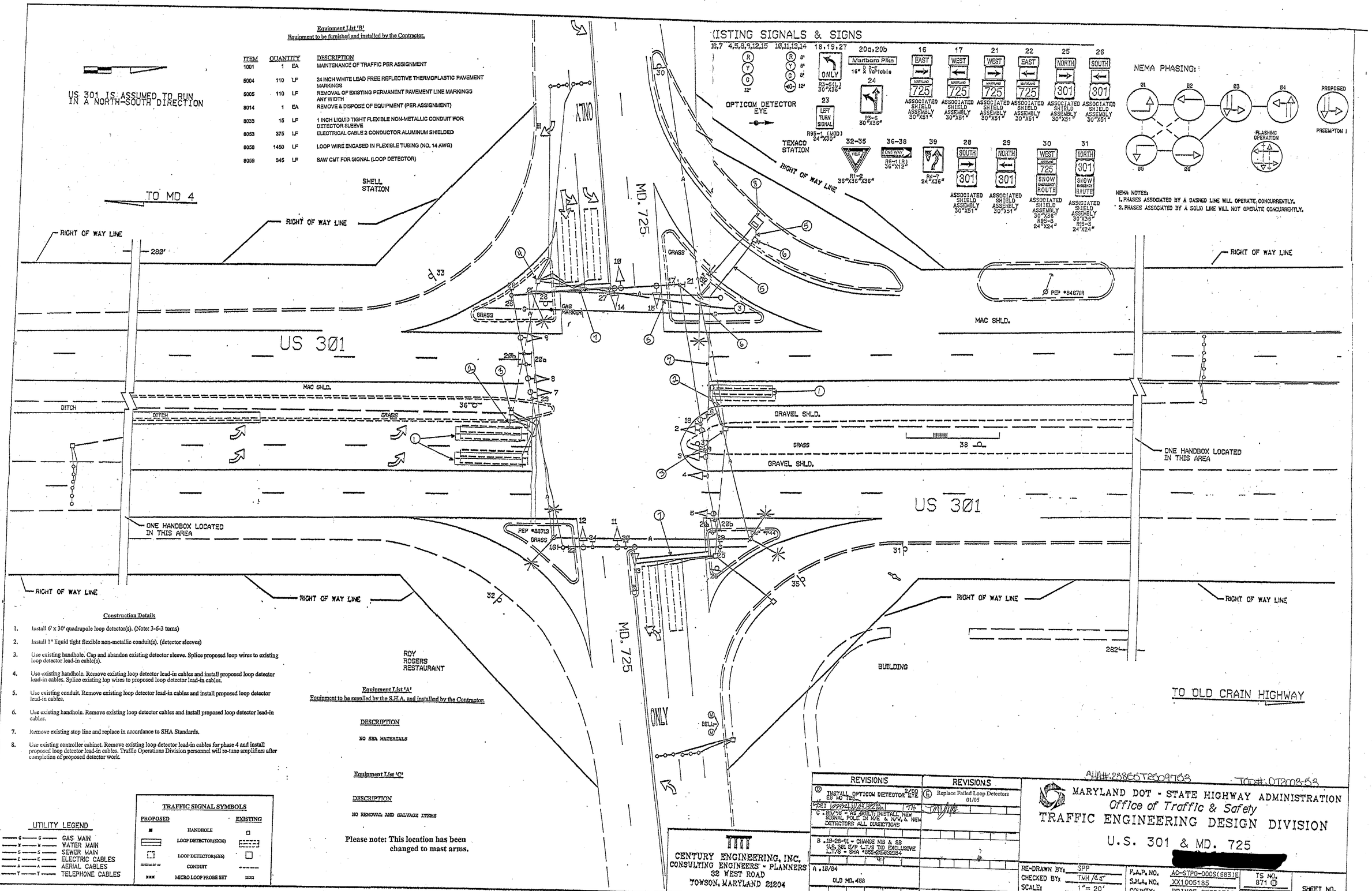
Equipment List 'B'
Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5004	110	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5005	110	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8014	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8033	15	LF	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8053	375	LF	ELECTRICAL CABLE 2 CONDUCTOR ALUMINUM SHIELDED
8058	1450	LF	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8059	345	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)



Construction Details

1. Install 6' x 30' quadrupole loop detector(s). (Note: 3-6-3 turns)
2. Install 1" liquid tight flexible non-metallic conduit(s). (detector sleeves)
3. Use existing handhole. Cap and abandon existing detector sleeve. Splice proposed loop wires to existing loop detector lead-in cable(s).
4. Use existing handhole. Remove existing loop detector lead-in cables and install proposed loop detector lead-in cables. Splice existing lop wires to proposed loop detector lead-in cables.
5. Use existing conduit. Remove existing loop detector lead-in cables and install proposed loop detector lead-in cables.
6. Use existing handhole. Remove existing loop detector cables and install proposed loop detector lead-in cables.
7. Remove existing stop line and replace in accordance to SHA Standards.
8. Use existing controller cabinet. Remove existing loop detector lead-in cables for phase 4 and install proposed loop detector lead-in cables. Traffic Operations Division personnel will re-tune amplifiers after completion of proposed detector work.

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

Please note: This location has been changed to mast arms.

UTILITY LEGEND

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

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
■	HANDHOLE	□
▭	LOOP DETECTOR(6X30)	▭
⬚	LOOP DETECTOR(6X6)	⬚
═══	CONDUIT	═══
■■■	MICRO LOOP PROBE SET	■■■

REVISIONS

D INSTALL OPTICOM DETECTOR EYE 2/00
ES MD 725
C - 05/96 - AS BUILT INSTALL NEW SIGNAL POLE IN N/E & N/W, & NEW DETECTORS ALL DIRECTIONS
B - 10-28-91 - CHANGE NB & SB U.S. 301 E/P L.T.S TO EXCLUSIVE L.T.S - SHA #865-25032184
A - 12/84
OLD MD. 428

REVISIONS

E Replace Failed Loop Detectors 01/05

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

SHA#: 23865T25097153 TAD#: OT2003-53

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
U.S. 301 & MD. 725
[redacted]

RE-DRAWN BY:	SPP	F.A.P. NO.	AC-STPG-000S(683)E	TS NO. 871 D	SHEET NO. 9 OF 24
CHECKED BY:	TMH/CJS	S.H.A. NO.	XX1005185		
SCALE:	1" = 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. D565	
DATE:	2/21/00	LOG MILE:	16030114.80		

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20 MAR 2000