

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

- L. REMOVE EXISTING LIGHTING ARM & LUMINAIRE. INSTALL PROPOSED 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE WITH PHOTOCELL. PROPOSED LUMINAIRES SHALL BE SET AT A 30 FT. MOUNTING HEIGHT ABOVE THE ROADWAY SURFACE. DISCONNECT, PULL BACK & REROUTE EXISTING CABLE TO PROPOSED LUMINAIRES.
- M. USE EXISTING CABINET.
- N. INSTALL LED SIGNAL HEAD ON EXISTING MAST ARM POLE.
- O. INSTALL DUAL FACED STREET NAME SIGN.

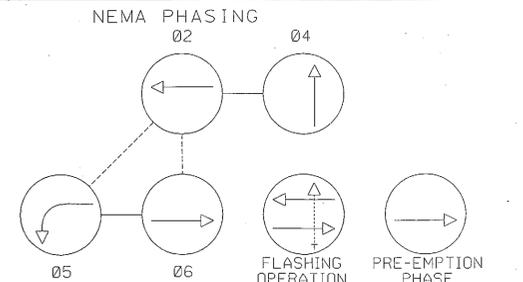
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APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

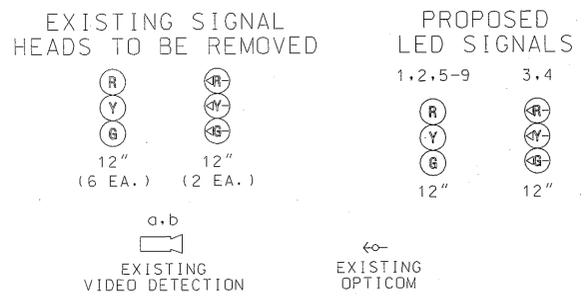
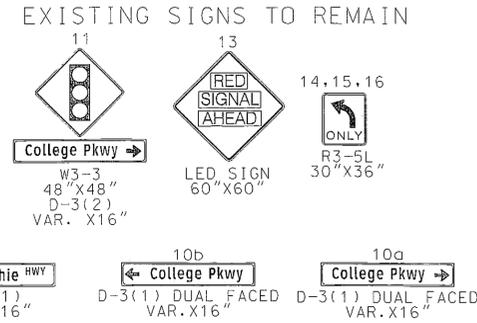
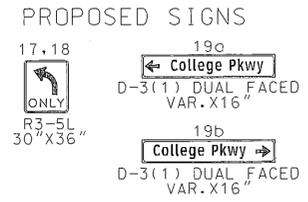
REVISIONS	
K	UPGRADE SIGNALS TO LED. INSTALL ADDITIONAL INTERSECTION LIGHTING XX4475185, K-712 03-28-11
J	REVISE SIGNING & PAVEMENT MARKINGS FOR COLLEGE PKWY TRIPLE LEFT SW9996M2, K-724 07-01-2010
I	INSTALL VIDEO DETECTION AT 3085185, F-390 03-20-04
SWA	MAR
DAZ	BK

TRAFFIC SIGNAL PLAN			
SCALE	1"=20'	DATE	4-19-73
CONTRACT NO.		DESIGNED BY	ANNE ARUNDEL
COUNTY	ANNE ARUNDEL	DRAWN BY	C. JEDNORSKI
LOGMILE	Q2000226.97	CHECKED BY	
TIMS NO.	K-712	FAP NO.	
TOD NO.		TS NO.	573K
DRAWING	SP-1	OF	2
SHEET NO.	1	OF	2

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



MD 2 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



- CONSTRUCTION DETAILS**
- A. INSTALL 12 IN. X 30 FT. STEEL STRAIN POLE, 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE AND PHOTOCELL. NOTE: INSTALL 1-3 INCH PVC CONDUIT BEND IN POLE BASE. PROPOSED LUMINAIRE SHALL BE SET AT A 30 FT. MOUNTING HEIGHT ABOVE THE ROADWAY SURFACE. STEEL STRAIN POLE SHALL BE FURNISHED BY SHA AND INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL SUPPLY THE ANCHOR BOLTS (1 3/4 IN. X 66 IN.). CONTRACTOR SHALL VERIFY ANCHOR BOLT SIZE AND BOLT CIRCLE PRIOR TO INSTALLATION OF FOUNDATION.
- B. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.
- C. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- D. INSTALL ELECTRICAL HANDHOLE.
- E. USE EXISTING CONDUIT.
- F. USE EXISTING HANDHOLE.
- G. USE EXISTING METERED SERVICE PEDESTAL. INSTALL PROPOSED LIGHTING CABLE TO EXISTING BREAKER FOR INTERSECTION LIGHTING.
- H. REMOVE EXISTING SIGNAL HEADS. INSTALL LED SIGNAL HEADS. USE EXISTING CABLE. PLUG UNUSED HOLES.
- I. REMOVE EXISTING SIGN.
- J. INSTALL PROPOSED SIGN.
- K. INSTALL 5 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE (3' LINE WITH 3' GAP) TO REPLACE EXISTING FADED PAVEMENT MARKINGS.

SPECIAL NOTE

1. THE EXISTING TRAFFIC SIGNAL PLAN REFLECTS GEOMETRIC IMPROVEMENTS THAT ARE EXPECTED TO BE COMPLETED UNDER A DEVELOPER CONTRACT DURING SPRING/SUMMER OF 2011. THE IMPROVEMENTS INCLUDE ADDITION OF THE THIRD LEFT TURN LANE ON THE COLLEGE PARKWAY APPROACH, INSTALLATION OF SIGN 14 AND RELOCATION OF SIGNAL HEAD 8. IF THE WORK HAS NOT BEEN COMPLETED WHEN THIS PROJECT WORK IS STARTED, THE CONTRACTOR SHALL INSTALL PROPOSED TRAFFIC SIGNAL HEAD 8 WITHIN 1 FOOT OF THE EXISTING SIGNAL HEAD TO BE REPLACED.

TOD NO: XX447-215
SHA NO: AA267A59/C59
MD 2 @ College Parkway

COLLEGE PARKWAY

LANE TO BE ADDED BY SW9996M2

BGE TRANSFORMER

BGE TRANSFORMER

BY: drandolph

PLOTTED: Tuesday, March 01, 2011
FILE: B59-001_M22@College.pgn