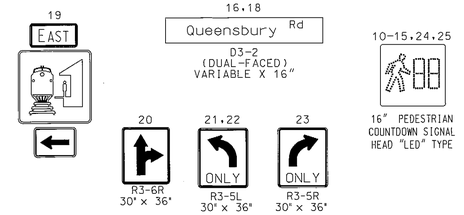
US 1 IS CONSIDERED TO RUN
IN A NORTH-SOUTH DIRECTION

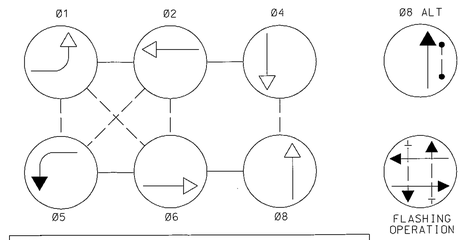
PROPOSED SIGNALS

PROPOSED LED MODULES

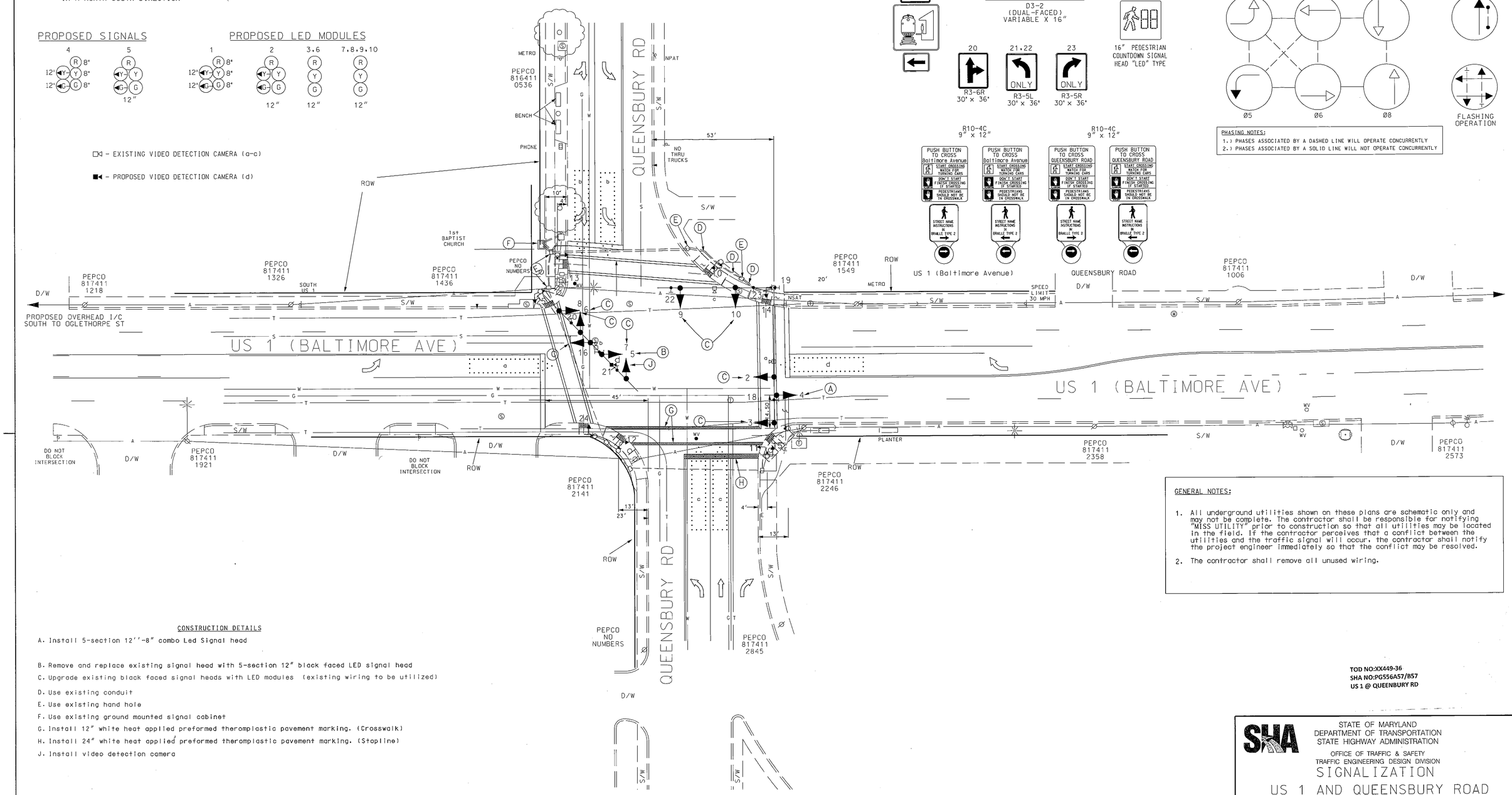
EXISTING SIGNS



NEMA PHASING



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



- ◻◀ – EXISTING VIDEO DETECTION CAMERA (a–c)
- ■◀ – PROPOSED VIDEO DETECTION CAMERA (d)

GENERAL NOTES:

1. 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 project engineer immediately so that the conflict may be resolved.
2. The contractor shall remove all unused wiring.

CONSTRUCTION DETAILS

A. Install 5-section 12''-8" combo Led Signal head
B. Remove and replace existing signal head with 5-section 12" black faced LED signal head
C. Upgrade existing black faced signal heads with LED modules (existing wiring to be utilized)
D. Use existing conduit
E. Use existing hand hole
F. Use existing ground mounted signal cabinet
G. Install 12" white heat applied preformed theromplastic pavement marking. (Crosswalk)
H. Install 24" white heat applied preformed theromplastic pavement marking. (Stopline)
J. Install video detection camera

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

TOD NO:XX449-36
SHA NO:PG556A57/B57
US 1 @ QUEENBURY RD

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

SIGNALIZATION
US 1 AND QUEENSBURY ROAD

APPROVALS	REVISIONS
TEAM LEADER	C ADD US 1 SOUTH BOUND EXCLUSIVE/ PERMISSIVE PHASE. UPGRADE TO LED MODULES XX4495185 03/09
ASST. DIV. CHIEF	B 2-15-05 SHA NO.: AYS865185 TRAFFIC SIGNAL RECONSTRUCTION. SYSTEMIZATION AND RECLINE REVISION NO. 1
DIVISION CHIEF	A Reconstruct Traffic Signal
OFFICE DIRECTOR	

ORIGINAL ON FILE

SCALE 1"= 20' ADVERTISED DATE 3. 2009 CONTRACT NO. XX4495185

DESIGNED BY
DRAWN BY T MANK
CHECKED BY
F.A.P. NO.

COUNTY PRINCE GEORGE'S
LOGMILE 16000102.52
TIMS NO. 1781
TOD NO.

TS NO. 551 | DRAWING -- OF | SHEET NO. 1 OF 2

PLOTTED: Thursday, March 12, 2009 AT 09:08 AM
FILE: J:\DATA\1781\CAD\1781G01.dgn

BY: YArgaw