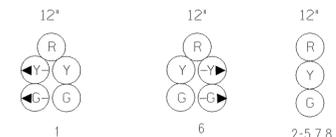


MD 648 IS ASSUMED TO RUN
IN A NORTH/SOUTH DIRECTION

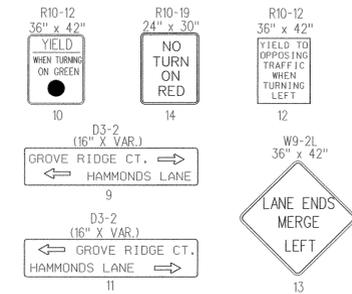
CONSTRUCTION DETAILS

- A. Install base mounted controller and cabinet (size 6) as shown. (Note: install two - 4 in. and two - 2 in. schedule 80 electrical conduit bends).
- B. Remove and salvage existing pole mounted controller cabinet. Disconnect power service wire at disconnect switch. Install 1 1/2 in. LB and rewire power service feed to proposed controller cabinet.
- C. Install 2 in. PVC schedule 80 electrical conduit bend into existing pole foundation.
- D. Rebuild existing handhole as per SHA standards
- E. Use existing pole base.
- F. Use existing handhole.
- G. Use existing conduit.
- H. Install 2 in. PVC schedule 80 electrical conduit - trenched - 90 degree bend at wood pole for proposed telephone drop.
- J. Install 4 in. PVC schedule 80 electrical conduit - trenched.
- K. Install 2 in. PVC schedule 80 electrical conduit - trenched.
- L. Rewire existing signal head.
- M. Install 3 in. PVC schedule 80 electrical conduit - slotted.
- N. Cap and abandon existing conduit.
- O. Use existing handhole. Maintain existing loop detector wire and re-splice to proposed 2 conductor aluminum shielded cable.
- P. Rebuild existing handhole as per SHA standards. Maintain existing loop detector wire and re-splice to proposed 2 conductor aluminum shielded cable.

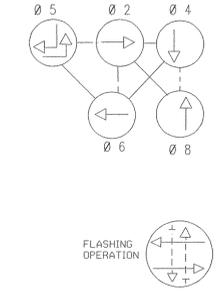
EXISTING SIGNALS



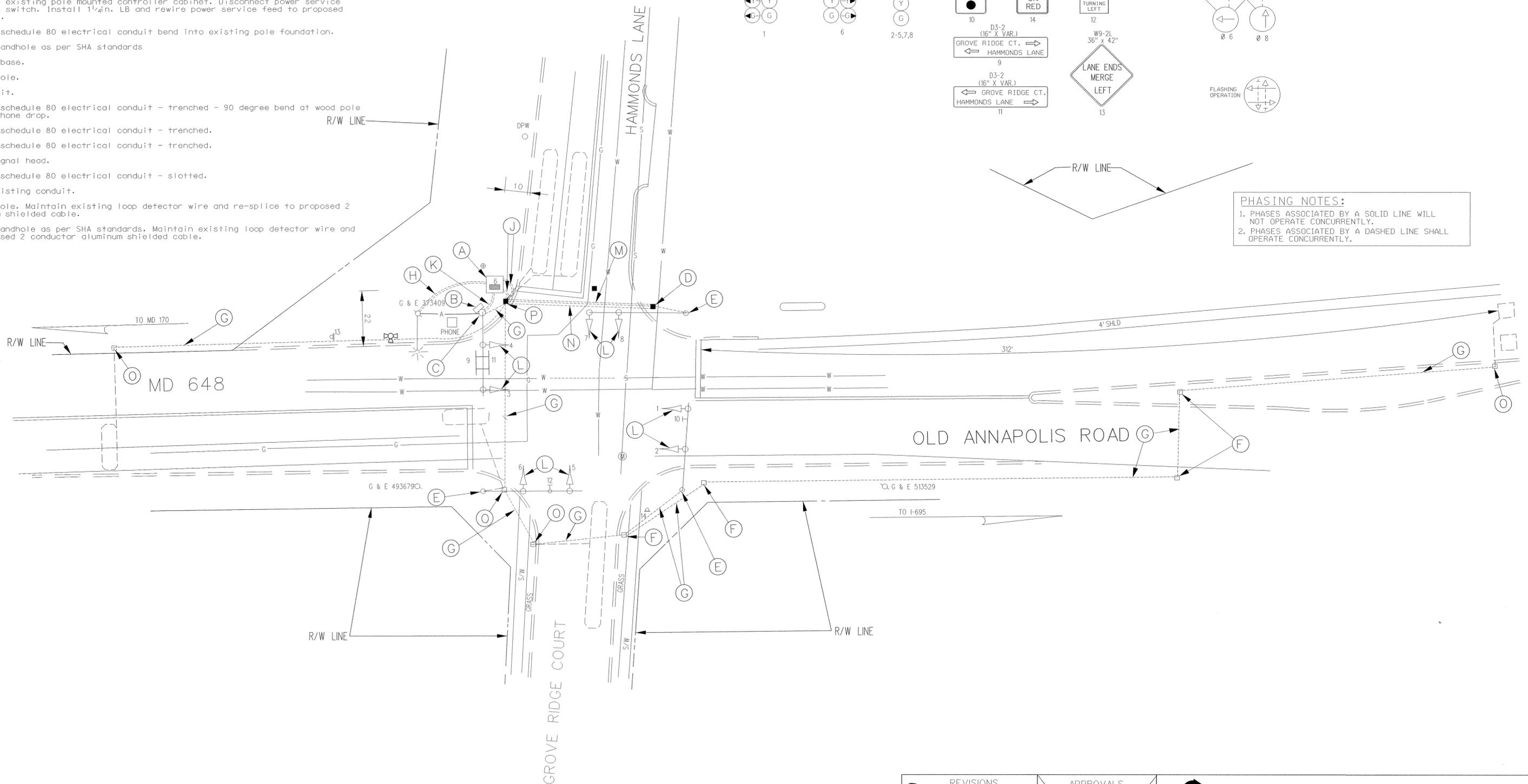
EXISTING SIGNS



NEMA PHASING



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



| UTILITY LEGEND | |
|----------------|------------------|
| T | TELEPHONE CABLES |
| G | GAS MAIN |
| W | WATER MAIN |
| S | SEWER MAIN |
| E | ELECTRIC CABLES |
| A | AERIAL CABLES |
| BC | BURIED CABLE |
| SD | STORM DRAIN |

| GEOMETRIC LEGEND | |
|------------------|---------------------|
| --- | EXISTING GEOMETRICS |
| --- | PROPOSED GEOMETRICS |

EBA
 EBA ENGINEERING, INC.
 9800 METRO DRIVE
 BALTIMORE, MARYLAND 21215
 (410) 298-7171

JDCI
 CONSULTING ENGINEERS
 COLUMBIA, MARYLAND

| REVISIONS | APPROVALS |
|--------------------------------|-----------|
| REPLACE CONTROLLER AND CABINET | |
| ADD PHONE DROP | |
| | |
| | |

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 648 AND
 HAMMONDS LA./GROVE RIDGE COURT

LOGMILE #: 02E64906.66

| | | | |
|---------------|--------------------------------|-----------------|-----------|
| DRAWN BY: | F.A.P. NO. | PLAN SHEET NO.: | SHEET NO. |
| CHECK BY: | S.H.A. NO. <i>AW114A02/BSB</i> | TS 326C | 1 OF 6 |
| SCALE: 1"=20' | COUNTY: ANNE ARUNDEL | | |