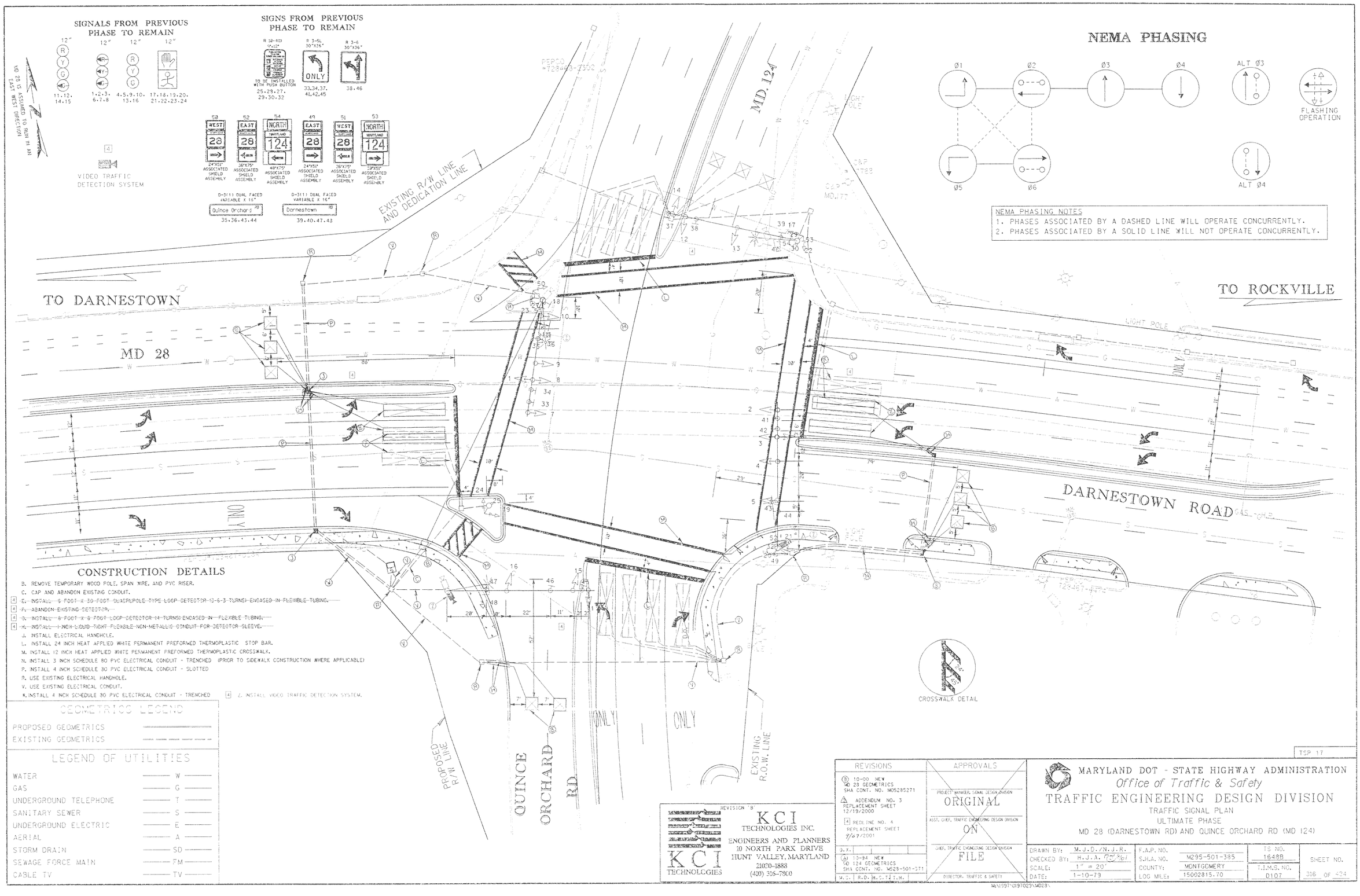
SIGNALS FROM PREVIOUS PHASE TO REMAIN
11.12.14.15
1.2.3.6.7.8
4.5.9.10.13.16
17.18.19.20.21.22.23.24
SIGNS FROM PREVIOUS PHASE TO REMAIN
R 10-N10 9"x12"
TO BE INSTALLED WITH PUSH BUTTON
25.29.27.29.30.32
R 3-5L 30"x36"
33.34.37.41.42.45
R 3-6 30"x36"
38.46
MD 28 IS ASSUMED TO RUN IN AN EAST WEST DIRECTION
VIDEO TRAFFIC DETECTION SYSTEM
D-3(1) DUAL FACED VARIABLE X 16"
Quince Orchard
35.36.43.44
Darnestown
39.40.47.48
EXISTING R/W LINE AND DEDICATION LINE
TO DARNESTOWN
MD 28
MD. 124
TO ROCKVILLE
DARNESTOWN ROAD
QUINCE ORCHARD RD
ONLY
PROPOSED R/W LINE
EXISTING R.O.W. LINE
NEMA PHASING
Ø1
Ø2
Ø3
Ø4
Ø5
Ø6
ALT Ø3
ALT Ø4
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
B. REMOVE TEMPORARY WOOD POLE, SPAN WIRE, AND PVC RISER.
C. CAP AND ABANDON EXISTING CONDUIT.
E. INSTALL 6 FOOT X 30 FOOT QUADRUPOLE TYPE LOOP DETECTOR (2-6-3 TURNS) ENCASED IN FLEXIBLE TUBING.
F. ABANDON EXISTING DETECTOR.
G. INSTALL 6 FOOT X 6 FOOT LOOP DETECTOR (4 TURNS) ENCASED IN FLEXIBLE TUBING.
H. INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
J. INSTALL ELECTRICAL HANDHOLE.
L. INSTALL 24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC STOP BAR.
M. INSTALL 12 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC CROSSWALK.
N. INSTALL 3 INCH SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED (PRIOR TO SIDEWALK CONSTRUCTION WHERE APPLICABLE)
P. INSTALL 4 INCH SCHEDULE 30 PVC ELECTRICAL CONDUIT - SLOTTED
R. USE EXISTING ELECTRICAL HANDHOLE.
V. USE EXISTING ELECTRICAL CONDUIT.
Y. INSTALL 4 INCH SCHEDULE 30 PVC ELECTRICAL CONDUIT - TRENCHED
Z. INSTALL VIDEO TRAFFIC DETECTION SYSTEM.
CROSSWALK DETAIL
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 "B"
KCI TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1888
(410) 316-7800
REVISIONS
B 10-00 NEW MD 28 GEOMETRICS SHA CONT. NO. M05285271
A ADDENDUM NO. 3 REPLACEMENT SHEET 12/19/2000
4 REDLINE NO. 4 REPLACEMENT SHEET 9/07/2001
A 10-94 NEW MD 124 GEOMETRICS SHA CONT. NO. M523-501-371
APPROVALS
PROJECT MANAGER, SIGNAL DESIGN DIVISION
ORIGINAL
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
ON
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
FILE
DIRECTOR, TRAFFIC & SAFETY
MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
ULTIMATE PHASE
MD 28 (DARNESTOWN RD) AND QUINCE ORCHARD RD (MD 124)
TSP 17
DRAWN BY: M.J.D./N.J.R.
CHECKED BY: H.J.A.
SCALE: 1" = 20'
DATE: 1-10-79
F.A.P. NO.
S.H.A. NO. M295-501-385
COUNTY: MONTGOMERY
LOG MILE: 15002815.70
TS NO. 1648B
T.I.M.S. NO. D107
SHEET NO. 316 OF 424