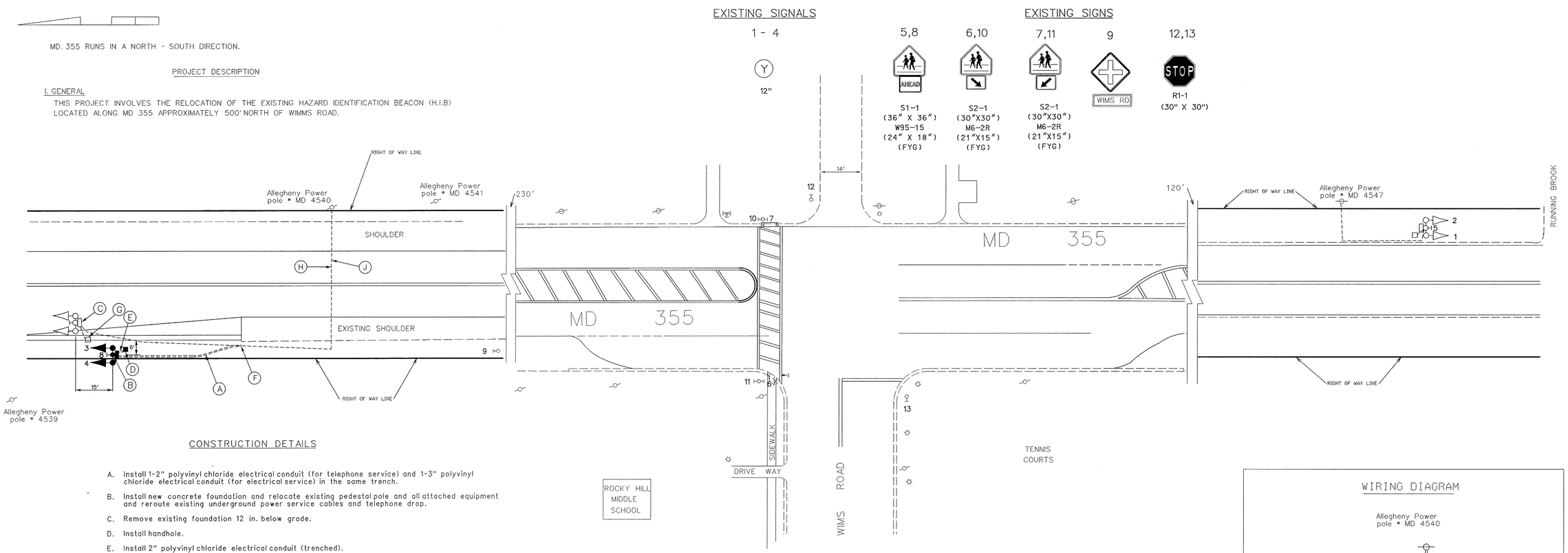
MD. 355 RUNS IN A NORTH - SOUTH DIRECTION.

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE RELOCATION OF THE EXISTING HAZARD IDENTIFICATION BEACON (H.I.B) LOCATED ALONG MD 355 APPROXIMATELY 500' NORTH OF WIMMS ROAD.



CONSTRUCTION DETAILS

A. Install 1-2" polyvinyl chloride electrical conduit (for telephone service) and 1-3" polyvinyl chloride electrical conduit (for electrical service) in the same trench.

B. Install new concrete foundation and relocate existing pedestal pole and all attached equipment and reroute existing underground power service cables and telephone drop.

C. Remove existing foundation 12 in. below grade.

D. Install handhole.

E. Install 2" polyvinyl chloride electrical conduit (trenched).

F. Locate existing 2" and 3" polyvinyl chloride electrical conduit and attach proposed 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) and 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

G. Remove existing handhole (cap and abondon existing conduit).

H. Existing underground electrical service by Allegheny Power (to be pulled back and rerouted through conduit as shown.)

J. Existing underground telephone service by Bell Atlantic (to be pulled back and rerouted through conduit as shown.)

EQUIPMENT LIST

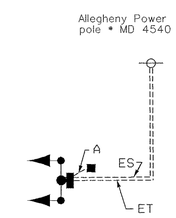
A. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

SPEC. NUMBER	DESCRIPTION	QUANTITY
205	Test pit excavation.	1 C.Y.
801	Furnish and install concrete for signal foundation.	1 C.Y.
	Anchor bolts (1"X36")	4 EA
805	Furnish and install 2" schedule 80 rigid polyvinyl chloride - trenched	85 L.F.
805	Furnish and install 3" schedule 80 rigid polyvinyl chloride conduit - trenched	70 L.F.
811	Furnish and install electrical handhole.	1 EA
810	Furnish and install ground rod - 3/4" x 10'.	1 EA
810	Furnish and install No. 6 AWG stranded bare copper ground wire.	65 L.F.
	Remove existing handhole	1 EA
	Relocate existing steel pole with traffic signal heads and flasher cabinet.	1 EA
	Remove and dispose of existing foundation 12" below grade.	1 EA

GENERAL NOTES:

1. The contractor must contact Allegheny Power to coordinate the shuting down of power to the Flasher and subsequent pulling back and rerouting of the service cable. This work must be done during off peak hours.

WIRING DIAGRAM



A = NO. 6 STRANDED BARE COPPER GROUND WIRE
ES = EXISTING UNDERGROUND ELECTRICAL SERVICE TO BE RELOCATED.
ET = EXISTING TELEPHONE DROP

REVISION "A"

STREET TRAFFIC STUDIES, LTD.
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Glen Burnie, MD 21061
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3784.DGN

REVISIONS	APPROVALS
	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. DISTRICT ENGINEER, TRAFFIC
A 3-20-00 RELOCATE EB SCHOOL FLASHER BW996M82	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
RRZ	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

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

MD 355 @ WIMMS ROAD

DRAWN BY: J.A.H.	F.A.P. NO.	TS NO. 3894A	SHEET NO.
CHECKED BY: M. Rucker	S.H.A. NO.		
SCALE: Not to scale	COUNTY: MONTGOMERY	T.I.M.S. NO. D-231	01 OF 01
DATE: 5/99	LOG MILE: 150355021.56		