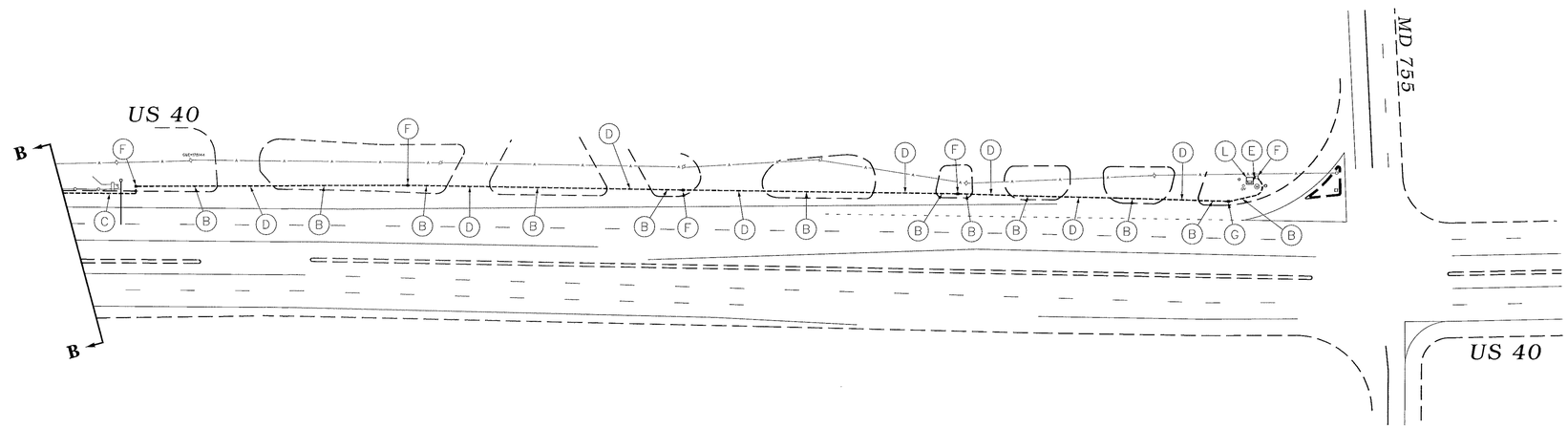
FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			



CONSTRUCTION DETAILS

A. Install 12 in. x 30 ft. steel strain pole. (Note: 1 - 2 in. PVC conduit bend)
B. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
C. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
D. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
E. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
F. Install handhole.
G. Install 1/4 in. steel span wire. Attach communication cable to span wire.
H. Use existing conduit.
J. Use existing handhole.
K. Use existing base mounted cabinet and install communication cable.
L. Use existing base mounted cabinet. Install a 4 in. conduit bend and communication cable.

EQUIPMENT LIST

A. Equipment to be furnished by S.H.A.

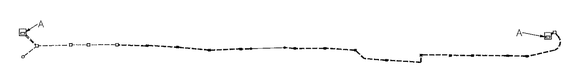
Item No.	Quantity	Units	Description
9062	2	EA	12 in. x 30 in. steel strain pole (1-3/4 in. x 90 in. anchors included).

EQUIPMENT LIST Cont.

B. Equipment to be furnished and/or installed by the Contractor.

Item No.	Quantity	Units	Description
1001	Lump Sum	LS	Maintenance of traffic per assignment.
8001	5.3	CY	Concrete for signal foundation.
8005	150	LF	Steel span wire - 1/4 in. diameter.
8015	1650	LF	2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
8016	400	LF	2 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
8017	300	LF	2 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
8021	10	LF	4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
8033	13	EA	Electrical handhole.
8028	3275	LF	12 pair communication cable, jelly filled (underground).
8023	1	EA	4 in. conduit bend in existing base.
8003	1	EA	INSTALL STRAIN POLE

WIRING DIAGRAM



A - 12-Pair Communication Cable, Jelly Filled [MD 24 to MD 755 run]

The Traffic Group

The Traffic Group, Inc.
Suite 600
40 W. Chesapeake Avenue
Towson, Maryland 21204
410-583-8405
1-800-583-8411
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Job. No. 9707227
ICPLAN.DGN

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

REVISIONS

APPROVALS

3/11/98
ASST. DIVISION CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

3/11/98
CHIEF, TRAFFIC/ ENGINEERING DESIGN DIVISION

3-11-98
ASST. DISTRICT ENGINEER - TRAFFIC

3/11/98
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

DRAWN BY: Jamie Storck
DES. BY: John Boling
CHK. BY: 3-11-98

(Interconnect Plan)

US 40 from MD 24 to MD 755

COUNTY: HARFORD
LOG MILE *

DATE: March 6, 1998
SCALE: 1" = 50'
F.A.P. NO. N/A
S.H.A. NO. AW112A671B59
TS/STD. NO. 3788X1
SHEET NO. 2 of 2