



- CONSTRUCTION DETAILS**
- A. Install base mounted NEMA 6 cabinet/controller, and all necessary equipment.
 - B. Install 27 ft. steel mast arm pole with 70 ft. mast arm, vehicle signal heads, signs, video detection equipment, 15 ft. luminaire arm, 250 W HPS luminaire, 1 in. riser for phone drop, and all necessary equipment for an overhead electrical MD-SHA Type B-8 service (Note: one 3 in. and one 2 in. PVC conduit bends).
 - C. Install handhole.
 - D. Install 16 ft. pedestal pole with transformer base with vehicle signal heads (Note: one 2 in. PVC elbow).
 - E. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
 - F. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
 - G. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
 - H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
 - J. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
 - K. Install non-invasive microloop probe.
 - L. Remove existing sign.
 - M. Install ground mounted sign as shown.
 - N. Install 24 in. wide pavement marking - white for stop line.
 - O. Existing street light and wood pole removed by others.
 - P. Proposed overhead electrical service by BGE.

- NOTES**
1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
 2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
 3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
 4. 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.
 5. The new W3-3 sign on Singer Road shall be removed after the initial warning period at the direction of the District Traffic Engineer.

GEOMETRIC LEGEND

— — — — — EXISTING GEOMETRICS
 = = = = = PROPOSED GEOMETRICS

UTILITY LEGEND

— G — GAS MAIN
 — W — WATER MAIN
 — S — SEWER MAIN
 — E — ELECTRIC CABLES
 — D — STORM DRAIN
 — A — AERIAL CABLES
 — T — TELEPHONE CABLES

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MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 (Traffic Signal Plan)
MD 152 (Mountain Road) at Singer Road

DRAWN BY: Frank Hoeckel	F.A.P. NO. N/A	TS NO. 4183
CHECKED BY:	S.H.A. NO. BW996M82	SHEET NO. 1 OF 2
SCALE: 1" = 20'	COUNTY: Harford	T.I.M.S. NO. E-261
DATE: August 6, 2002	LOG MILE: 12015205.24	

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