EXISTING SIGNAL HEADS

12" R Y G — 5.6

12" — 7.8.9.10

EXISTING SIGNS

36"X75" ASSOCIATED SHIELD ASSEMBLY — EAST 28 — 15

24"X51" ASSOCIATED SHIELD ASSEMBLY — WEST 28 — 16

R10-4(1) 9"X12" — 13.14

PROPOSED SIGNS

D-3(1) DUAL FACED (VARIABLE x 16") — Tschiffely Sq RD — 17

D-3(1) DUAL FACED (VARIABLE x 16") — Tschiffely Sq RD — 18

PROPOSED SIGNAL HEADS

12" R Y G — 1.2.3

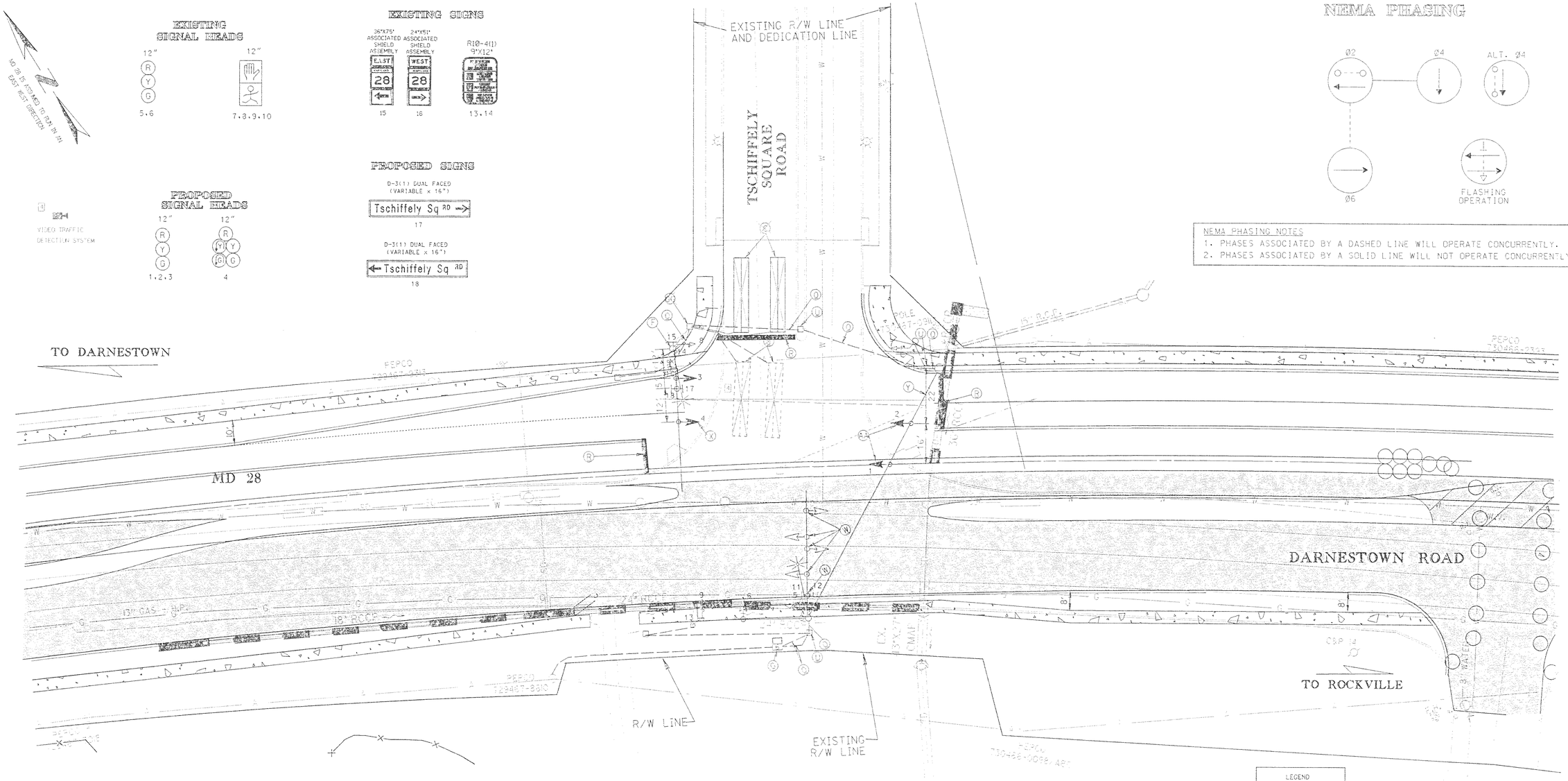
12" R Y G G — 4

VIDEO TRAFFIC DETECTION SYSTEM

MD 28 IS ASSUMED TO RUN N-S EAST-WEST DIRECTION

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.



CONSTRUCTION DETAILS

4 A. INSTALL 6 FOOT X 30 FOOT QUANDRUPOLE TYPE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN FLEXIBLE TUBING.
F. USE EXISTING SIGNAL POLE AND MAST ARM. INSTALL SIGNAL HEADS AND SIGNS AS SHOWN.
G. USE EXISTING CONTROLLER.
4 L. ABONDON EXISTING LOOP DETECTOR.
O. USE EXISTING CONDUIT.
R. INSTALL 24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE.
U. USE EXISTING HANDHOLE.
W. REMOVE EXISTING SIGNAL HEADS AND SIGNS.
X. COVER U-TURN SIGNAL HEADS.
Y. USE EXISTING SPAN WIRE. ROUTE CABLES AS SHOWN ON WIRING DIAGRAM.
AA. INSTALL SIGNAL HEAD.
4 CC. USE EXISTING HANDHOLE. SPLICE LOOP WIRE TO EXISTING LEAD-IN CABLE.

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 29

REVISION 'A'
KCI TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-2283
(410) 316-7800

REVISIONS
A 10-00 NEW MD 28 GEOMETRICS SHA CONT. NO. MO5285271
△ ADDENDUM NO. 3 REPLACEMENT SHEET 12/19/2000
4 REDLINE NO. 4 REPLACEMENT SHEET 9/07/2001
G.X.

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 3 CONSTRUCTION
MD 28 (DARNESTOWN RD) AND TSCHIFFELY SQUARE ROAD

DRAWN BY: T. ZAYDEL	F.A.P. NO.		T.S. NO. 3609A-PX-2	SHEET NO. 328 OF 434
CHECKED BY: T. HANNAN	S.H.A. NO.			
SCALE: 1" = 20'	COUNTY: MONTGOMERY		T.I.M.S. NO. 0107	
DATE: 6-3-96	LOG MILE: 15002816.06			

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