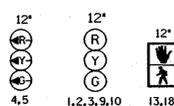
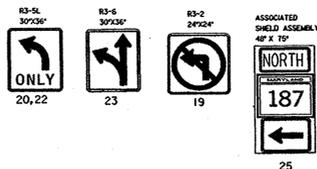


PROPOSED SIGNALS



PROPOSED SIGNS



SIGNALS FROM PREVIOUS PHASE TO REMAIN



SIGNS FROM PREVIOUS PHASE TO REMAIN



VIDEO TRAFFIC DETECTION SYSTEM

SIGNALS FROM PREVIOUS PHASE TO BE RELOCATED



CONSTRUCTION DETAILS

- B. INSTALL 10' PEDESTAL POLE, AND PEDESTRIAN SIGNALS AS SHOWN.
- C. INSTALL ELECTRICAL HANDHOLE.
- D. USE EXISTING POLE, MAST ARM, LIGHTING ARM AND LUMINAIRE; RELOCATE EXISTING SIGNAL HEADS, SIGNS, AND VIDEO TRAFFIC DETECTION SYSTEMS, AND INSTALL ADDITIONAL SIGNAL HEADS AS SHOWN.

GEOMETRICS LEGEND

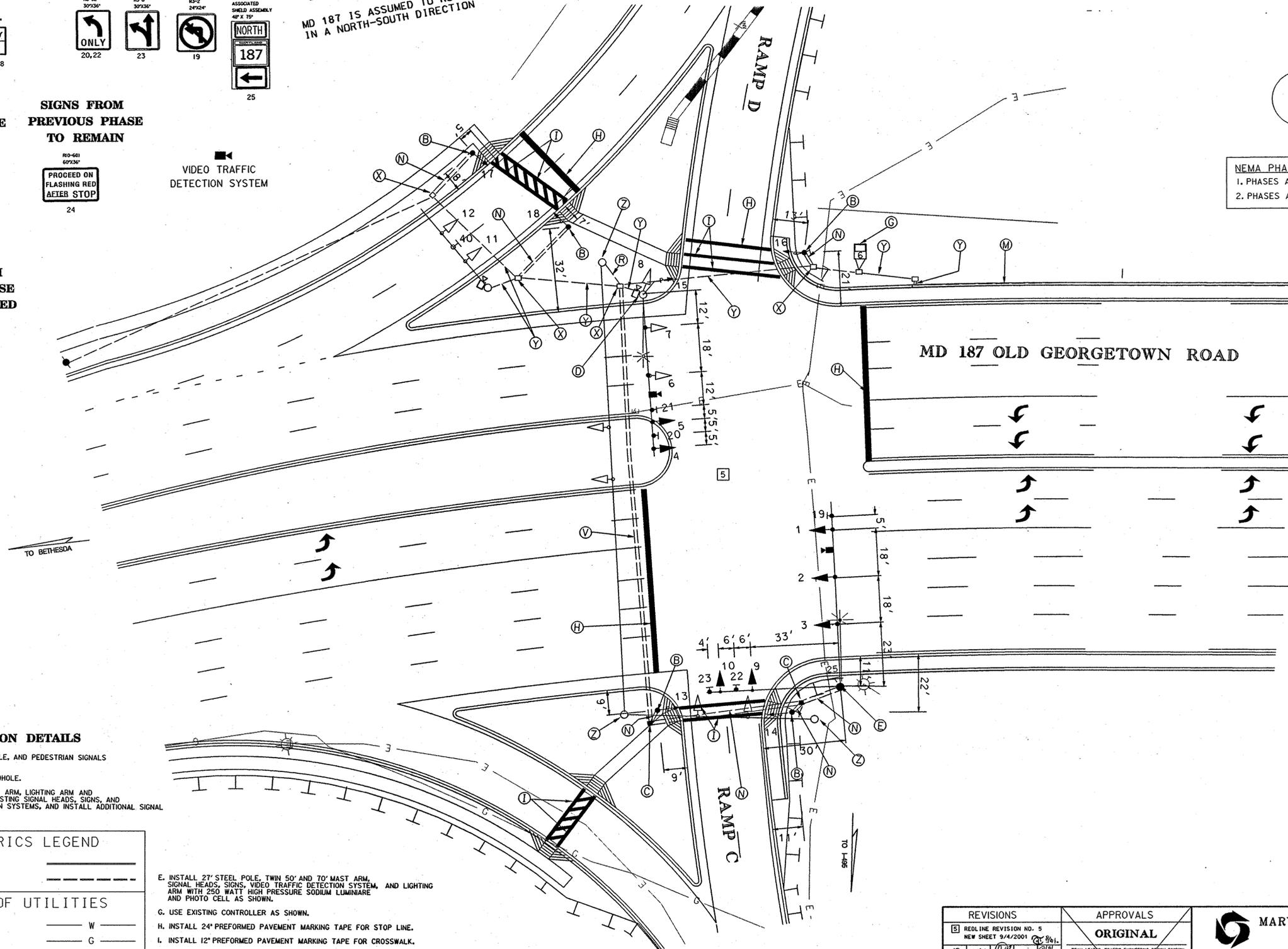
PROPOSED GEOMETRICS ———
EXISTING GEOMETRICS - - - - -

LEGEND OF UTILITIES

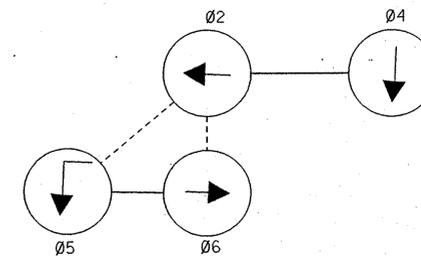
WATER ——— W ———
GAS ——— G ———
UNDERGROUND TELEPHONE ——— T ———
SANITARY SEWER ——— S ———
UNDERGROUND ELECTRIC ——— E ———
AERIAL ——— A ———
STORM DRAIN ——— SD ———
SEWAGE FORCE MAIN ——— FM ———
CABLE TV ——— TV ———

- E. INSTALL 27' STEEL POLE, TWIN 50' AND 70' MAST ARM, SIGNAL HEADS, SIGNS, VIDEO TRAFFIC DETECTION SYSTEM, AND LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE AND PHOTO CELL AS SHOWN.
- G. USE EXISTING CONTROLLER AS SHOWN.
- H. INSTALL 24" PREFORMED PAVEMENT MARKING TAPE FOR STOP LINE.
- I. INSTALL 12" PREFORMED PAVEMENT MARKING TAPE FOR CROSSWALK.
- M. USE CONDUIT LOCATED IN PARAPET.
- N. INSTALL 3" P.V.C. (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.
- R. CAP AND ABANDON CONDUIT INSTALLED IN PREVIOUS PHASE.
- V. INSTALL 3" PVC (SCHEDULE 80) ELECTRICAL CONDUIT - BORED.
- X. USE HANDHOLE INSTALLED IN PREVIOUS PHASE.
- Y. USE CONDUIT INSTALLED IN PREVIOUS PHASE.
- Z. REMOVE TEMPORARY WOOD POLES, SPAN WIRES, SIGNAL HEADS AND SIGNS.

MD 187 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



NEMA PHASING



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



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REVISIONS		APPROVALS	
1	REDEFINE REVISION NO. 5 NEW SHEET 9/4/2001	ORIGINAL	TEAM LEAD, TRAFFIC ENGINEERING DESIGN DIVISION
2	ADDENDUM NO. 2 REPLACEMENT SHEET 11/30/00	ON	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
3	NEW MD 187 GEOMETRICS 10-00 SHA CONT. NO. M08959172	FILE	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
4	REVISED SIGNAL HEAD DISPLAY 10/14/76		DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
I-270 INTERCHANGES AT ROCKLEDGE DRIVE AND MD 187
ULTIMATE TRAFFIC SIGNAL PLAN
I-270 RAMP C/RAMP D AT MD 187 (OLD GEORGETOWN ROAD)

DRAWN BY: STEVE RENZI	F.A.P. NO.	TS NO. 1250C	SHEET NO.
CHECKED BY: STEVE RENZI	S.H.A. NO.	T.I.M.S. NO. D-311	264A OF 404
SCALE: 1" = 20'	COUNTY: MONTGOMERY	LOG MILE: 15018703.73	
DATE: 12/27/74			