DRILL HOLES

DRILL HOLES

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MD 170 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

20 Reece RD → — D-3(1) DUAL FACE VAR' x 16"
17 ← Reece RD — D-3(1) DUAL FACE VAR' x 16"
18 Donaldson AVE → — 19 ← Donaldson AVE — D-3(1) DUAL FACE VAR' x 16"
21,22,23,24 Telegraph RD — D-3(1) DUAL FACE VAR' x 16"

27 WEST MARYLAND 174 ← — M1-5(6) 48" x 72"
29 EAST MARYLAND 174 ← — M1-5(6) 48" x 72"
31 NORTH MARYLAND 170 ← — M1-5(6) 48" x 72"
33 SOUTH MARYLAND 170 ← — M1-5(6) 48" x 72"
32 NORTH MARYLAND 170 → — M1-5(6) 30" x 48"
30 SOUTH MARYLAND 170 ↗ — M1-5(6) 30" x 48"
28 WEST MARYLAND 174 ↗ — M1-5(6) 30" x 48"
26 EAST MARYLAND 174 → — M1-5(6) 30" x 48"

35 SINGLE LANE 350 FEET — W4-2(5) 30" x 42"
25 LANE ENDS MERGE LEFT — W9-2(4)(L) 30" x 42"
37 FORM SINGLE LANE — R4-9(1) 24" x 30"
36 SINGLE LANE / ALTERNATE MERGE — W4-2(4) 36" x 36" / W4-2(3) 36" x 18"
34 SINGLE LANE / BEYOND SIGNAL — W4-2(4) 36" x 36" / W16-2(1) 30" x 18"

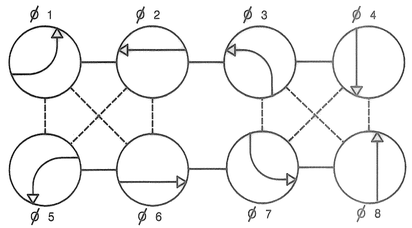
EXISTING L.E.D. TRAFFIC SIGNAL HEADS

1,2,5,6,9,10,13,14: R, Y, G — 12"
3,4,7,8,11,12,15,16: R, Y, G — 12"

EXISTING VIDEO DETECTION CAMERAS

A–D

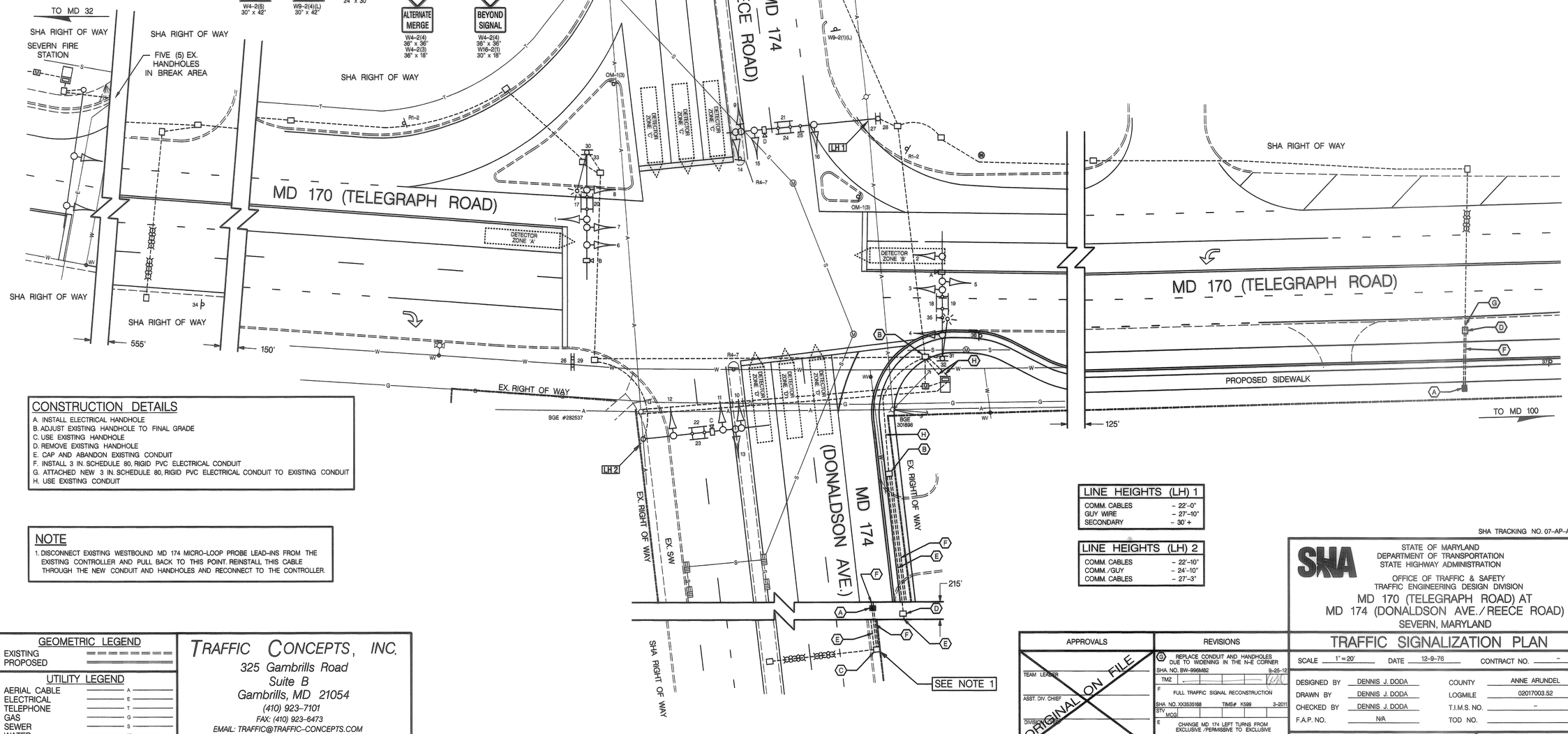
NEMA PHASING



FLASHING OPERATION

FIRE HOUSE PRE-EMPTION PHASE

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. INSTALL ELECTRICAL HANDHOLE
B. ADJUST EXISTING HANDHOLE TO FINAL GRADE
C. USE EXISTING HANDHOLE
D. REMOVE EXISTING HANDHOLE
E. CAP AND ABANDON EXISTING CONDUIT
F. INSTALL 3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT
G. ATTACHED NEW 3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT TO EXISTING CONDUIT
H. USE EXISTING CONDUIT

NOTE

1. DISCONNECT EXISTING WESTBOUND MD 174 MICRO-LOOP PROBE LEAD-INS FROM THE EXISTING CONTROLLER AND PULL BACK TO THIS POINT. REINSTALL THIS CABLE THROUGH THE NEW CONDUIT AND HANDHOLES AND RECONNECT TO THE CONTROLLER.

LINE HEIGHTS (LH) 1

COMM. CABLES	– 22'-0"
GUY WIRE	– 27'-10"
SECONDARY	– 30'+

LINE HEIGHTS (LH) 2

COMM. CABLES	– 22'-10"
COMM./GUY	– 24'-10"
COMM. CABLES	– 27'-3"

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite B
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

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Thursday, September 27, 2012 AT 11:35 AM
M:2176

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
G REPLACE CONDUIT AND HANDHOLES DUE TO WIDENING IN THE N-E CORNER — SHA NO. BW-999M82 — 9-25-12 — TMZ
F FULL TRAFFIC SIGNAL RECONSTRUCTION — SHA NO. XX3535168 — TIMS# K599 — 3-2011 — BTV MCG
E CHANGE MD 174 LEFT TURNS FROM EXCLUSIVE /PERMISSIVE TO EXCLUSIVE — SHA NO. SF-SIGNAL — TIMS# H614 — 7-2010 — WM DJD DJD RB DJD CS WH TH

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SHA TRACKING NO. 07-AP-AA-037

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 170 (TELEGRAPH ROAD) AT
MD 174 (DONALDSON AVE./REECE ROAD)
SEVERN, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' — DATE 12-9-76 — CONTRACT NO. –

DESIGNED BY DENNIS J. DODA — COUNTY ANNE ARUNDEL
DRAWN BY DENNIS J. DODA — LOGMILE 02017003.52
CHECKED BY DENNIS J. DODA — T.I.M.S. NO. –
F.A.P. NO. N/A — TOD NO. –

DRAWING NO. TS-1464 G — SHEET NO. 1 OF 1