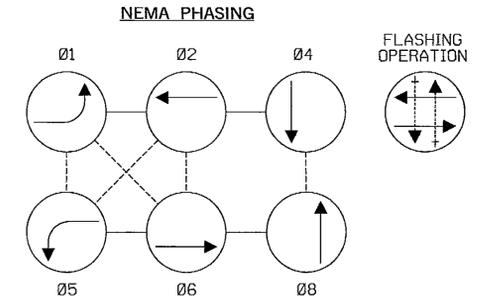
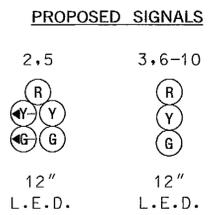
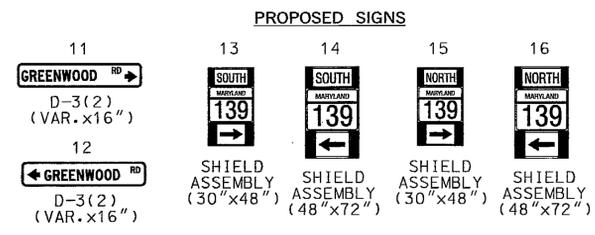
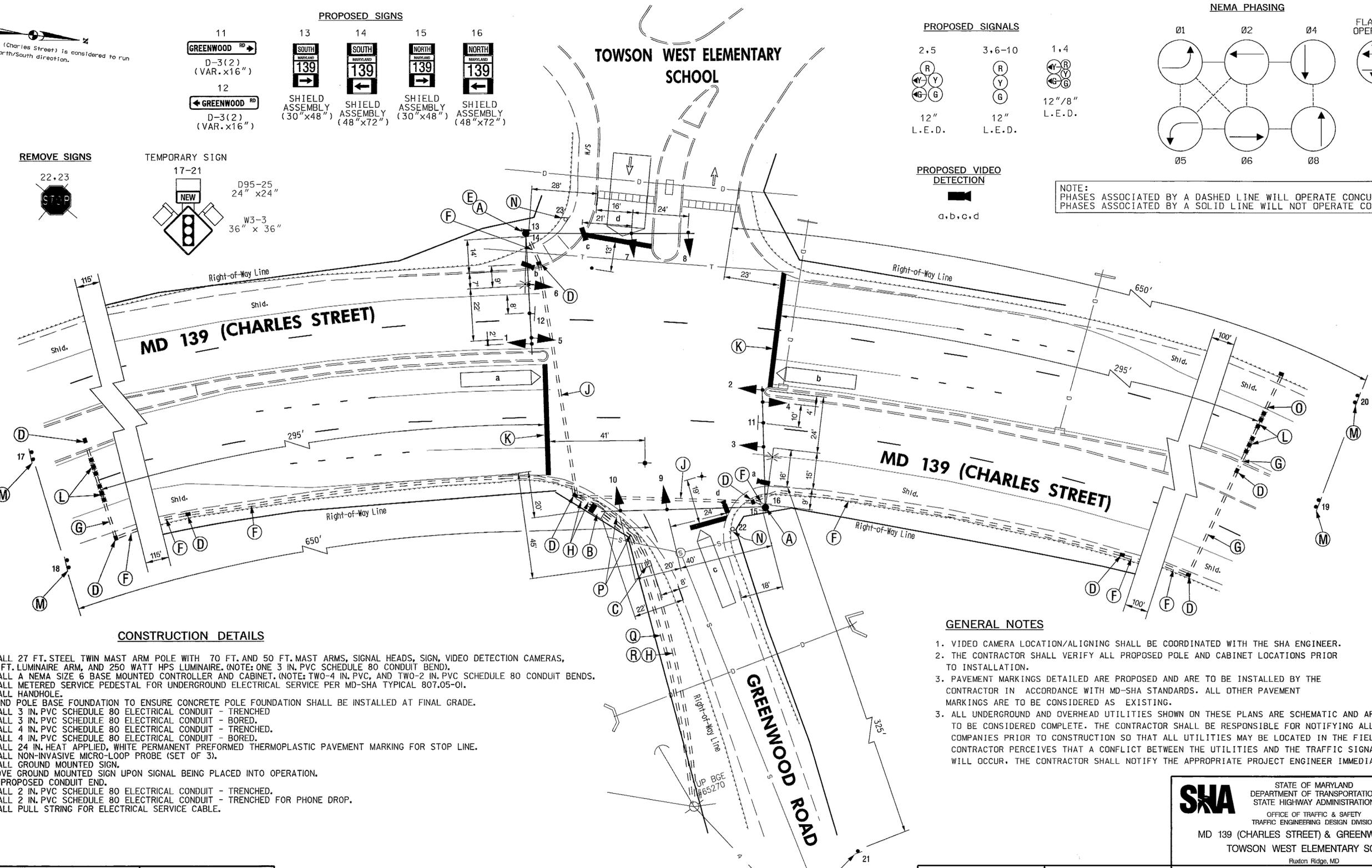
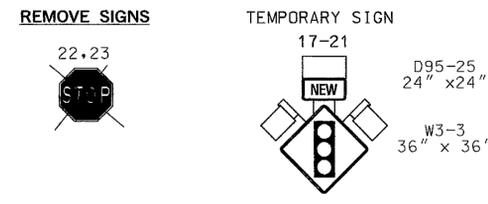


MD 139 (Charles Street) is considered to run in a North/South direction.



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



CONSTRUCTION DETAILS

- A. INSTALL 27 FT. STEEL TWIN MAST ARM WITH 70 FT. AND 50 FT. MAST ARMS, SIGNAL HEADS, SIGN, VIDEO DETECTION CAMERAS, 20 FT. LUMINAIRE ARM, AND 250 WATT HPS LUMINAIRE. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- B. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS).
- C. INSTALL METERED SERVICE PEDESTAL FOR UNDERGROUND ELECTRICAL SERVICE PER MD-SHA TYPICAL 807.05-01.
- D. INSTALL HANDHOLE.
- E. EXTEND POLE BASE FOUNDATION TO ENSURE CONCRETE POLE FOUNDATION SHALL BE INSTALLED AT FINAL GRADE.
- F. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
- G. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- H. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- K. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- L. INSTALL NON-INVASIVE MICRO-LOOP PROBE (SET OF 3).
- M. INSTALL GROUND MOUNTED SIGN.
- N. REMOVE GROUND MOUNTED SIGN UPON SIGNAL BEING PLACED INTO OPERATION.
- O. CAP PROPOSED CONDUIT END.
- P. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- Q. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED FOR PHONE DROP.
- R. INSTALL PULL STRING FOR ELECTRICAL SERVICE CABLE.

GENERAL NOTES

- 1. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- 2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- 3. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MD-SHA STANDARDS. ALL OTHER PAVEMENT MARKINGS ARE TO BE CONSIDERED AS EXISTING.
- 3. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES 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 EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 139 (CHARLES STREET) & GREENWOOD ROAD/
TOWSON WEST ELEMENTARY SCHOOL
Ruxton Ridge, MD

The Traffic Group, Inc.
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Baltimore, Maryland 21236
410-931-6800
1-800-583-8411
Fax 410-931-6801
"Merging Innovation and Excellence"®

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

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

APPROVALS

TEAM LEADER: [Signature] 3-5-10

ASST. DIV. CHIEF: [Signature] 3/3/10

DIVISION CHIEF: [Signature] 3/3/10

OFFICE DIRECTOR: [Signature] 3/4/10

REVISIONS

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE MARCH 2, 2010 CONTRACT NO. EW996M82

DESIGNED BY FRANK HOECKEL COUNTY BALTIMORE
DRAWN BY FRANK HOECKEL LOGMILE 03013902.61
CHECKED BY TMS NO. K-156
F.A.P. NO. N/A TOD NO.

TS NO. 4741 DRAWING SG-01 OF 01 SHEET NO. 1 OF 2