



CONSTRUCTION DETAILS

- A. Install base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground electrical MD-SHA Type B-2 service.
- B. Install 27 ft. steel mast arm pole with 70 ft. mast arm, vehicle signal heads, signs, video camera, opticom, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
- C. Install 27 ft. steel mast arm pole with a 70 ft. mast arm, vehicle signal heads, signs, and video cameras (Note: one 3 in. PVC conduit bend).
- D. Install 27 ft. steel mast arm pole with a 50 ft. mast arm vehicle signal heads, signs, video camera, opticom, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
- E. Install handhole.
- F. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- G. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- H. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- J. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- K. Install Non-Invasive probe (set of 3).
- L. Install ground mounted sign as shown.
- M. Install 24 in. wide pavement marking - white for stop line.
- N. Install as part of interconnect plan.
- O. Remove existing ground mounted sign. (once signal has been placed in a flashing operation).
- P. W-Beam traffic barrier designed and installed by others.
- Q. Install 10 in. wide white solid pavement marking for painted island.
- R. Install 5 in. wide double yellow pavement marking for center line.
- S. Proposed underground electrical service by PEPCO.
- T. Remove existing stop bar by grinding.

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 MD-SHA 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.

GEOMETRIC LEGEND	
	EXISTING GEOMETRICS
	PROPOSED GEOMETRICS

UTILITY LEGEND	
	GAS MAIN
	WATER MAIN
	SEWER MAIN
	ELECTRIC CABLES
	STORM DRAIN
	AERIAL CABLES
	TELEPHONE CABLES

REVISIONS

APPROVALS

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
 (Traffic Signal Plan)
MD 228 at Manning Road

DRAWN BY: Frank Hoeckel	F.A.P. NO. N/A	TS NO. 4-196	SHEET NO. 1 OF 3
CHECKED BY:	S.H.A. NO. BW996M82	T.I.M.S. NO. F-238	
SCALE: 1" = 20'	COUNTY: Prince George's		
DATE: September 17, 2002	LOG MILE: 160228.0054		

F:\1997\997-0603\DESIGN\shp02-2.dwg 9/18/2002