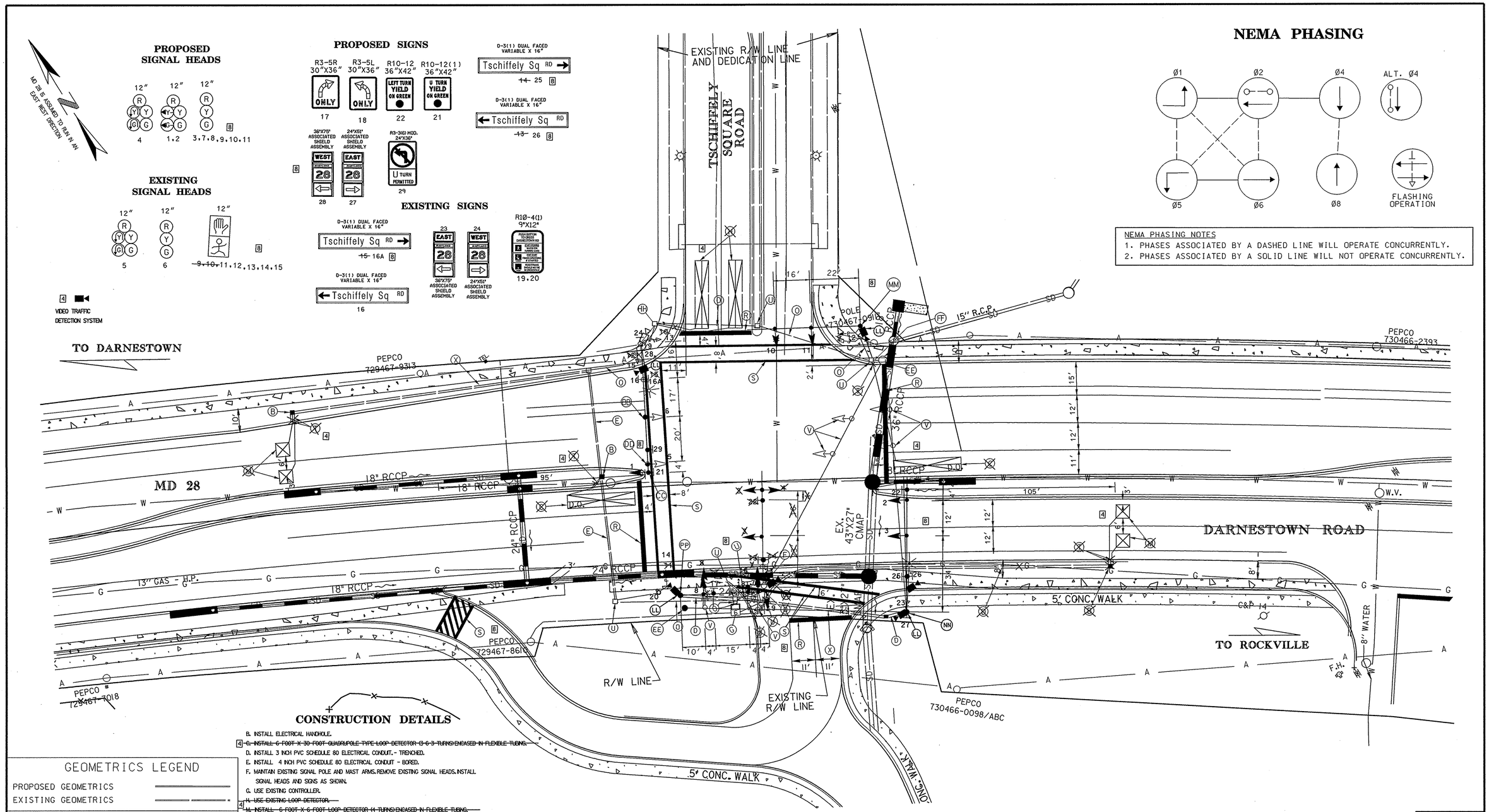

CONSTRUCTION DETAILS

B. INSTALL ELECTRICAL HANDHOLE.
4 ~~C. INSTALL 6 FOOT X 30 FOOT QUADRUPOLE TYPE LOOP DETECTOR (2 6 3 TURNS) ENCASED IN FLEXIBLE TUBING.~~
D. INSTALL 3 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT. - TRENCHED.
E. INSTALL 4 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
F. MAINTAIN EXISTING SIGNAL POLE AND MAST ARMS. REMOVE EXISTING SIGNAL HEADS. INSTALL SIGNAL HEADS AND SIGNS AS SHOWN.
G. USE EXISTING CONTROLLER.
~~H. USE EXISTING LOOP DETECTOR.~~
4 ~~M. INSTALL 6 FOOT X 6 FOOT LOOP DETECTOR (4 TURNS) ENCASED IN FLEXIBLE TUBING.~~
O. USE EXISTING CONDUIT.
R. INSTALL 24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC STOP BAR.
S. INSTALL 12 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASITC CROSSWALK.
4 ~~T. INSTALL 1 INCH LIQUID TIGHT NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.~~
U. USE EXISTING ELECTRICAL HANDHOLE.
X. INSTALL 4 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (PRIOR TO SIDEWALK CONSTRUCTION WHERE APPLICABLE)
V. REMOVE TEMPORARY SPAN WIRE AND SIGNAL HEADS.
BB. RELOCATE SIGNAL HEAD.
CC. INSTALL SIGNAL HEAD AND SIGN.
DD. RELOCATE SIGNAL HEAD, AND UNCOVER U-TURN SIGNAL HEAD SECTIONS.
EE. REMOVE TEMPORARY WOOD POLE.
FF. CAP AND ABANDON EXISTING CONDUIT.
HH. USE EXISTING ELECTRICAL HANDHOLE. SPLICE LEAD-IN CABLE TO EXISTING LOOP WIRE.
4 LL. INSTALL VIDEO TRAFFIC DETECTION SYSTEM.
8 MM. INSTALL SIGNAL HEADS AS SHOWN.
8 NN. INSTALL STEEL POLE WITH SINGLE 60 FOOT MAST ARM, SIGNAL HEADS, SIGNS, 20 FOOT LIGHTING ARM, 250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINAIRE WITH PHOTOCELL AT STA.179+10 RIGHT 60' AS SHOWN.
8 PP. INSTALL STEEL POLE WITH SINGLE 38 FOOT MAST ARM SIGNAL HEADS, SIGNS, AT STA.178+08 RIGHT 49' AS SHOWN.

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

TSP 31

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

REVISIONS	APPROVALS
0 10-00 NEW MD 28 GEOMETRICS SHA CONT. NO. M05285271	PROJECT MANAGER, SIGNAL DESIGN DIVISION ORIGINAL
3 ADDENDUM NO. 3 REPLACEMENT SHEET 12/19/2000	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION ØN
4 REDLINE NO. 4 REPLACEMENT SHEET 8/23/2001	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION FILE
8 REDLINE NO. 8 REPLACEMENT SHEET 2/15/2002	DIRECTOR, TRAFFIC & SAFETY
Q.X.	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
ULTIMATE
MD 28 (DARNESTOWN RD) AND TSCHIFFELY SQUARE ROAD

DRAWN BY: T. ZAYDEL	F.A.P. NO.		TS NO. 3609A	SHEET NO. 330 OF 434
CHECKED BY: T. HANNAN	S.H.A. NO.			
SCALE: 1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. D107	
DATE: 6-3-96	LOG MILE:	15002816.06		

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