	T.I.M.S. NO. J-634
F.A.P. NO.	TOD NO.
DRAWING NO. TS-324-H	SHEET NO. 1 OF 2

BY: WELLS+ASSOCIATES, INC.