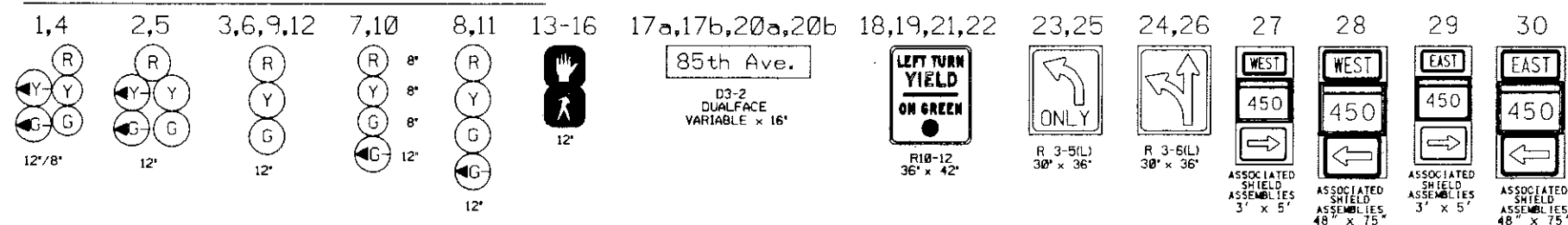


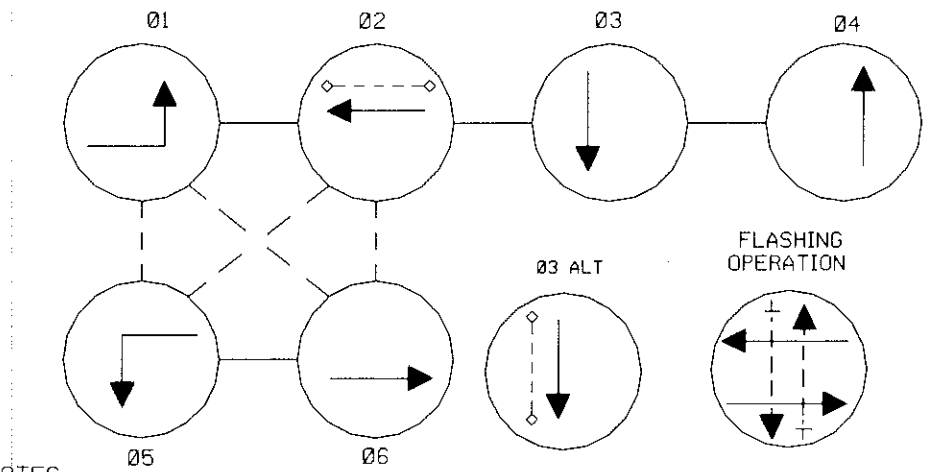
**EXISTING SIGNALS & SIGNS**



**B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR**

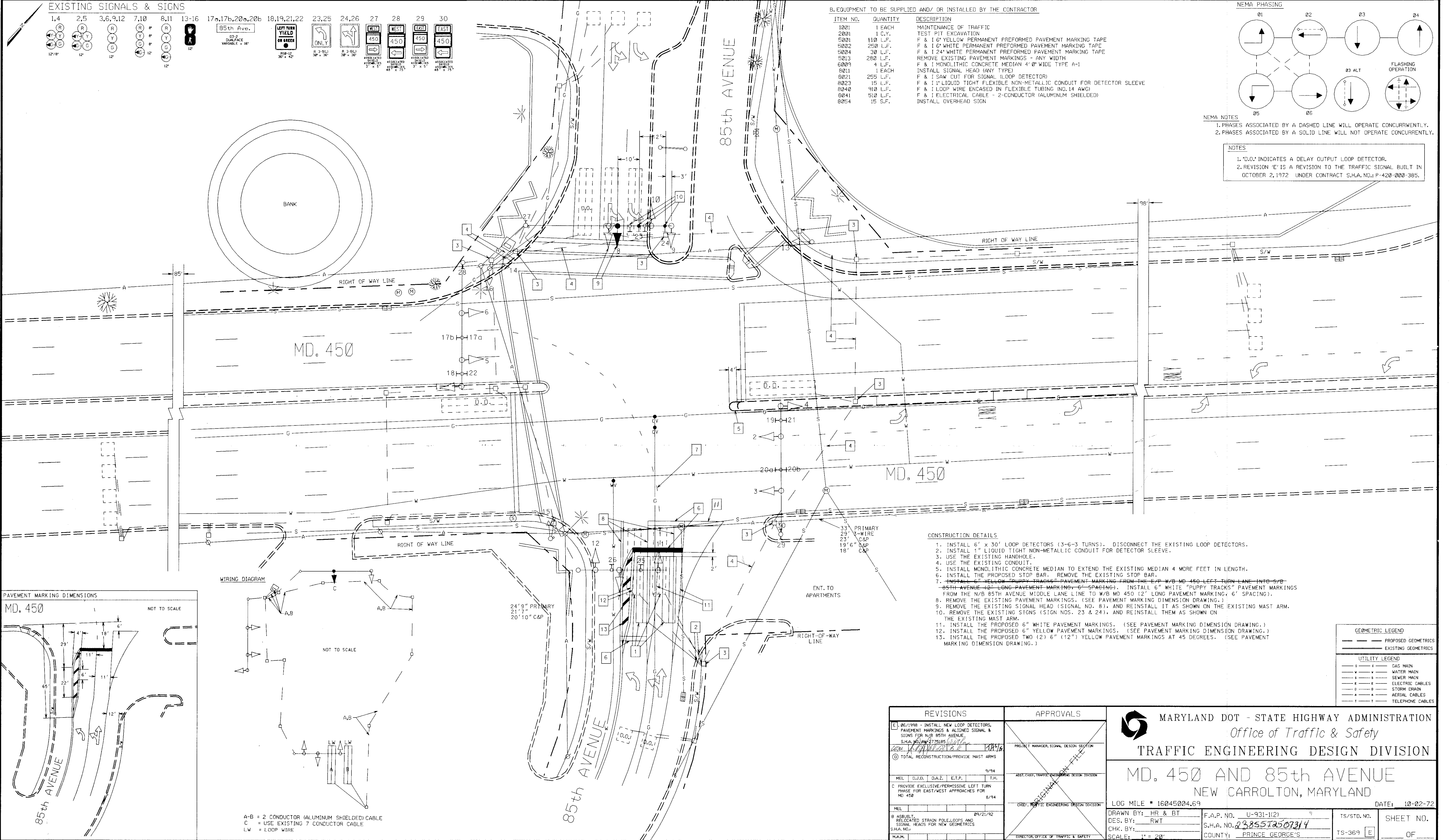
ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2001	1 C.Y.	TEST PIT EXCAVATION
5001	110 L.F.	F & 1 6" YELLOW PERMANENT PREFORMED PAVEMENT MARKING TAPE
5002	250 L.F.	F & 1 6" WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE
5004	30 L.F.	F & 1 2 1/2" WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE
5013	260 L.F.	REMOVE EXISTING PAVEMENT MARKINGS - ANY WIDTH
6009	4 L.F.	F & 1 MONOLITHIC CONCRETE MEDIAN 4' 0" WIDE TYPE A-1
8011	1 EACH	INSTALL SIGNAL HEAD (ANY TYPE)
8021	255 L.F.	F & 1 SAW CUT FOR SIGNAL (LOOP DETECTOR)
8023	15 L.F.	F & 1 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8040	910 L.F.	F & 1 LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8041	510 L.F.	F & 1 ELECTRICAL CABLE - 2-CONDUCTOR (ALUMINUM SHIELDED)
8054	15 S.F.	INSTALL OVERHEAD SIGN

**NEMA PHASING**



- NEMA NOTES**
- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
  - PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

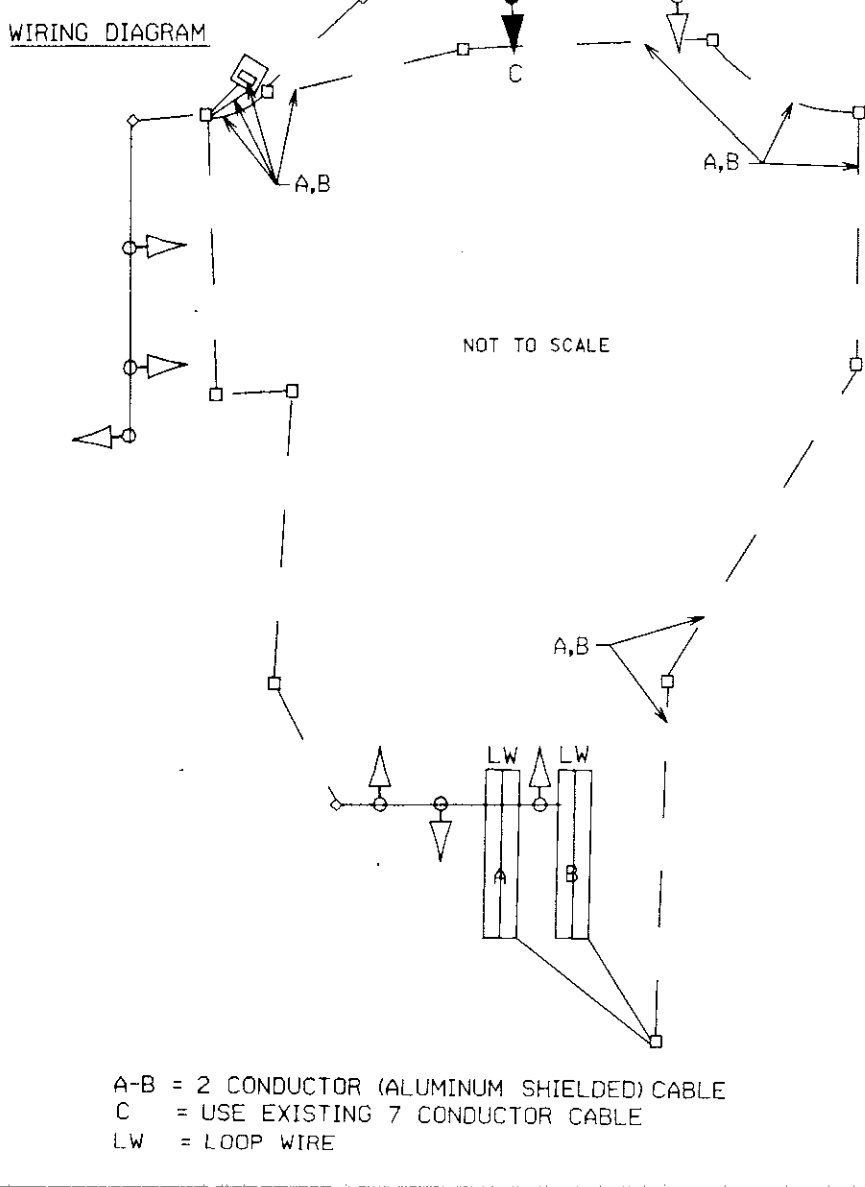
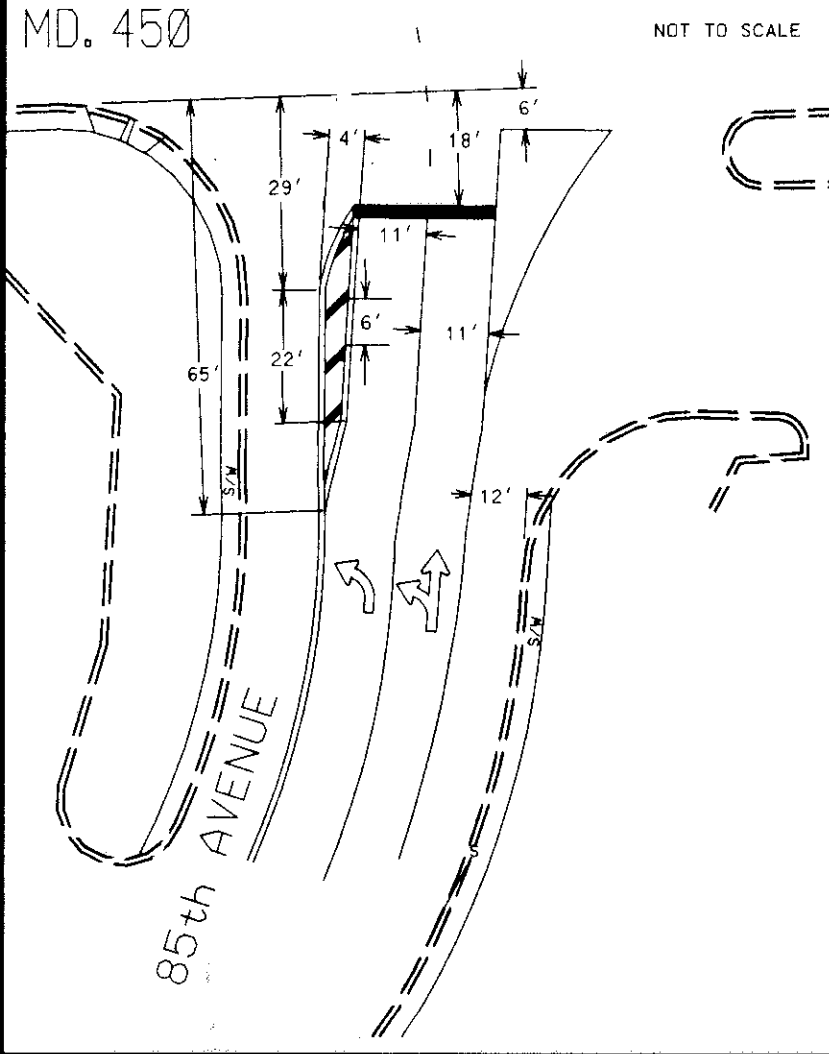
- NOTES**
- "D.O." INDICATES A DELAY OUTPUT LOOP DETECTOR.
  - REVISION 'E' IS A REVISION TO THE TRAFFIC SIGNAL BUILT IN OCTOBER 2, 1972 UNDER CONTRACT S.H.A. NO. P-420-000-385.



**CONSTRUCTION DETAILS**

- INSTALL 6' x 30' LOOP DETECTORS (3-6-3 TURNS). DISCONNECT THE EXISTING LOOP DETECTORS.
- INSTALL 1" LIQUID TIGHT NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- USE THE EXISTING HANDLE.
- USE THE EXISTING CONDUIT.
- INSTALL MONOLITHIC CONCRETE MEDIAN TO EXTEND THE EXISTING MEDIAN 4 MORE FEET IN LENGTH.
- INSTALL THE PROPOSED STOP BAR. REMOVE THE EXISTING STOP BAR.
- INSTALL 6" YELLOW "PUPPY TRACKS" PAVEMENT MARKING FROM THE E/W MD. 450 LEFT TURN LANE INTO S/B 85th AVENUE (LONG PAVEMENT MARKING - 6" SPACING). INSTALL 6" WHITE "PUPPY TRACKS" PAVEMENT MARKINGS FROM THE W/B 85th AVENUE MIDDLE LANE LINE TO W/B MD. 450 (2" LONG PAVEMENT MARKING, 6" SPACING).
- REMOVE THE EXISTING PAVEMENT MARKINGS. (SEE PAVEMENT MARKING DIMENSION DRAWING.)
- REMOVE THE EXISTING SIGNAL HEAD (SIGNAL NO. 8), AND REINSTALL IT AS SHOWN ON THE EXISTING MAST ARM.
- REMOVE THE EXISTING SIGNS (SIGN NOS. 23 & 24), AND REINSTALL THEM AS SHOWN ON THE EXISTING MAST ARM.
- INSTALL THE PROPOSED 6" WHITE PAVEMENT MARKINGS. (SEE PAVEMENT MARKING DIMENSION DRAWING.)
- INSTALL THE PROPOSED 6" YELLOW PAVEMENT MARKINGS. (SEE PAVEMENT MARKING DIMENSION DRAWING.)
- INSTALL THE PROPOSED TWO (2) 6" (12") YELLOW PAVEMENT MARKINGS AT 45 DEGREES. (SEE PAVEMENT MARKING DIMENSION DRAWING.)

**PAVEMENT MARKING DIMENSIONS**



**GEOMETRIC LEGEND**

---	PROPOSED GEOMETRICS
---	EXISTING GEOMETRICS

**UTILITY LEGEND**

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

REVISIONS		APPROVALS	
[E]	06/19/98 - INSTALL NEW LOOP DETECTORS, PAVEMENT MARKINGS & ALIGNED SIGNAL & SIGNS FOR N/B 85th AVENUE. S.H.A. NO. P-420-000-385	[Signature]	PROJECT MANAGER, SIGNAL DESIGN DIVISION
[C]	TOTAL RECONSTRUCTION/PROVIDE MAST ARMS	[Signature]	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
[C]	PROVIDE EXCLUSIVE/PERMISSIVE LEFT TURN PHASE FOR EAST/WEST APPROACHES FOR MD. 450	[Signature]	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
[B]	ASSEMBLY, RELOCATED STATION POLE/LOOPS, SIGNAL HEADS FOR NEW GEOMETRICS S.H.A. NO. P-420-000-385	[Signature]	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

**MD. 450 AND 85th AVENUE**  
NEW CARROLLTON, MARYLAND

LOG MILE # 16045004.69 DATE: 10-02-72

DRAWN BY: HR & BT	F.A.P. NO. U-931-1(2)	TS/STD. NO.	SHEET NO.
DES. BY: RWT	S.H.A. NO. 23857A502314	TS-369 [E]	OF
CHK. BY:	COUNTY: PRINCE GEORGE'S		
SCALE: 1" = 20'			