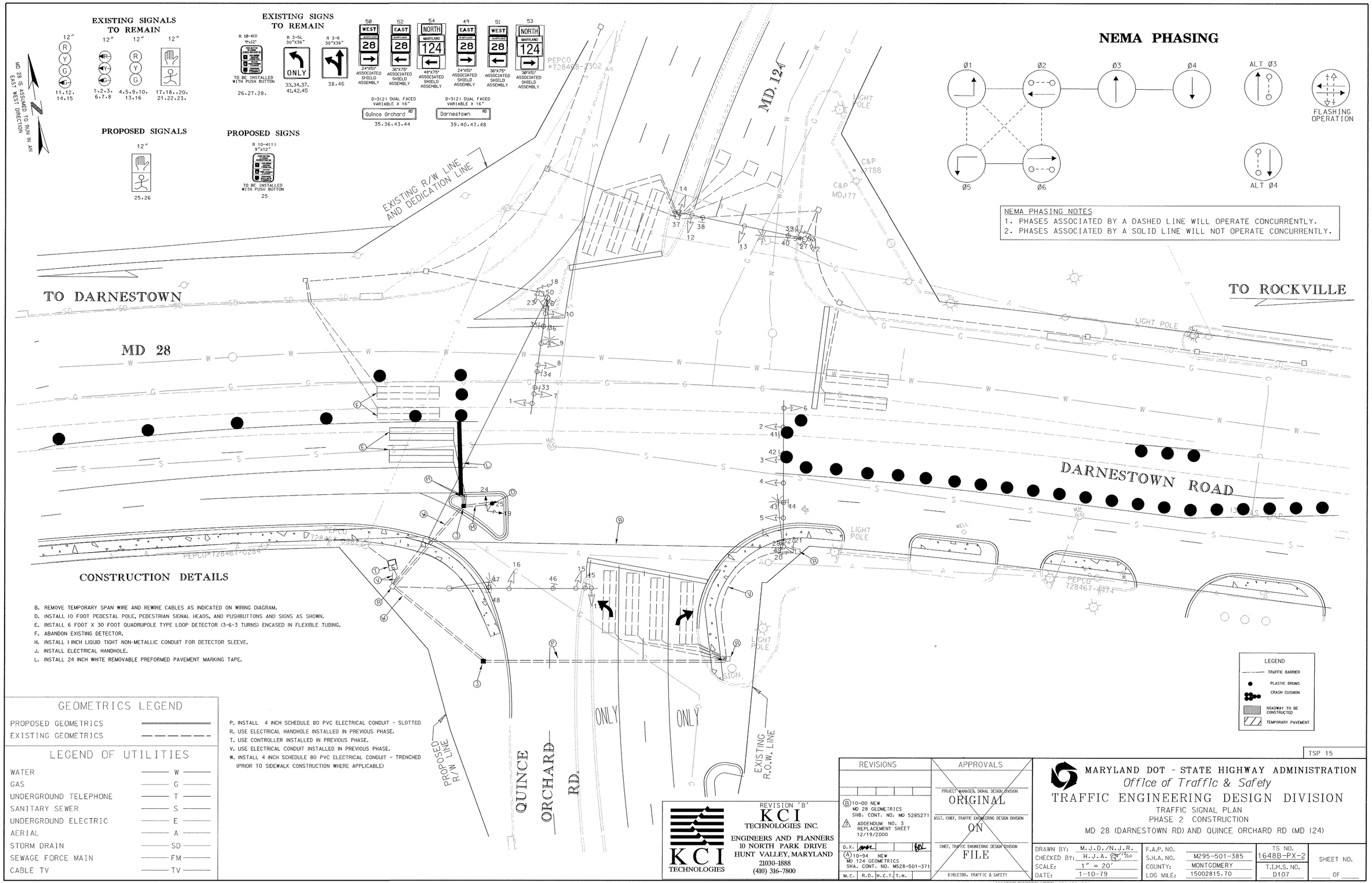
EXISTING SIGNALS TO REMAIN
11.12. 14.15
1.2.3. 6.7.8
4.5.9.10. 13.16
17.18..20. 21.22.23.
EXISTING SIGNS TO REMAIN
R 10-4(1) 9"x12"
TO BE INSTALLED WITH PUSH BUTTON
26.27.28.
R 3-5L 30"X36"
ONLY
33,34,37. 41,42,45
R 3-6 30"X36"
38.46
50 WEST MARYLAND 28
52 EAST MARYLAND 28
54 NORTH MARYLAND 124
49 EAST MARYLAND 28
51 WEST MARYLAND 28
53 NORTH MARYLAND 124
24"X51" ASSOCIATED SHIELD ASSEMBLY
36"X75" ASSOCIATED SHIELD ASSEMBLY
48"X75" ASSOCIATED SHIELD ASSEMBLY
D-3(2) DUAL FACED VARIABLE X 16"
Quince Orchard RD
35.36.43.44
Darnestown RD
39.40.47.48
PROPOSED SIGNALS
25.26
PROPOSED SIGNS
R 10-4(1) 9"x12"
TO BE INSTALLED WITH PUSH BUTTON
25
MD 28 IS ASSUMED TO RUN IN AN EAST WEST DIRECTION
NEMA PHASING
Ø1
Ø2
Ø3
Ø4
ALT Ø3
FLASHING OPERATION
Ø5
Ø6
ALT Ø4
NEMA PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
TO DARNESTOWN
MD 28
MD. 124
TO ROCKVILLE
DARNESTOWN ROAD
EXISTING R/W LINE AND DEDICATION LINE
LIGHT POLE
C&P #7788
C&P MD.177
PEPCO #728468-7302
PEPCO#728467-0284
PEPCO 728467-4474
WELL
SIGN
PROPOSED R/W LINE
QUINCE ORCHARD RD.
ONLY
EXISTING R.O.W. LINE
CONSTRUCTION DETAILS
B. REMOVE TEMPORARY SPAN WIRE AND REWIRE CABLES AS INDICATED ON WIRING DIAGRAM.
D. INSTALL 10 FOOT PEDESTAL POLE, PEDESTRIAN SIGNAL HEADS, AND PUSHBUTTONS AND SIGNS AS SHOWN.
E. INSTALL 6 FOOT X 30 FOOT QUADRUPOLE TYPE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN FLEXIBLE TUBING.
F. ABANDON EXISTING DETECTOR.
H. INSTALL 1 INCH LIQUID TIGHT NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
J. INSTALL ELECTRICAL HANDHOLE.
L. INSTALL 24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE.
P. INSTALL 4 INCH SCHEDULE 80 PVC ELECTRICAL CONDUIT - SLOTTED
R. USE ELECTRICAL HANDHOLE INSTALLED IN PREVIOUS PHASE.
T. USE CONTROLLER INSTALLED IN PREVIOUS PHASE.
V. USE ELECTRICAL CONDUIT INSTALLED IN PREVIOUS PHASE.
W. INSTALL 4 INCH SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED (PRIOR TO SIDEWALK CONSTRUCTION WHERE APPLICABLE)
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
PLASTIC DRUMS
CRASH CUSHION
ROADWAY TO BE CONSTRUCTED
TEMPORARY PAVEMENT
TSP 15
REVISION 'B'
KCI TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1888
(410) 316-7800
KCI TECHNOLOGIES
REVISIONS
B 10-00 NEW MD 28 GEOMETRICS SHB. CONT. NO. MD 5285271
A ADDENDUM NO. 3 REPLACEMENT SHEET 12/19/2000
A 10-94 NEW MD 124 GEOMETRICS SHA. CONT. NO. M528-501-371
M.C. R.D. H.C.T. T.H.
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
PHASE 2 CONSTRUCTION
MD 28 (DARNESTOWN RD) AND QUINCE ORCHARD RD (MD 124)
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-PX-2
T.J.M.S. NO. D107
SHEET NO. OF
M:\1997\0197029\MD28\ SP01ORCH.DGN