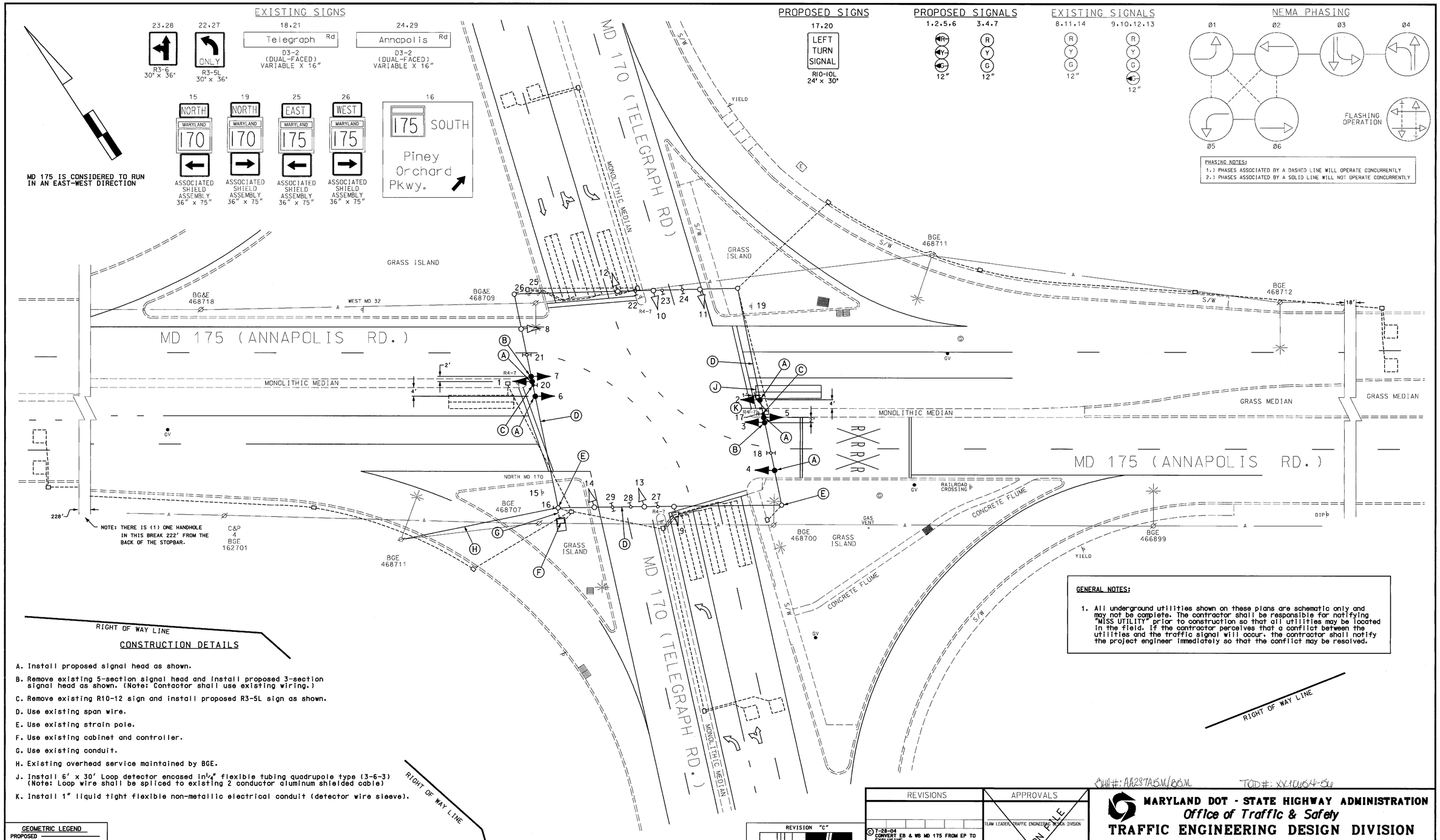
EXISTING SIGNS
23.28
R3-6
30" x 36"
22.27
ONLY
R3-5L
30" x 36"
18.21
Telegraph Rd
D3-2
(DUAL-FACED)
VARIABLE X 16"
24.29
Annapolis Rd
D3-2
(DUAL-FACED)
VARIABLE X 16"
15
NORTH
MARYLAND
170
ASSOCIATED SHIELD ASSEMBLY 36" x 75"
19
NORTH
MARYLAND
170
ASSOCIATED SHIELD ASSEMBLY 36" x 75"
25
EAST
MARYLAND
175
ASSOCIATED SHIELD ASSEMBLY 36" x 75"
26
WEST
MARYLAND
175
ASSOCIATED SHIELD ASSEMBLY 36" x 75"
16
175 SOUTH
Piney Orchard Pkwy.
MD 175 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION
PROPOSED SIGNS
17.20
LEFT TURN SIGNAL
R10-10L
24" x 30"
PROPOSED SIGNALS
1.2.5.6
3.4.7
12"
EXISTING SIGNALS
8.11.14
9.10.12.13
12"
NEMA PHASING
Ø1
Ø2
Ø3
Ø4
Ø5
Ø6
FLASHING OPERATION
PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
MD 170 (TELEGRAPH RD)
MONOLITHIC MEDIAN
S/W
YIELD
GRASS ISLAND
BGE 468711
BGE 468712
BG&E 468718
BG&E 468709
WEST MD 32
MD 175 (ANNAPOLIS RD.)
MONOLITHIC MEDIAN
GRASS MEDIAN
RAILROAD CROSSING
NORTH MD 170
BGE 468707
BGE 468711
BGE 468700
BGE 466899
C&P 4 BGE 162701
NOTE: THERE IS (1) ONE HANDHOLE IN THIS BREAK 222' FROM THE BACK OF THE STOPBAR.
GAS VENT
CONCRETE FLUME
DIP
GV
RIGHT OF WAY LINE
CONSTRUCTION DETAILS
A. Install proposed signal head as shown.
B. Remove existing 5-section signal head and install proposed 3-section signal head as shown. (Note: Contactor shall use existing wiring.)
C. Remove existing R10-12 sign and install proposed R3-5L sign as shown.
D. Use existing span wire.
E. Use existing strain pole.
F. Use existing cabinet and controller.
G. Use existing conduit.
H. Existing overhead service maintained by BGE.
J. Install 6' x 30' Loop detector encased in 1¼" flexible tubing quadrupole type (3-6-3) (Note: Loop wire shall be spliced to existing 2 conductor aluminum shielded cable)
K. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).
GENERAL NOTES:
1. All underground 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 the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
GEOMETRIC LEGEND
PROPOSED
EXISTING
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE
ELECTRIC
TELEPHONE
GAS
SEWER
WATER
CABLE TV
REVISION "C"
STREET TRAFFIC STUDIES, LTD.
4659.dgn
WT-49
REVISIONS
7-28-04 CONVERT EB & WB MD 175 FROM EP TO EXCLUSIVE SHA NO.: XX1065485
JWA
1/30 INSTALLED LOOP DETECTORS AND SPLIT SIDE ROAD PHASING
BT SR DAZ ETP TH
8-26-78 ASBUILT AA-868X-575
GBH DJD DAZ
APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINATION FILE
SHA#: AA287A5M/B0.M
TOD#: XX1405K4-5L
MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 175 @ MD 170
ODENTON, MARYLAND
DRAWN BY: DICKERSON / THOMPSON
CHECKED BY: STEVE RENZI
SCALE: 1"= 20'
DATE: REDRAWN 9-89
F.A.P. NO.
S.H.A. NO.
COUNTY: Anne Arundel
LOG MILE: 02017000.22
TS NO. 751 C
T.I.M.S. NO. G439
SHEET NO. 1 OF 2