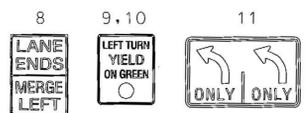




MD 648 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

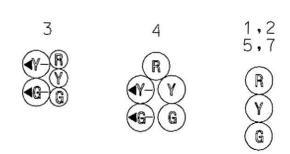
**EXISTING SIGNS**



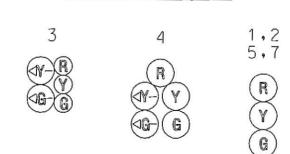
**EXISTING SIGNS TO BE REMOVED**



**PROPOSED LED SIGNALS**



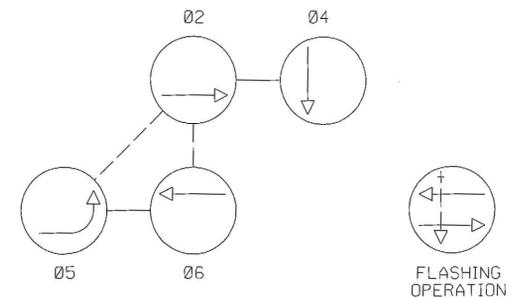
**EXISTING SIGNALS**



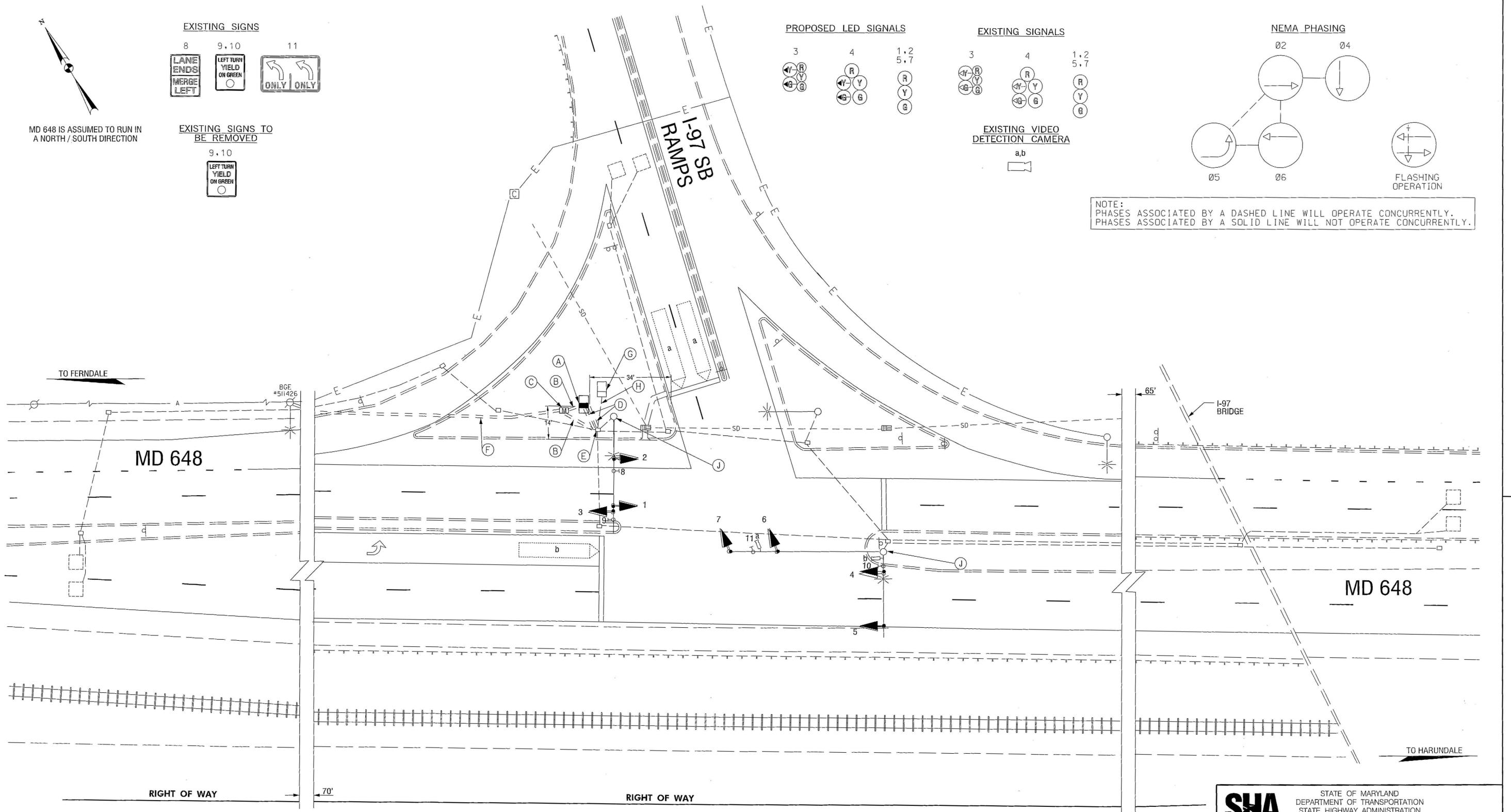
**EXISTING VIDEO DETECTION CAMERA**



**NEMA PHASING**



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED

UTILITY LEGEND	
---	SD STORM DRAIN
---	G GAS MAIN
---	W WATER MAIN
---	S SEWER MAIN
---	E ELECTRIC CABLES
---	A AERIAL CABLES
---	T TELEPHONE CABLES
---	F FIBER-OPTIC

- CONSTRUCTION DETAILS**
- INSTALL SIZE "S" CABINET, CONTROLLER, BASE, AND ALL NECESSARY EQUIPMENT WITH BATTERY BACK-UP.
  - INSTALL 2" PVC CONDUIT (TRENCHED).
  - INSTALL METERED SERVICE PEDESTAL.
  - INSTALL 4" PVC CONDUIT (TRENCHED).
  - USE EXISTING HAND HOLE. PULL BACK ALL CABLES AND REROUTE TO NEW CABINET.
  - INSTALL 4" PVC CONDUIT (BORED) FOR ELECTRICAL SERVICE.
  - REMOVE EXISTING CABINET AND BASE 12" BELOW GRADE.
  - CAP AND ABANDON CONDUIT.
  - REMOVE EXISTING SIGNAL HEADS AND R10-12 (YIELD ON GREEN) SIGNS. INSTALL PROPOSED LED SIGNAL HEADS.

APPROVALS	REVISIONS
ORIGINAL ON FILE	① INSTALL BATTERY BACK-UP SYSTEM CONTRACT # XY2245185 11/20/2011 FJA
	② AS BUILT 9-04
	③ SWA
	④ D INSTALL VIDEO DETECTION SHA NO. AT3085185 3/15/04
	⑤ SWA

TRAFFIC SIGNAL PLAN	
SCALE 1" = 20'	DATE 10/25/99
DESIGNED BY N/A	COUNTY ANNE ARUNDEL
DRAWN BY M. MEARS	LOGMILE 02064804.31
CHECKED BY S. RENZI	T.I.M.S. NO. E791
F.A.P. NO. N/A	TOD NO. N/A
DRAWING NO. TS-3028F	SHEET NO. 1 OF 2

PLOTTED: MONDAY, NOVEMBER 28, 2011 AT 2:14:27 PM  
FILE: MD 648 @ I-97 RAMP.PL.DGN