

CONSTRUCTION DETAILS

- A. Use new base mounted cabinet/controller. Install new interconnect cable.
- B. Use new conduit installed as part of traffic signal plan. Install new interconnect cable.
- C. Install handhole.
- D. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway. Install new interconnect cable.
- E. Replace existing overhead interconnect cable with new interconnect cable.
- F. Use new 2 in. PVC riser and 2 in. weatherhead installed as part of the Traffic Signal Plan. Install new interconnect cable.
- G. Remove existing overhead interconnect cable.
- H. Remove existing riser from utility pole.
- J. Remove existing riser and wood pole used for existing overhead interconnect cable.
- K. Remove existing riser, traffic signal interconnect cabinet, and electrical service from utility pole.
- L. Use new steel pole and 3 in. weatherhead. Install new interconnect cable.

CONTACT LIST

The contact persons for District #4 are as follows:

Mr. Dave Malkowski
District Engineer
410-321-2800

Mr. Randall Scott
Assistant District Engineer - Traffic
410-321-2800

Mr. Joseph McMahon
Assistant District Engineer - Utility
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Mr. Dave Ramsey
Assistant District Engineer - Maintenance
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Mr. Richard L. Daff
Chief, Traffic Operations Division
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PROJECT DESCRIPTION

I. GENERAL

This portion of the project involves the installation/replacement of the existing traffic signal interconnect cable along MD 140 from Nalyors Lane to Seven Mile Lane/Colonial Road. MD 140 is considered to run in a north/south direction.

II. SYSTEM OPERATION

The intersections to be interconnected are as follows utilizing a 12-pair voice grade telemetry interconnect cable:

Nalyors Ln., Old Court Rd., McHenry Ave./ Walker Ave., Church Ln., Sudbrook Ln., Sherwood Ave., Milford Mill Rd./Slade Ave., Old Milford Mill Rd., and Seven Mile Ln./Colonial Rd.

System sampling loop detectors are to be installed adjacent to the main line loop detectors at the following intersections:

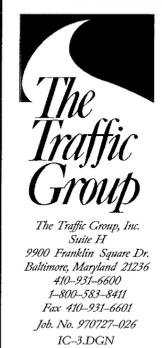
Old Court Road, Sudbrook Lane, and Milford Mill Road/Slade Avenue.

EQUIPMENT LIST

B. Equipment to be furnished and/or installed by the Contractor. All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Category Code No.	Quantity	Units	Description
811001	2	EA	Handhole.
822001	4500	LF	12-pair voice [Jelly filled] grade telemetry interconnect cable (No. 19 A.W.G.).
822002	4300	LF	12-pair voice [Self supporting] grade telemetry interconnect cable (No. 19 A.W.G.).
805145	850	LF	2 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
800000	Lump Sum	LS	Removal of existing traffic signal equipment.

NOTE: Interconnect cable shall be changed over during non-peak hours.



REVISIONS		APPROVALS	
		ASST. TRAFFIC ENGINEERING DESIGN DIVISION	
		ASST. DISTRICT ENGINEER - TRAFFIC	
		CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
		DIRECTOR, OFFICE OF TRAFFIC & SAFETY	
MDOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION (Interconnect Plan) MD 140 from Nalyors Lane to Seven Mile Lane/ Colonial Road		DATE: December 2, 1999 DRAWN BY: CP/FJH CHK. BY: [Signature] SCALE: 1" = 50'	F.A.P. NO. SEE TITLE SHEET S.H.A. NO. BA3035183 COUNTY: Baltimore
PLAN SHEET NO.: 3957X2		SHEET NO.: 21 of 21	

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