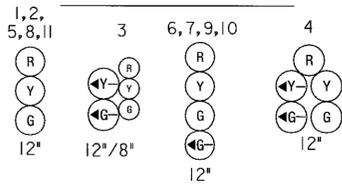


CONSTRUCTION DETAILS

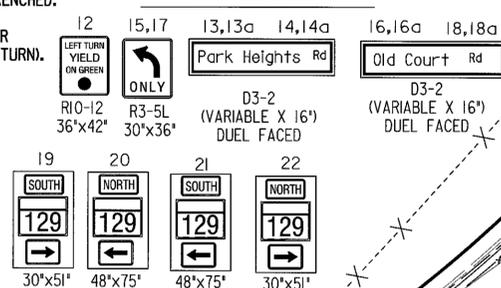
- (A) USE EXISTING CONTROLLER.
- (B) INSTALL 12 IN. X 27 FT. STEEL POLE WITH 38 FOOT SINGLE MAST ARM, SIGNALS, SIGNS. (NOTE: ONE-3 IN. SCHEDULE 80 90 DEGREE PVC ELBOW, 4 - 1 1/2 IN. X 60 IN. ANCHOR BOLTS)
- (C) INSTALL 12 IN. X 27 FT. STEEL POLE WITH A 50 FOOT SINGLE MAST ARM, SIGNALS, SIGNS, 20' STREET LIGHTING ARM WITH 250 WATT LUMINAIRE. (NOTE: ONE - 3 IN. SCHEDULE 80 90 DEGREE PVC ELBOW, 4 - 1 1/4 IN. X 90 IN. ANCHOR BOLTS)
- (D) INSTALL ELECTRICAL HANDHOLE.
- (E) INSTALL 2 INCH PVC SCHEDULE 80 CONDUIT - SLOTTED.
- (F) INSTALL 3 INCH PVC SCHEDULE 80 CONDUIT - TRENCHED.
- (G) INSTALL 3 INCH PVC SCHEDULE 80 CONDUIT - SLOTTED.
- (H) INSTALL 4 INCH PVC SCHEDULE 80 CONDUIT - SLOTTED.
- (I) INSTALL 4 INCH PVC SCHEDULE 80 CONDUIT - TRENCHED.
- (J) INSTALL MICRO LOOP PROBES, 500 FOOT LEAD-IN.
- (K) INSTALL 24 IN. PREFORMED PAVEMENT MARKING TAPE FOR STOP LINE.
- (L) INSTALL 1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT AND FITTING (DETECTOR WIRE SLEEVE).
- (M) USE EXISTING ELECTRICAL HANDHOLE.
- (N) USE EXISTING CONDUIT.
- (O) ABANDON EXISTING LOOP DETECTORS.

- (P) ABANDON EXISTING ELECTRICAL HANDHOLE.
- (Q) ABANDON EXISTING CONDUIT.
- (R) EXISTING SIGNAL POLES, SIGNALS, AND SIGNS TO BE REMOVED.
- (S) INSTALL SIGN - GROUND MOUNT.
- (T) INSTALL 2 IN. PVC SCHEDULE 80 CONDUIT- TRENCHED.
- (U) INSTALL 6' X 30' QUADRUPOLE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 TURN).

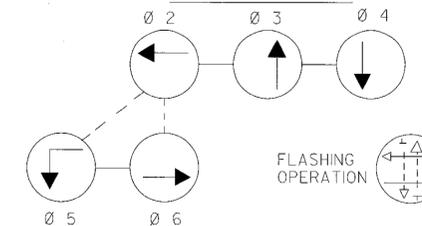
PROPOSED SIGNALS



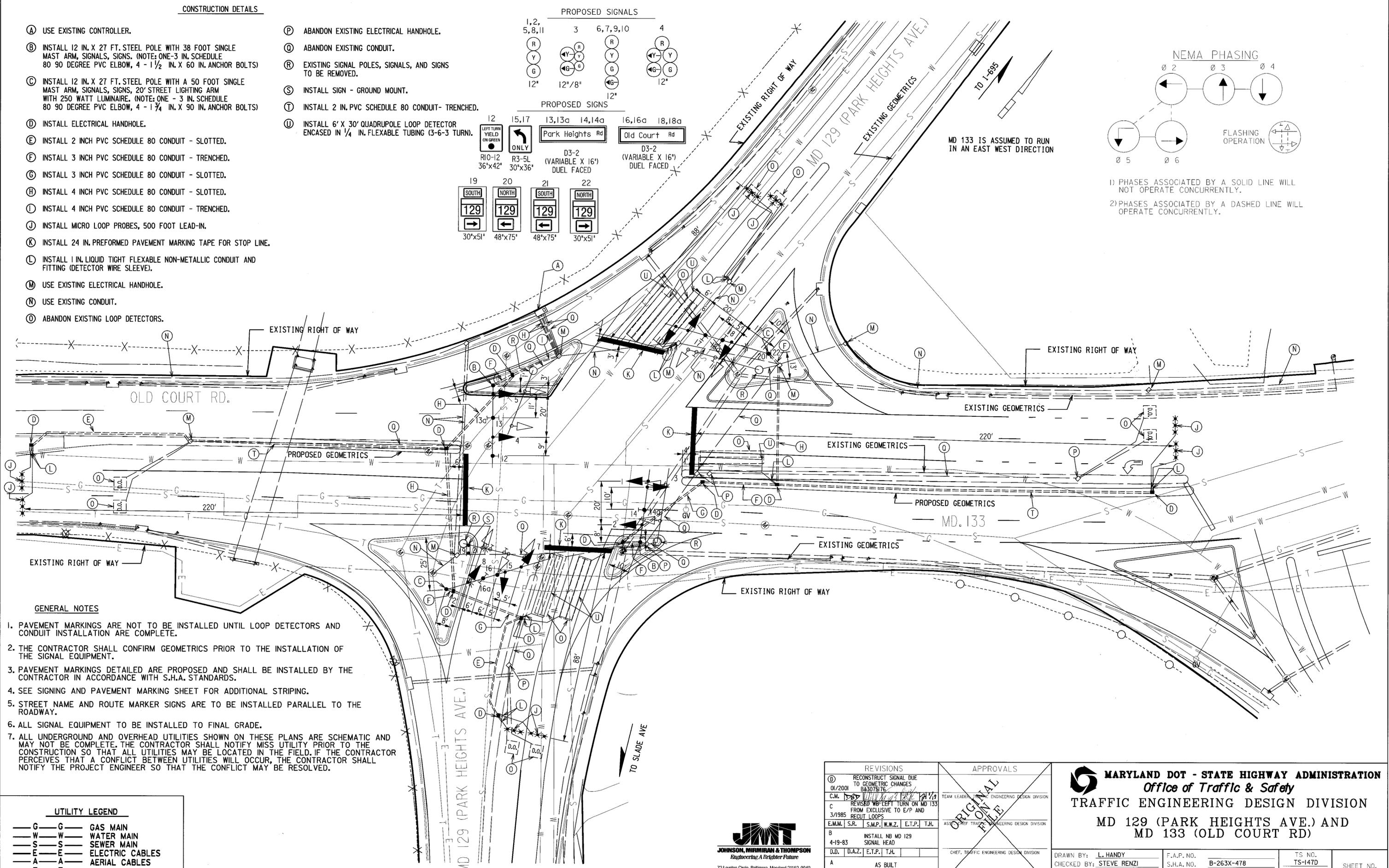
PROPOSED SIGNS



NEMA PHASING



- 1) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- 2) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



GENERAL NOTES

1. PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATION ARE COMPLETE.
2. THE CONTRACTOR SHALL CONFIRM GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
3. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS.
4. SEE SIGNING AND PAVEMENT MARKING SHEET FOR ADDITIONAL STRIPING.
5. STREET NAME AND ROUTE MARKER SIGNS ARE TO BE INSTALLED PARALLEL TO THE ROADWAY.
6. ALL SIGNAL EQUIPMENT TO BE INSTALLED TO FINAL GRADE.
7. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL NOTIFY MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.

UTILITY LEGEND

- G — G — GAS MAIN
- W — W — WATER MAIN
- S — S — SEWER MAIN
- E — E — ELECTRIC CABLES
- A — A — AERIAL CABLES
- T — T — TELEPHONE CABLES



| REVISIONS | | APPROVALS | |
|-----------|---|---|--|
| (D) | RECONSTRUCT SIGNAL DUE TO GEOMETRIC CHANGES 01/2001 | D.D. D.A.Z. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION | E.T.P. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| C.M. | REVISED NB LEFT TURN ON MD 133 FROM EXCLUSIVE TO E/P AND RECUR LOOPS 3/1985 | | |
| B | INSTALL NB MD 129 SIGNAL HEAD 4-19-83 | | |
| A | AS BUILT 10-9-74 | ORIGINAL FILE | |
| B.T. | D.A.Z. | | |

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 129 (PARK HEIGHTS AVE.) AND MD 133 (OLD COURT RD)

| | | |
|-------------------------|------------------------|--------------------|
| DRAWN BY: L. HANDY | F.A.P. NO. | TS NO. |
| CHECKED BY: STEVE RENZI | S.H.A. NO. B-263X-478 | TS-147D |
| SCALE: 1"=20' | COUNTY: BALTIMORE | T.I.M.S. NO. E112 |
| DATE: 12-22-72 | LOG MILE: 0.3012900-67 | SHEET NO. 12 OF 22 |

FILE: P:\M\129 HW 129.dwg DATE: 08/06/00 12:52