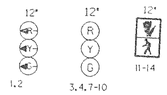
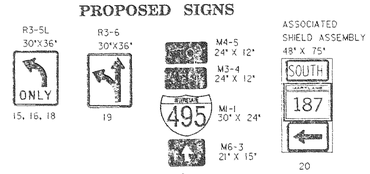
PROPOSED SIGNALS



PROPOSED SIGNS

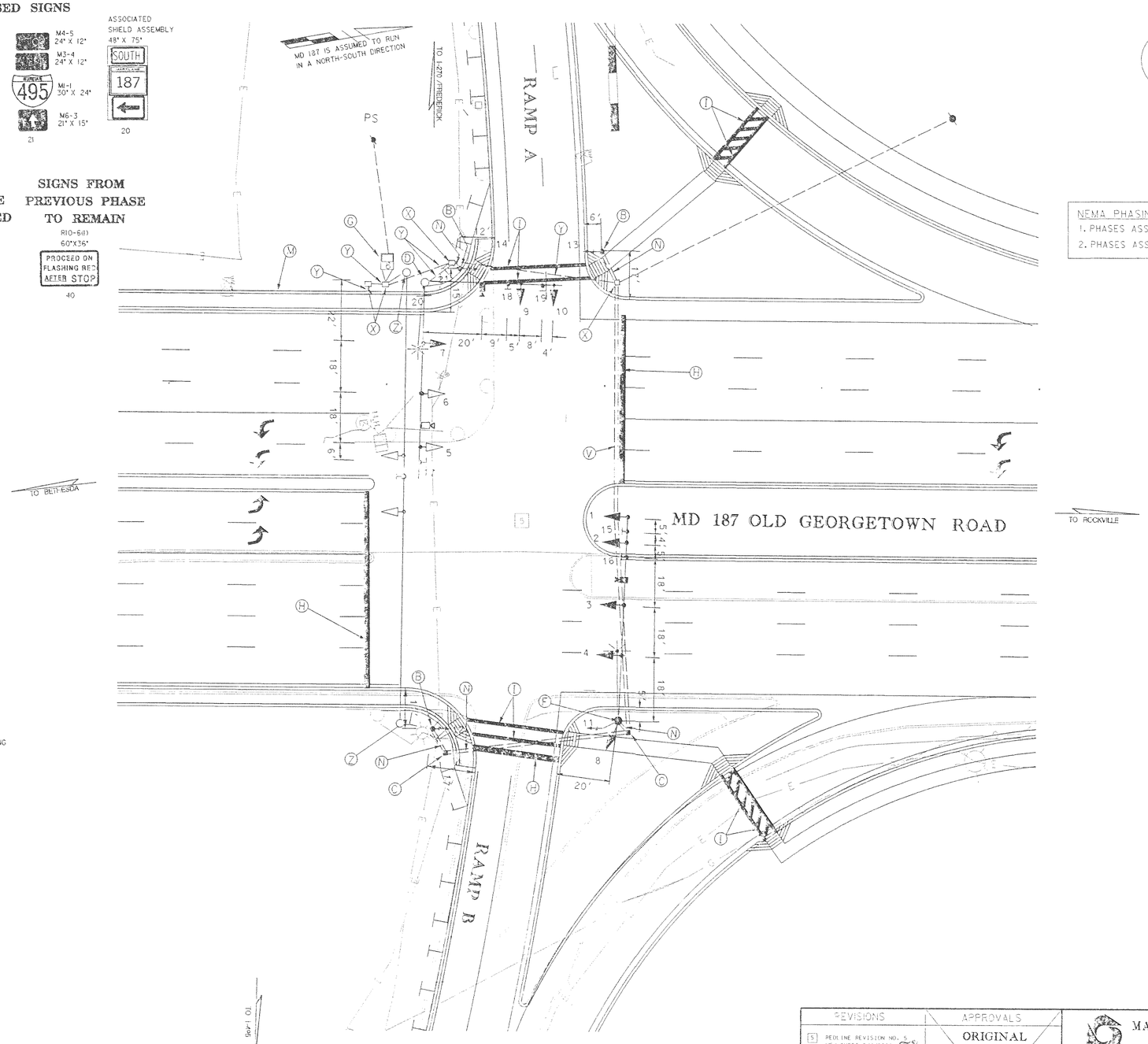


SIGNALS FROM PREVIOUS PHASE TO BE RELOCATED

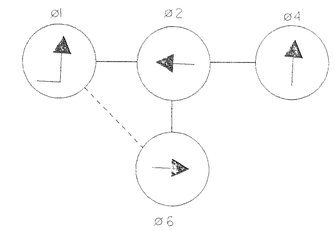
SIGNS FROM PREVIOUS PHASE TO BE RELOCATED

SIGNS FROM PREVIOUS PHASE TO REMAIN

VIDEO TRAFFIC DETECTION CAMERA



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.

CROSSWALK DETAIL

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 SYSTEM, AND INSTALL ADDITIONAL SIGNAL HEADS AS SHOWN.

F. INSTALL 27' STEEL POLE, 70' MAST ARM, SIGNAL HEADS, SIGNS, VIDEO TRAFFIC DETECTION SYSTEM, PEDESTRIAN SIGNAL AND LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE AND PHOTO CELL AS SHOWN.

G. USE EXISTING CONTROLLER AS SHOWN.

H. INSTALL 24" HEAT APPLIED PAVEMENT MARKING TAPE FOR STOP LINE.

I. INSTALL 12" HEAT APPLIED PAVEMENT MARKING TAPE FOR CROSSWALK.

M. USE CONDUIT LOCATED IN PARAPET.

N. INSTALL 3" P.V.C. (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.

V. INSTALL 3" PVC (SCHEDUE 80) ELECTRICAL CONDUIT - BORED.

X. USE HANDHOLE INSTALLED IN PREVIOUS PHASE.

Y. USE CONDUITS INSTALLED IN PREVIOUS PHASE.

Z. REMOVE TEMPORARY WOOD POLES, SPAN WIRES, SIGNAL HEADS AND SIGNS.

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

REVISION C

KCI TECHNOLOGIES

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21030-1388
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REVISIONS

5 PEDLINE REVISION NO. 5 NEW SHEET 3/4/2001

A ADDENDUM NO. 2 REPLACEMENT SHEET 11/20/00

B NEW MD 187 GEOMETRICS 10-00 SHA CONT. NO. WO8995172

B REVISED SIGNAL HEAD DISPLAY 10/14/98

APPROVALS

ORIGINAL

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ON

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

FILE

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

TS-13B

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 A/RAMP B AT MD 187 (OLD GEORGETOWN ROAD)

DRAWN BY: STEVE RENZI	F.A.P. NO.	TS NO. 1291C	SHEET NO.
CHECKED BY: STEVE RENZI	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY: MONTGOMERY	T.I.M.S. NO. D-311	264B OF 404
DATE: 12/27/74	LOG MILE: 15018703.80		

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