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

SIGNALS

1,2,5,6 — HR, YY, HG — 12"

3,4,7,8, 11,14 — R, Y, G — 12"

9,10,12,13 — R, Y, G, HG — 12"

SIGNS

15: ← Business Center Way / Woodbridge Center Way → — D 3-2, 32" x Var.

16: ← Woodbridge Center Way / Business Center Way → — D 3-2, 32" x Var.

17,19: ONLY — R 3-5(L), 30" x 36"

18,20: ONLY — R 3-5, 30" x 36"

US 40 is considered to run in a East/West direction.

N

Equipment List 'A'

Equipment to be supplied by the S.H.A. and installed by the Contractor.

DESCRIPTION

NO SHA MATERIALS

Equipment List 'C'

DESCRIPTION

NO REMOVAL AND SALVAGE ITEMS

NEMA PHASING

Ø5 Ø6 Ø4 Ø3

Ø1 Ø2

PHASING NOTES:

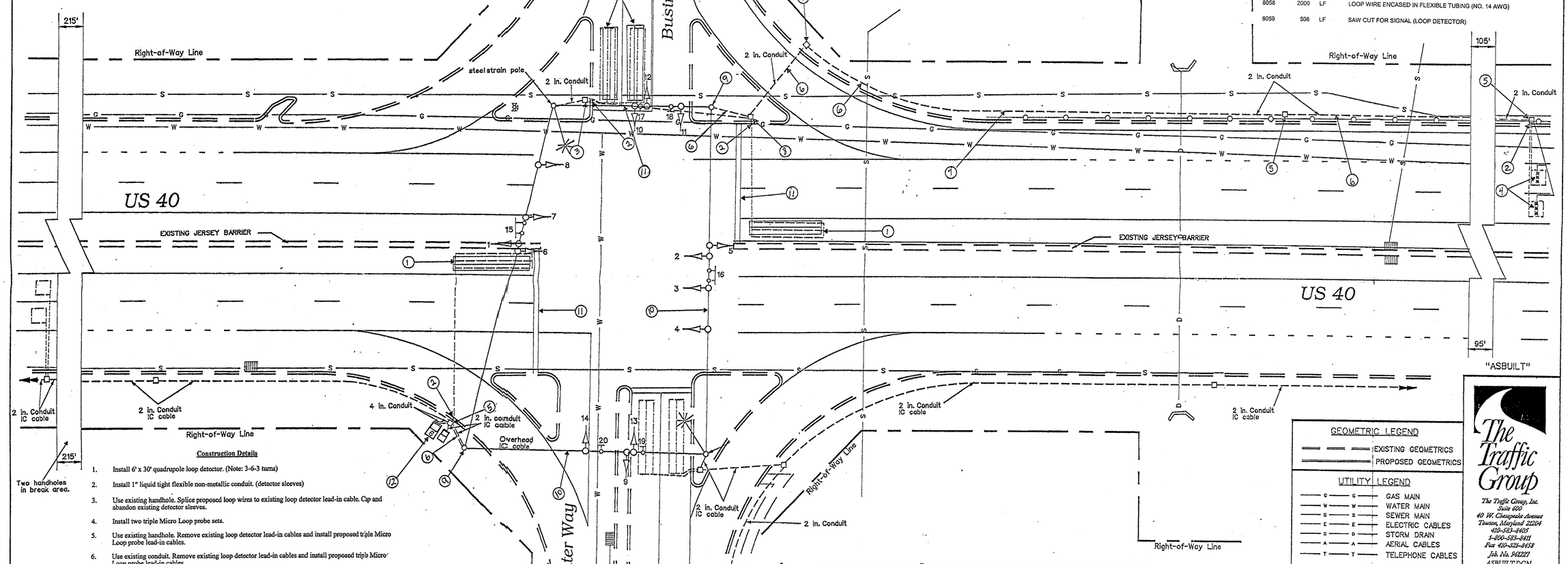
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

FLASHING OPERATION

Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
2002	5	CY	TEST PIT EXCAVATION
5004	135	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5005	135	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
6014	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8016	30	LF	2 INCH SCHEDULE 80 RIDGID PVC CONDUIT - TRENCHED
8033	20	LF	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8037	2	EA	MICROLOOP PROBE 1000 FOOT LEAD IN CABLE
8058	2000	LF	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8059	506	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)



Construction Details

1. Install 6' x 30' quadrupole loop detector. (Note: 3-6-3 turns)
2. Install 1" liquid tight flexible non-metallic conduit. (detector sleeves)
3. Use existing handhole. Splice proposed loop wires to existing loop detector lead-in cable. Cap and abandon existing detector sleeves.
4. Install two triple Micro Loop probe sets.
5. Use existing handhole. Remove existing loop detector lead-in cables and install proposed triple Micro Loop probe lead-in cables.
6. Use existing conduit. Remove existing loop detector lead-in cables and install proposed triple Micro Loop probe lead-in cables.
7. Test pit this area to find break in existing conduit run. Repair break with 2" schedule 80 polyvinyl chloride electrical conduit. (trenched) Install proposed triple Micro Loop probe lead-in cables.
8. Use existing handhole. Remove existing loop detector lead-in cables for phase 2 and install proposed triple Micro Loop probe lead-in cables. Splice proposed loop wires to existing loop detector lead-in cable. Cap and abandon detector sleeves.
9. Use existing strain pole. Remove existing loop detector lead-in cables for phase 2 and install proposed triple Micro Loop probe lead-in cables.
10. Use existing span wire. Remove existing loop detector lead-in cables for phase 2 and install proposed triple Micro Loop probe lead-in cables.
11. Remove stop line and re-install in accordance to SHA Standards.
12. Use existing controller cabinet. Remove existing loop detector lead-in cables and install proposed triple Micro Loop probe lead-in cables. Traffic Operations Division personnel will re-tune amplifiers after completion of proposed detector work.

TRAFFIC SIGNAL SYMBOLS

EXISTING		PROPOSED
	HANDHOLE	
	LOOP DETECTOR(6X30)	
	LOOP DETECTOR(6X6)	
	CONDUIT	
	MICRO LOOP PROBE SET	
	ZOOM LENS IMAGE SENSOR	

REVISIONS

Replace failed loop detectors Install probe sets 05/2004

ASBUILT S.H.A. No.: May 16, 1997

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

UTILITY LEGEND

GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
STORM DRAIN
AERIAL CABLES
TELEPHONE CABLES

The Traffic Group

The Traffic Group, Inc.
Suite 600
40 W. Chesapeake Avenue
Towson, Maryland 21204
410-583-9405
1-800-583-9411
Fax 410-321-8458
Job. No. 962227
ASBUILT.DGN

MDOT – STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

DRAWN BY: G. Cook

DES. BY: G. Cook

CHK. BY: (Chk By)

(Traffic Signal Plan)

US 40 @ Wooodbridge Center Way/Business Center Way

COUNTY: HARFORD

LOG MILE

DATE: June 1, 1987

SCALE: 1" = 20'

F.A.P. NO. N/A

S.H.A. NO.

TS/STD. NO. 2358D

SHEET NO. 1 of 1

SHA#: 23855TR5097013 TSD#: OT-2003-13