PROJECT DESCRIPTION

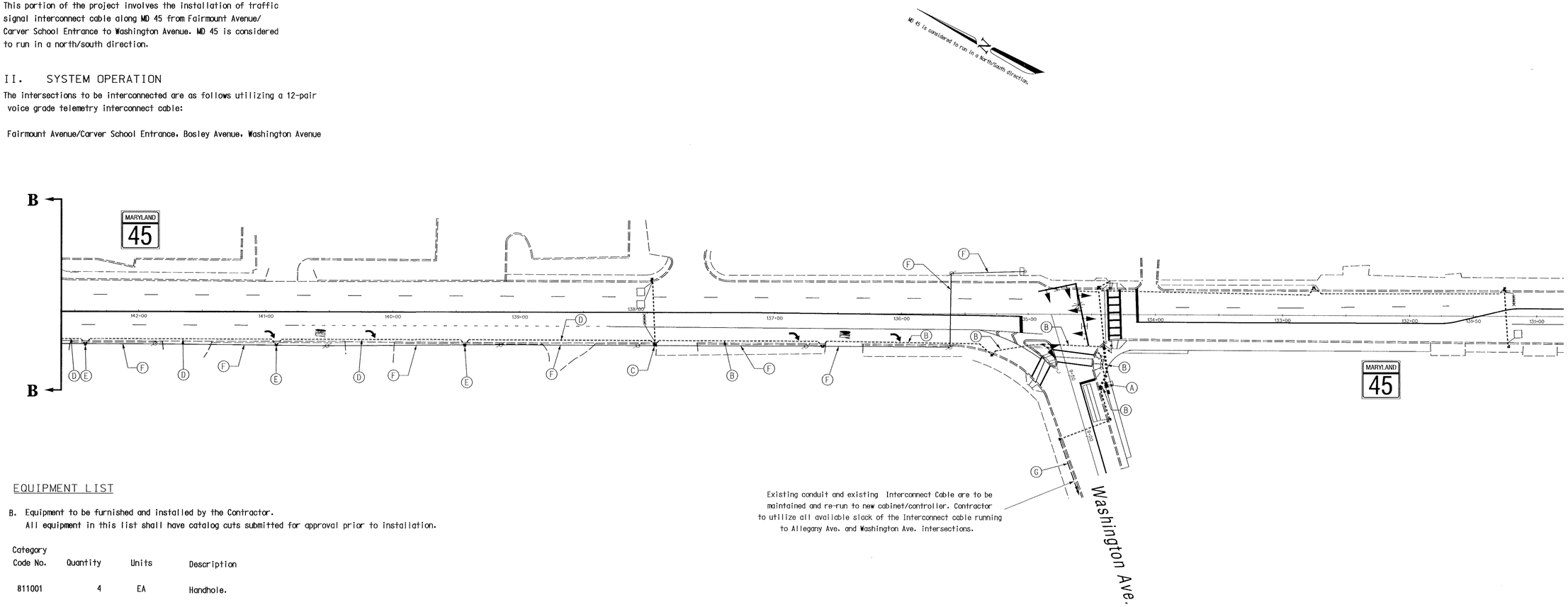
I. GENERAL

This portion of the project involves the installation of traffic signal interconnect cable along MD 45 from Fairmount Avenue/ Carver School Entrance to Washington Avenue. MD 45 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:

Fairmount Avenue/Carver School Entrance, Bosley Avenue, Washington Avenue



EQUIPMENT LIST

B. Equipment to be furnished and 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	4	EA	Handhole.
822001	3500	LF	12-pair voice [jelly filled] grade telemetry interconnect cable (No. 19 A.W.G.).
805155	1300	LF	2 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
800000	Lump Sum	LS	Relocate existing Interconnect Cable.

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. Use new handhole installed as part of traffic signal plan.
D. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway. Install new interconnect cable.
E. Install handhole.
F. Remove existing overhead interconnect cable.
G. Existing Interconnect to be utilized.

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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REVISIONS

APPROVALS

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
(Interconnect Plan)

MD 45 from Fairmount Ave. to Washington Ave

DRAWN BY: Frank Hoeckel	F.A.P. NO. XXX	TS NO. 3984X	SHEET NO.
CHECKED BY:	S.H.A. NO. BA3305183	T.I.M.S. NO.	26 OF 44
SCALE: 1" = 40'	COUNTY: Baltimore		
DATE: December 16, 1999	LOG MILE:		

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