PROJECT DESCRIPTION

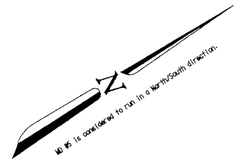
I. GENERAL

This portion of the project involves the relocation of the existing intersection control beacon at the intersection of MD 85 (Buckeystown Pike) and Executive Way in Frederick County, Maryland. MD 85 is considered to run in a north/south direction.

II. INTERSECTION OPERATION

The intersection operates in a flashing mode. There are flashing yellow indications for the MD 85 movements. There are flashing red indications for the Executive Way movements.

All existing traffic signal equipment shall be utilized at this intersection.

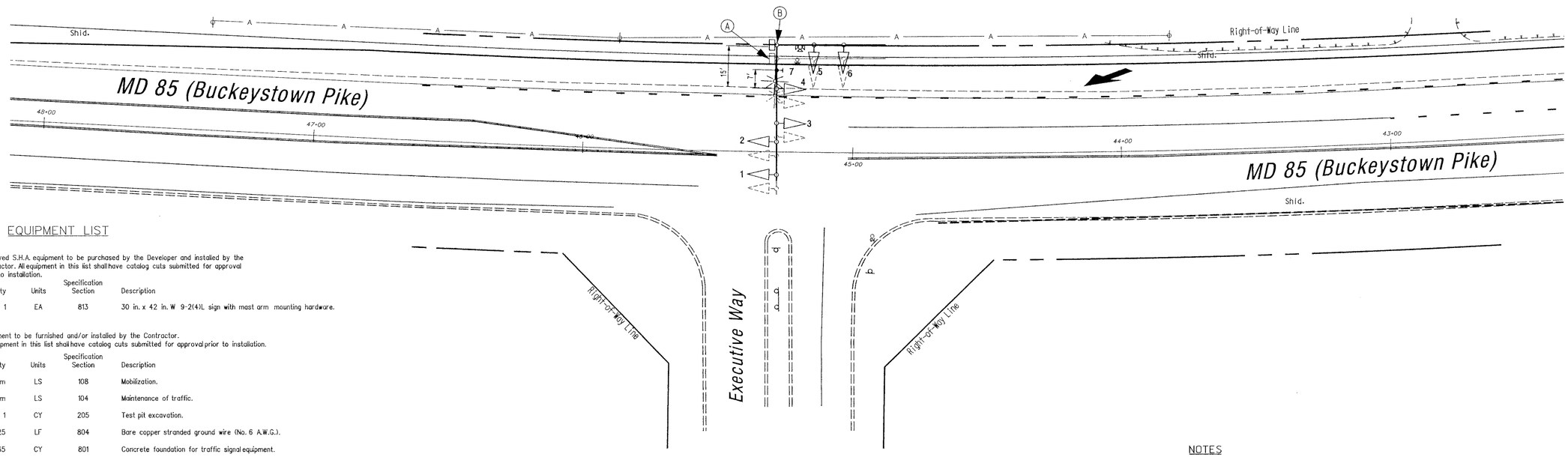


PROPOSED SIGNS

7

W9-2(4)L
42" x 30"

EXISTING SIGNALS



EQUIPMENT LIST

A. Approved S.H.A. equipment to be purchased by the Developer and installed by the Contractor. All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Specification Section	Description
1	EA	813	30 in. x 42 in. W 9-2(4)L sign with mast arm mounting hardware.

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.

Quantity	Units	Specification Section	Description
Lump Sum	LS	108	Mobilization.
Lump Sum	LS	104	Maintenance of traffic.
1	CY	205	Test pit excavation.
25	LF	804	Bare copper stranded ground wire (No. 6 A.W.G.).
2.65	CY	801	Concrete foundation for traffic signal equipment.
1	EA	804	Ground rod -3/4in. diameter x 10 ft. length.
4	EA	---	1-3/4in. x 90 in. anchor bolts.
Lump Sum	LS	---	Remove and reset existing traffic signal pole and attached equipment.
Lump Sum	LS	---	As-built for S.H.A. [on CADD].

C. Existing equipment to be removed by the Contractor shall become the property of the Contractor.

CONSTRUCTION DETAILS

A. Relocate existing mast arm pole, mast arm, and all attached equipment to new foundation.
B. Install relocated mast arm pole, mast arm, and all attached equipment on new foundation. Realign vehicle signal heads as necessary. Install sign as shown.

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. Revision 'B' is a revision to the traffic signal built in (Month), 19 under S.H.A. Contract No.: XX-XXX-XXX-XXX.
5. 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

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

Revision " B"

The Traffic Group
The Traffic Group, Inc.
410-931-6600
Fax 410-931-6601

REVISIONS

B Relocation of existing mast arm & all attached equipment. June 27, 2001
S.H.A. No.: BW996M82
FB/FH

APPROVALS

ORIGINAL ON FILE
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)
MD 85 (Buckeystown Pike) at Executive Way

DRAWN BY: Name	F.A.P. NO. N/A	TS NO. 4122	SHEET NO.
CHECKED BY: Name	S.H.A. NO. BW996M82		
SCALE: 1" = 20'	COUNTY: Frederick	T.I.M.S. NO. E570	7 OF 7
DATE: Date	LOG MILE: 10008508.20		

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