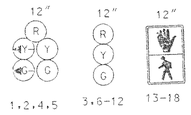
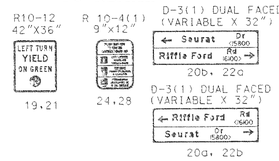
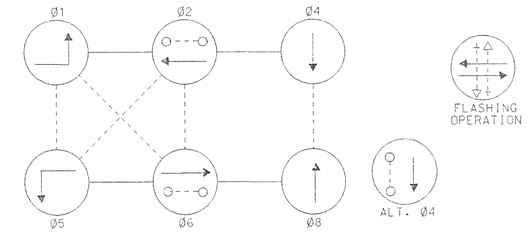
SIGNALS FROM PREVIOUS PHASE TO REMAIN



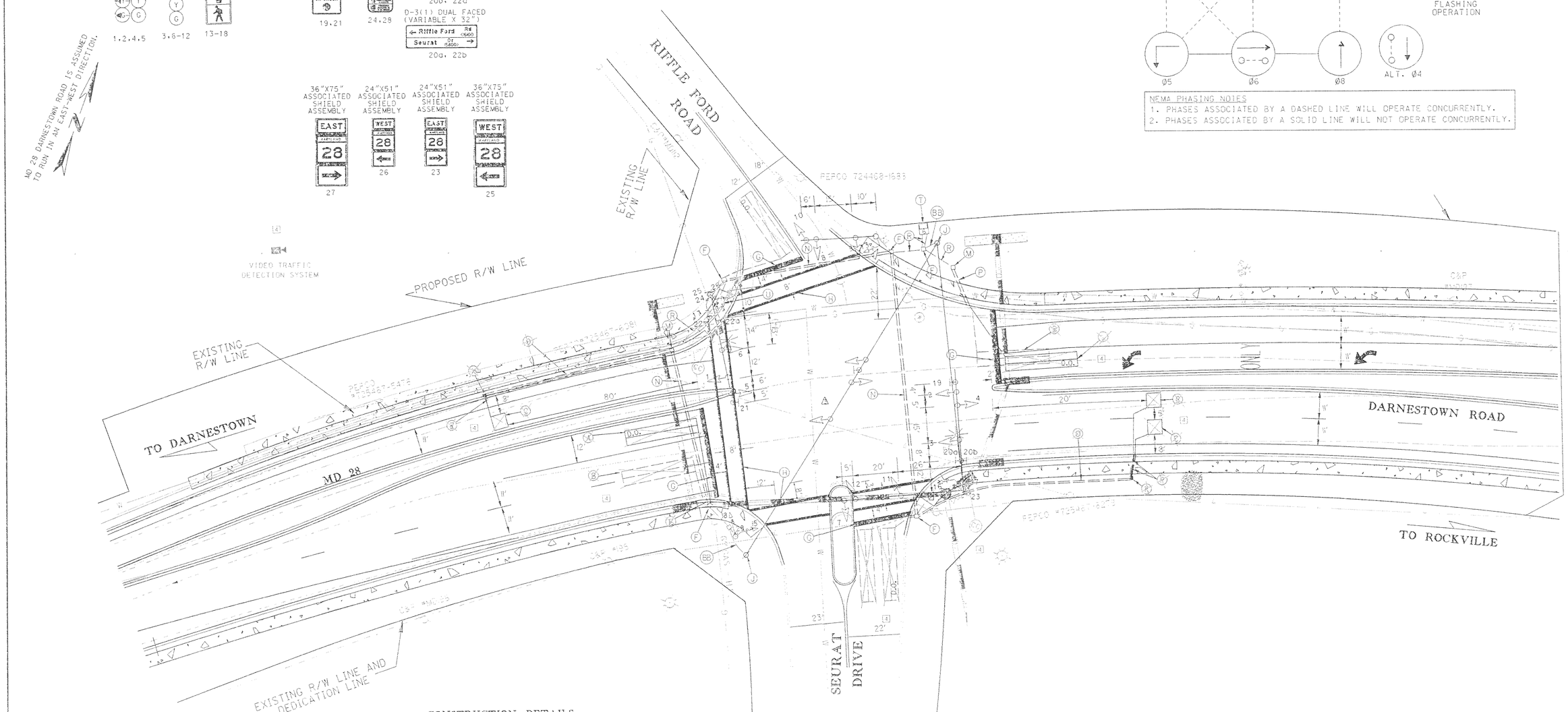
SIGNS FROM PREVIOUS PHASE TO REMAIN



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.



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

CONSTRUCTION DETAILS

[4] ~~A. INSTALL 5-FOOT X 30-FOOT QUADRUPOLE-TYPE LOOP DETECTOR (3-6-3-TURNS) ENCASED IN FLEXIBLE TUBING.~~
[4] ~~B. ABANDON EXISTING DETECTOR.~~
[4] ~~C. INSTALL 6-FOOT X 6-FOOT LOOP DETECTOR (4-TURNS) ENCASED IN FLEXIBLE TUBING.~~
[4] ~~E. INSTALL 1-INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.~~
F. USE EXISTING ELECTRICAL HANDHOLE.
G. INSTALL 24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.
H. INSTALL 12 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.
J. REMOVE TEMPORARY WOOD POLE, SPANWIRE, SIGNALS AND SIGN. REWIRE CABLES AS SHOWN ON WIRING DIAGRAM.
K. INSTALL ELECTRICAL HANDHOLE.
[4] ~~L. INSTALL 5-FOOT X 30-FOOT QUADRUPOLE-TYPE LOOP DETECTOR (3-6-3-TURNS) ENCASED IN FLEXIBLE TUBING SPLICED TO EXISTING 2-CONDUCTOR (ALUMINUM SHIELD) WIRE INSTALLED IN PREVIOUS PHASE.~~
M. USE ELECTRICAL HANDHOLE INSTALLED IN PREVIOUS PHASE.
N. INSTALL 4 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED
O. INSTALL 3 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (PRIOR TO SIDEWALK CONSTRUCTION WHERE APPLICABLE)
[4] ~~P. INSTALL 1-INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE~~
R. USE EXISTING ELECTRICAL CONDUIT.
T. USE EXISTING CONTROLLER.
BB. CAP AND ABANDON CONDUIT INSTALLED IN PREVIOUS PHASE.
[4] CC. INSTALL VIDEO TRAFFIC DETECTION SYSTEM

TSP 7

REVISION 'A'
KCI TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1388
(410) 316-7000

KCI TECHNOLOGIES

REVISIONS	APPROVALS
Ⓐ 10-00 NEW MD 28 GEOMETRICS SHA CONT. NO. MO5285271	PROJECT MANAGER, SIGNAL DESIGN DIVISION: ORIGINALS ON FILE
⚠ ADDENDUM NO. 3 REPLACEMENT SHEET 12/19/2000	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
[4] REDLINE NO. 4 REPLACEMENT SHEET 9/07/2001	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A.H. M.P.	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
ULTIMATE
MD 28 (DARNESTOWN RD) AND RIFFLE FORD ROAD/ SEURAT DRIVE

DRAWN BY: S. CHERNAK	F.A.P. NO.	STPG-000S(301)E	TS NO. 3602A-P	SHEET NO. 306 OF 434
CHECKED BY: M. RUCKER	S.H.A. NO.	AW-791-479-385		
SCALE: 1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. D107	
DATE: 4-18-95	LOG MILE:	5002815.21		

M:\1997\0197029\MD28\ SPOIRIFF.DGN

9/22/01 5:17:01 PM G:\PLOTTING\PS7\OCP\MYLAR_HP.cfg Kosenay Pierre Division Transportation m:\1997\0197029\md28\RIFFLE\SPOIRFUL.PRF