PROPOSED SIGNALS

12"
R
Y
G
3-4

PROPOSED SIGNS

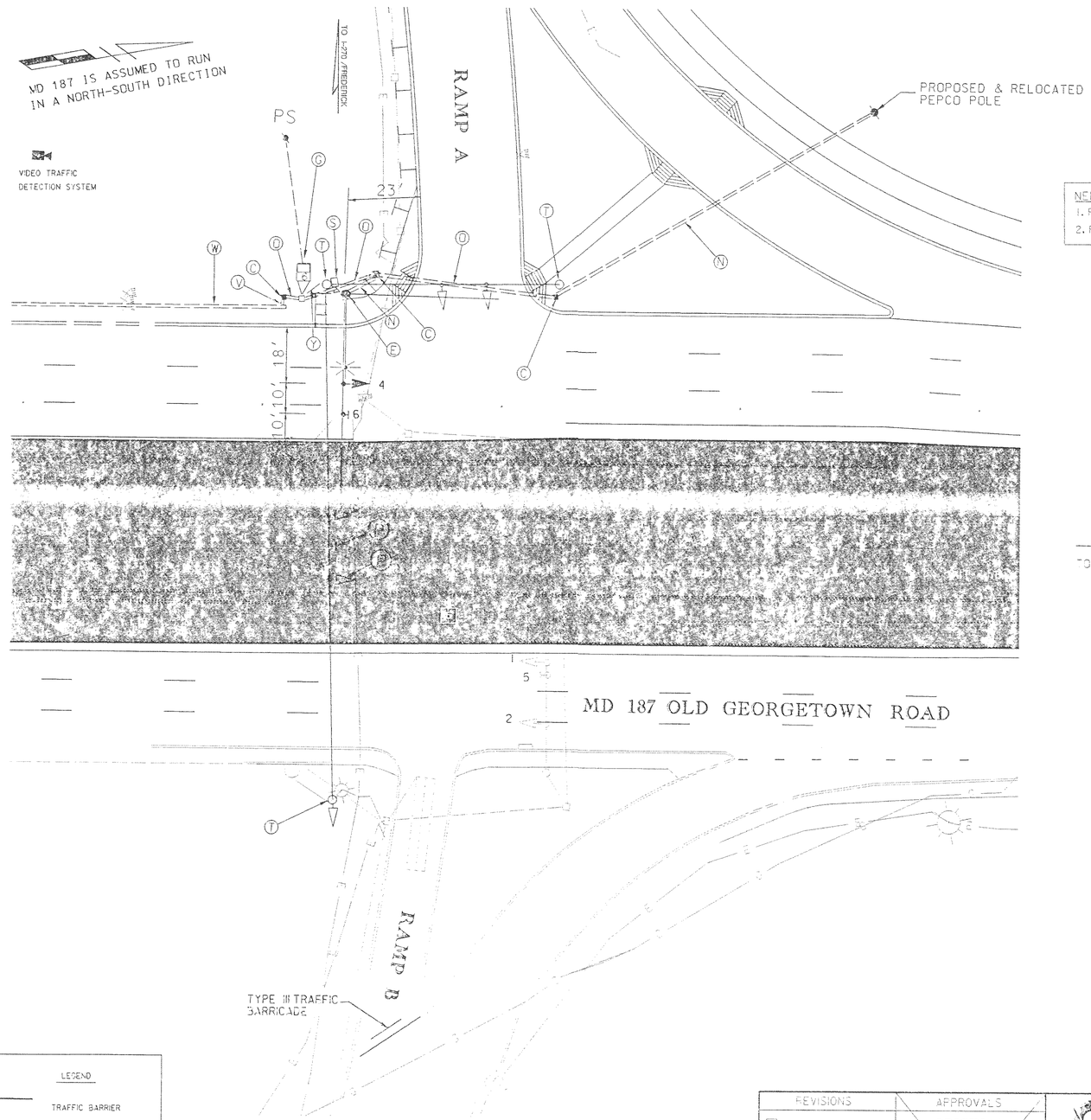
R3-2
30"X30"
6

SIGNALS FROM PREVIOUS PHASE TO REMAIN

12"
R
Y
G
1,2

SIGNS FROM PREVIOUS PHASE TO REMAIN

R3-2
30"X30"
5



NEMA PHASING

FLASHING OPERATION

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

CONSTRUCTION DETAILS

C. INSTALL ELECTRICAL HANDHOLE.

E. INSTALL 27' STEEL POLE, TWIN 50' AND 70' MAST ARM, SIGNAL HEADS, SIGNS, AND LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE AND PHOTOCELL AS SHOWN.

G. USE CONTROLLER INSTALLED IN PREVIOUS PHASE

H. INSTALL 24" WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE.

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

O. INSTALL 4" P.V.C. (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED

P. COVER SIGN/SIGNAL HEAD.

S. DISABLE VIDEO TRAFFIC DETECTION SYSTEM INSTALLED IN PREVIOUS PHASE.

T. REMOVE AND RELOCATE WOOD POLE, SPAN WIRE, AND SIGNAL HEADS INSTALLED IN PREVIOUS PHASE.

V. INSTALL 4" DIAMETER FLEXIBLE STEEL CONDUIT.

W. USE CONDUIT LOCATED IN BRIDGE PARAPET.

Y. CAP AND ABANDON CONDUIT INSTALLED IN PREVIOUS PHASE.

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 ——

LEGEND

———	TRAFFIC BARRIER
	WORK AREA
	CHANNELIZATION DEVICE

KCI TECHNOLOGIES

REVISION 12

KCI TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1888
(410) 316-7800

REVISIONS

5 REDLINE REVISION NO. 5 NEW SHEET 9/4/2001

A ADDENDUM NO. 2 REPLACEMENT SHEET 11/30/00

C NEW MD 187 GEOMETRICS 10-00 SHA CONT. NO. MD8995172

B REVISED SIGNAL HEAD DISPLAY 10/14/76

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-9B

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

I-270 INTERCHANGES AT ROCKLEDGE DRIVE AND MD 187
TEMPORARY TRAFFIC SIGNAL PLAN (PHASE V)
I-270 RAMP A/RAMP B AT MD 187 (OLD GEORGETOWN ROAD)

DRAWN BY:	STEVE RENZI	F.A.P. NO.		TS NO. 1251C-PX2	SHEET NO.
CHECKED BY:	STEVE RENZI	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. D-311	260B OF 404
DATE:	12/27/74	LOG MILE:	15C18703.30		

M:\1998\0198078\TRAFFIC\

8/24/01 2:07:36 AM G:\PLOTTING\PS7\OCF\MYLAR_HP.gcf McSendy Pierre Division:Transportation m:\1998\0198078\TRAFFIC\spmot2A.prf