MD 272 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNALS

3-7: R, Y, G — 12"
1,2: R, Y, G — 12"

PROPOSED SIGNS

9,11: TIGER DR — D3-2 DUAL FACE SIGN (VAR. X 16")

8,10: LEFT TURN YIELD ON FLASHING RED AFTER STOP — R10-12(4) (36" X 42")

12: NEW — W3-3 (48" X 48") W/"NEW PANEL" (30" X 30") AND FLAGS

15: NORTH 272 — M3-1 24" X 12" M1-6 30" X 24" M6-2 21" X 15"

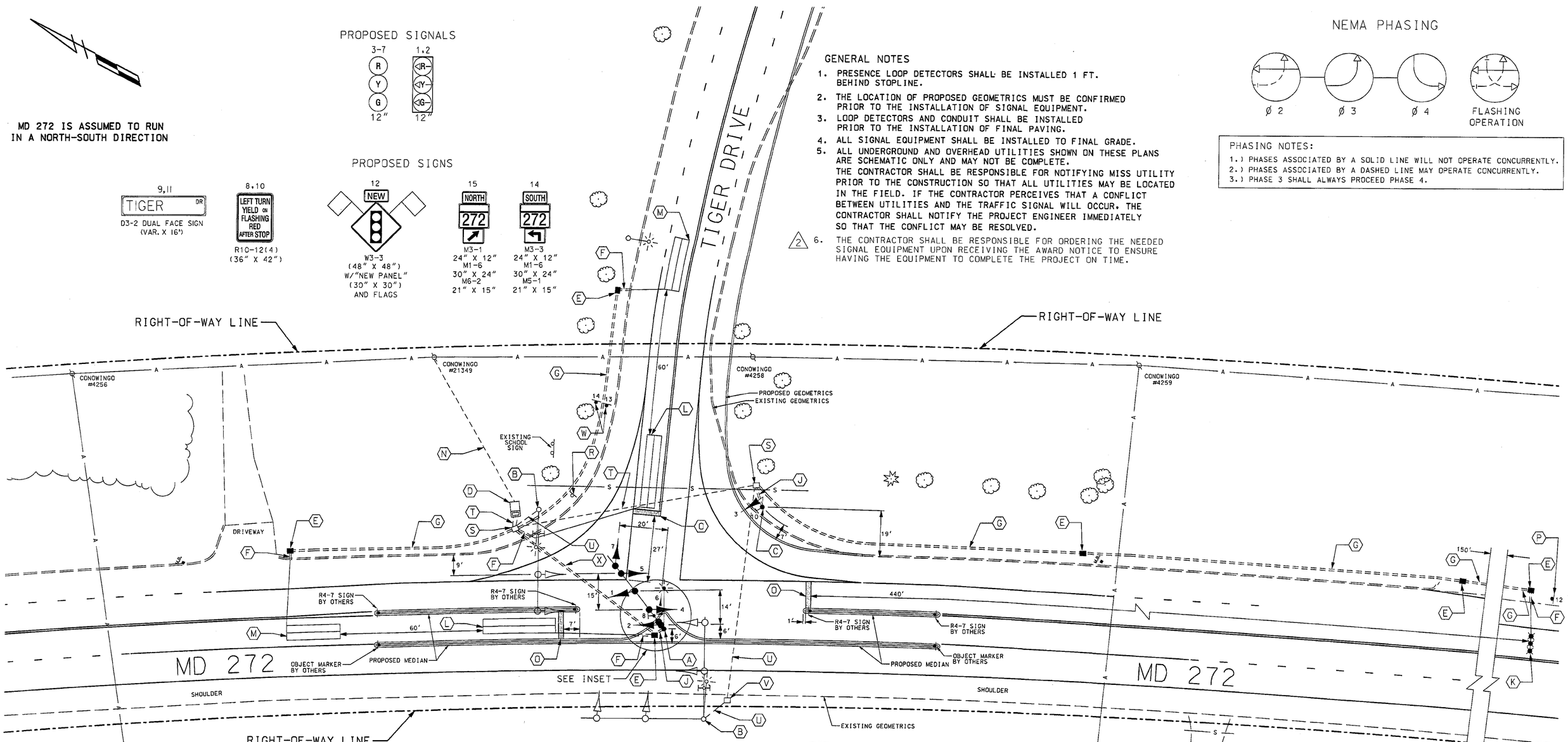
14: SOUTH 272 — M3-3 24" X 12" M1-6 30" X 24" M5-1 21" X 15"

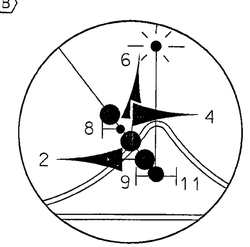
GENERAL NOTES

1. PRESENCE LOOP DETECTORS SHALL BE INSTALLED 1 FT. BEHIND STOPLINE.
2. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
3. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF FINAL PAVING.
4. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
5. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
6. (2) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING THE NEEDED SIGNAL EQUIPMENT UPON RECEIVING THE AWARD NOTICE TO ENSURE HAVING THE EQUIPMENT TO COMPLETE THE PROJECT ON TIME.

NEMA PHASING

PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.
3.) PHASE 3 SHALL ALWAYS PROCEED PHASE 4.





INSET

(2) ADDENDUM 2 DECEMBER , 2002

CONSTRUCTION DETAILS

A. INSTALL 27 FT. MAST ARM POLE WITH A 38 FT. MAST ARM, SIGNAL HEADS, SIGN AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BEND)
B. REMOVE EXISTING POLE, MAST ARM, SIGNAL HEADS, AND SIGNS
(2) C. INSTALL 14 FT. BREAKAWAY PEDESTAL POLE WITH SIGNAL HEAD AND SIGN (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BEND)
D. INSTALL EIGHT-PHASE CONTROLLER AND ALL NECESSARY EQUIPMENT IN EXISTING BASE MOUNTED CABINET
E. INSTALL ELECTRICAL HANDHOLE
F. INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
G. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
H. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED
J. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
K. INSTALL MICRO-LOOP PROBE WITH 1000 FT. LEAD-IN
L. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR (3-6-3 WINDING)
M. INSTALL 6 FT. X 22 FT. QUADRUPOLE TYPE LOOP DETECTOR (3-6-3 WINDING)
N. EXISTING UNDERGROUND ELECTRIC SERVICE
O. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING
P. INSTALL W3-3 SIGN WITH "NEW" PANEL AND FLAGS ON TWO 4" X 6" WOOD POSTS APPROXIMATEL 550 FT. PRIOR TO INTERSECTION
Q. (NOT USED)
R. REMOVE EXISTING "STOP" SIGN (AT TIME OF SIGNAL TURN ON)
S. USE EXISTING HANDHOLE
T. USE EXISTING CONDUIT
U. CAP AND ABANDON EXISTING CONDUIT
V. REMOVE EXISTING HANDHOLE
W. INSTALL ROUTE MARKER ASSEMBLY ON ONE 4 IN. X 6 IN. WOOD POST
X. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101

REVISIONS

(A) UPGRADE ICB TO HALF SIGNAL SHA NO. 8035176
8-27-02 TIMS NO. F 302
TMZ MLH

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION PLAN
MD 272 AND TIGER DRIVE

DRAWN BY:	S. BLOSS	F.A.P. NO.		TS NO. 3804 A	SHEET NO.
CHECKED BY:	N. LEARY	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	CECIL	T.I.M.S. NO. F 302	OF
DATE:		LOG MILE:	07027218.38		

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