PROPOSED SIGNALS

12"

13,14,16

SIGNALS PREVIOUS PHASE TO BE RELOCATED

12" 12"

3,6 1,2

SIGNALS FROM PREVIOUS PHASE TO REMAIN

12" 12"

7,8,9,10 11,12,15

SIGN FROM PREVIOUS PHASE TO BE COVERED

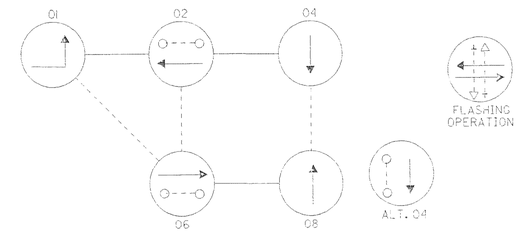
R10-12
36"X42"

LEFT TURN YIELD ON GREEN

20

VIDEO TRAFFIC DETECTION SYSTEM

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.

MD 28 DARNESTOWN ROAD IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

PROPOSED SIGNS

9"x12"
R10-4(1)

TO BE INSTALLED WITH PUSHBUTTON

22

SIGNS FROM PREVIOUS PHASE TO BE RELOCATED

D3-2
Variable x 16"
(Dual Faced)
Owens Glen WAY

18a,19a

D3-2
Variable x 16"
(Dual Faced)
Owens Glen WAY

18b,19b

R10-12
36"X42"

LEFT TURN YIELD ON GREEN

17

SIGNS PREVIOUS PHASE TO REMAIN

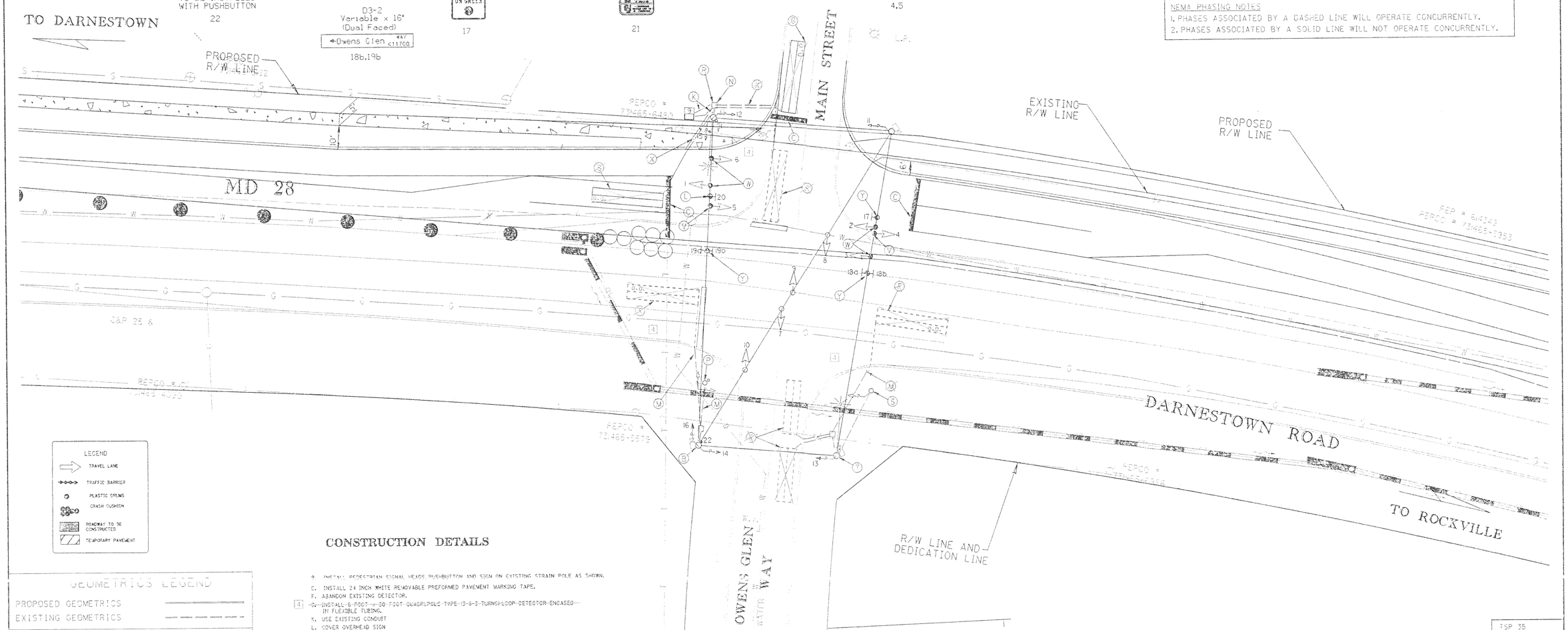
R10-4(1)
9"x12"

21

SIGNAL FROM PREVIOUS PHASE TO BE RELOCATED AND COVERED

12"

4,5



LEGEND
- TRAVEL LANE
- TRAFFIC BARRIER
- PLASTIC DRUMS
- CRASH CUSHION
- ROADWAY TO BE CONSTRUCTED
- TEMPORARY PAVEMENT

CONSTRUCTION DETAILS

B. INSTALL PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN ON EXISTING STRAIN POLE AS SHOWN.
C. INSTALL 24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE.
F. ABANDON EXISTING DETECTOR.
[4] G. INSTALL 6-FOOT x 30-FOOT QUADRUPOLE TYPE 13-6-2 TURNO LOOP DETECTOR ENCASED IN FLEXIBLE TUBING.
K. USE EXISTING CONDUIT
L. COVER OVERHEAD SIGN
M. CAP AND ABANDON EXISTING CONDUIT.
[4] N. SPLICE LOOP DETECTOR WIRE TO LEAD-IN CABLE INSTALLED IN PREVIOUS PHASE
P. REMOVE PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN, AND FOUNDATION.
R. USE EXISTING HANDHOLE.
S. REMOVE PEDESTRIAN SIGNAL HEADS, POLE, AND FOUNDATION.
T. INSTALL PEDESTRIAN SIGNAL HEAD ON EXISTING STRAIN POLE AS SHOWN.
V. RELOCATE AND COVER SIGNAL HEAD AS SHOWN.
W. RELOCATE SIGNAL HEAD.
[4] X. INSTALL 1-INCH ELECTRICAL CONDUIT W/ GALVANIZED SLEEVE
Y. RELOCATE OVERHEAD SIGN.
Z. USE CONDUIT INSTALLED IN PREVIOUS PHASE

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 35

REVISION 'B'

KCI TECHNOLOGIES

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10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1888
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REVISIONS

B	3-94 MODIFY SIGNAL DUE TO NEW GEOMETRICS FOR EB MD 28
L.C.	
C	10-00 NEW MD 28 GEOMETRICS
A	ADDENDUM NO. 3 NEW SHEET 12/19/2000
[4]	REDLINE NO. 4 REPLACEMENT SHEET 9/07/2001
Q.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 ROAD @ OWENS GLEN WAY/MAIN STREET

DRAWN BY:	S.R. BARANOWSKI	F.A.P. NO.		TS NO. 35948-PX-3	SHEET NO.
CHECKED BY:	R.R. ZACHERL	S.H.A. NO.	BW-853-302-312		
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. D107	334 OF 434
DATE:	2-15-96	LOG MILE:	15002816.46		

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