DRILL HOLES

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EXISTING SIGNS TO REMAIN

21,26 Bel Air South PKWY

20A,20B,25A,25B Bel Air S. PKWY

29,33,34,39 CORE WAY R6-1

28 LEFT ON GREEN ARROW ONLY

22,27 R4-7

32,37 ONLY R3-5R

36 R3-6L

30,35 ONLY R3-5L

31,38 Vietnam Vets Mem. Hwy D3-2 SINGLE FACE SIGN

MD 24 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

RIGHT-OF-WAY LINE

PROPOSED SIGNS

23,24 ONLY R3-5L (30" x 36")

PROPOSED VIDEO DETECTION CAMERA

A

EXISTING SIGNALS TO REMAIN

6,7 R Y G 12"

4,5,8,9,12 R Y G 12"

10,11,13,14 R Y G G 12"

15 R Y Y G G 12"

16-19 12"

PROPOSED L.E.D. SIGNALS

1,2,3 R Y G 12"

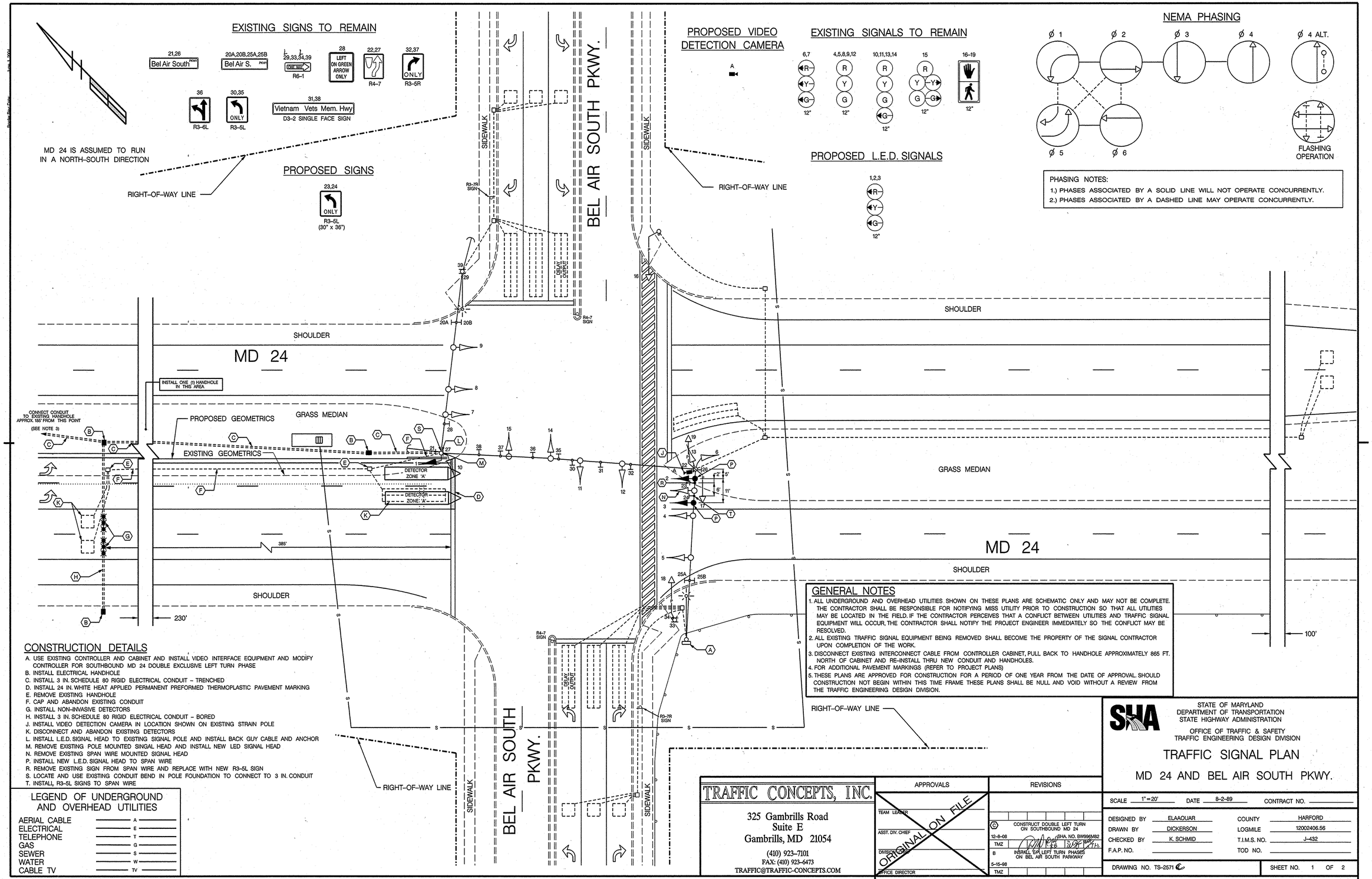
NEMA PHASING

Ø 1 Ø 2 Ø 3 Ø 4 Ø 4 ALT. Ø 5 Ø 6 FLASHING OPERATION

PHASING NOTES:

1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. USE EXISTING CONTROLLER AND CABINET AND INSTALL VIDEO INTERFACE EQUIPMENT AND MODIFY CONTROLLER FOR SOUTHBOUND MD 24 DOUBLE EXCLUSIVE LEFT TURN PHASE
B. INSTALL ELECTRICAL HANDHOLE
C. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – TRENCHED
D. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
E. REMOVE EXISTING HANDHOLE
F. CAP AND ABANDON EXISTING CONDUIT
G. INSTALL NON-INVASIVE DETECTORS
H. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT – BORED
J. INSTALL VIDEO DETECTION CAMERA IN LOCATION SHOWN ON EXISTING STRAIN POLE
K. DISCONNECT AND ABANDON EXISTING DETECTORS
L. INSTALL L.E.D. SIGNAL HEAD TO EXISTING SIGNAL POLE AND INSTALL BACK GUY CABLE AND ANCHOR
M. REMOVE EXISTING POLE MOUNTED SINGAL HEAD AND INSTALL NEW LED SIGNAL HEAD
N. REMOVE EXISTING SPAN WIRE MOUNTED SIGNAL HEAD
P. INSTALL NEW L.E.D. SIGNAL HEAD TO SPAN WIRE
R. REMOVE EXISTING SIGN FROM SPAN WIRE AND REPLACE WITH NEW R3-5L SIGN
S. LOCATE AND USE EXISTING CONDUIT BEND IN POLE FOUNDATION TO CONNECT TO 3 IN. CONDUIT
T. INSTALL R3-5L SIGNS TO SPAN WIRE

GENERAL NOTES

1. 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 CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT BEING REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE WORK.
3. DISCONNECT EXISTING INTERCONNECT CABLE FROM CONTROLLER CABINET, PULL BACK TO HANDHOLE APPROXIMATELY 865 FT. NORTH OF CABINET AND RE-INSTALL THRU NEW CONDUIT AND HANDHOLES.
4. FOR ADDITIONAL PAVEMENT MARKINGS (REFER TO PROJECT PLANS)
5. THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

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.
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(410) 923-7101
FAX: (410) 923-6473
TRAFFIC@TRAFFIC-CONCEPTS.COM

APPROVALS

TEAM LEADER

ASST. DIV. CHIEF

DIVISION CHIEF

OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

C	12-8-08	TMZ	CONSTRUCT DOUBLE LEFT TURN ON SOUTHBOUND MD 24
B	5-15-98	TMZ	SHA NO. BW996M82 INSTALL 5th LEFT TURN PHASES ON BEL AIR SOUTH PARKWAY

FILE PATH: M:\2400\2407\Signal\DGN\signal.dgn

DATE: Monday, December 08, 2008 AT 04:13 PM

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN

MD 24 AND BEL AIR SOUTH PKWY.

SCALE 1"=20' DATE 8-2-89 CONTRACT NO.

DESIGNED BY ELAAOUAR
DRAWN BY DICKERSON
CHECKED BY K. SCHMID
F.A.P. NO.

COUNTY HARFORD
LOGMILE 12002406.56
T.I.M.S. NO. J-432
TOD NO.

DRAWING NO. TS-2571

SHEET NO. 1 OF 2