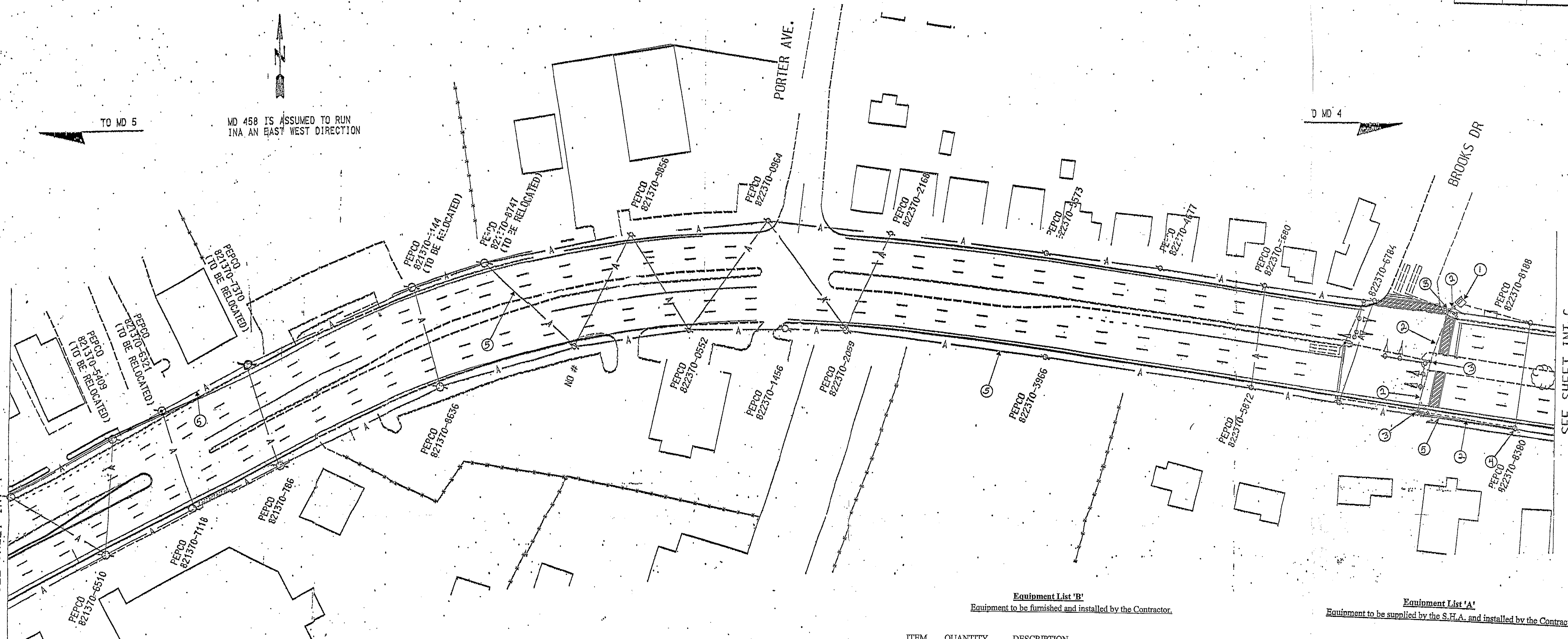
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			



Construction Details

1. Use existing controller cabinet. Remove existing communication cables and install proposed communication cable. TOD personnel will terminate cable after completion of proposed work.
2. Use existing conduit. Remove existing communication cable and install proposed communication cable.
3. Use existing handhole. Remove existing communication cable and install proposed communication cable.
4. Use existing riser. Remove existing communication cable and install proposed communication cable.
5. Use existing utility poles. Remove existing communication cable and install proposed communication cable.
6. Use existing strain pole. Remove existing communication cable and install proposed communication cable.
7. Use existing span wire. Remove existing communication cable and install proposed communication cable.

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

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8011	1	EA	CONDUIT BEND INTO EXISTING BASE
8014	1	EA	REMOVE & DISPOSE OF EQUIPMENT ((PER ASSIGNMENT)
8029	10	LF	4 INCH SCHEDULE 80 RIDGID PVC CONDUIT - TRENCHED
8033	10	LF	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8037	1	EA	MICROLOOP PROBE 1000 FOOT LEAD IN CABLE
8044	2750	LF	12 PAIR COMMUNICATION CABLE, SELF-SUPPORTING (OVERHEAD)
8058	475	LF	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8063	550	LF	STEEL SPAN WIRE 1/4 INCH DIAMETER
NEG	1	EA	RE-ROUTE ALL DETECTION WIRES INTO PROPOSED CONDUIT BEND

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

SHA#: 27868T16139 TOD#: OT2003-47

LEGEND OF UTILITIES	
—A—A—	AERIAL
—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—T—T—	TELEPHONE CABLES
—C—C—	CABLE TELEVISION

TRAFFIC SIGNAL SYMBOLS

EXISTING		PROPOSED
■	HANDHOLE	□
▭	LOOP DETECTOR(6X30)	▭
□	LOOP DETECTOR(6X6)	⬚
—	CONDUIT	—
▪▪▪	MICRO LOOP PROBE SET	▫▫▫
▮◀	ZOOM LENS IMAGE SENSOR	▯◁

REVISIONS

Ⓐ Replace communication cable 11/04 — JM [initials]

APPROVALS

DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 458 INTERCONNECT
FROM MD 5 TO ROYAL PLAZA DRIVE

DRAWN BY:		F.A.P. NO.		TS NO.	SHEET NO.
CHK. BY:	[signature]	S.H.A. NO.	PG2175170	INT-5	86 OF 125
SCALE:	1" = 50'				
DATE:	OCT. 1998	COUNTY	PRINCE GEORGE'S		

FILE: m:\metro_hw\int5.dgn
DATE: 16-Oct-98 13:00