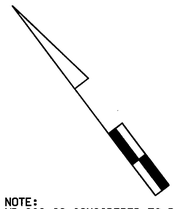
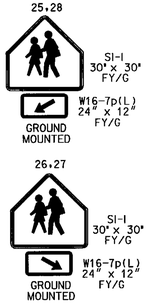
DRILL HOLES

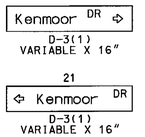
BORDER REv DATE: June 1, 2004

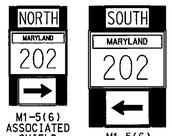
PROPOSED SIGNS



NOTE:
MD 202 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.



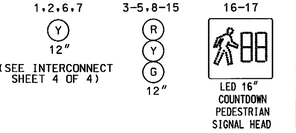




NOTE:
ADDITIONAL PROPOSED SIGNS ARE LOCATED ON THE INTERCONNECT SHEET 4 OF 4

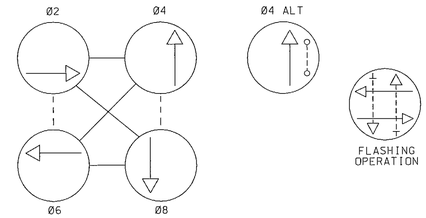
LANDOVER ROAD

PROPOSED LED SIGNALS

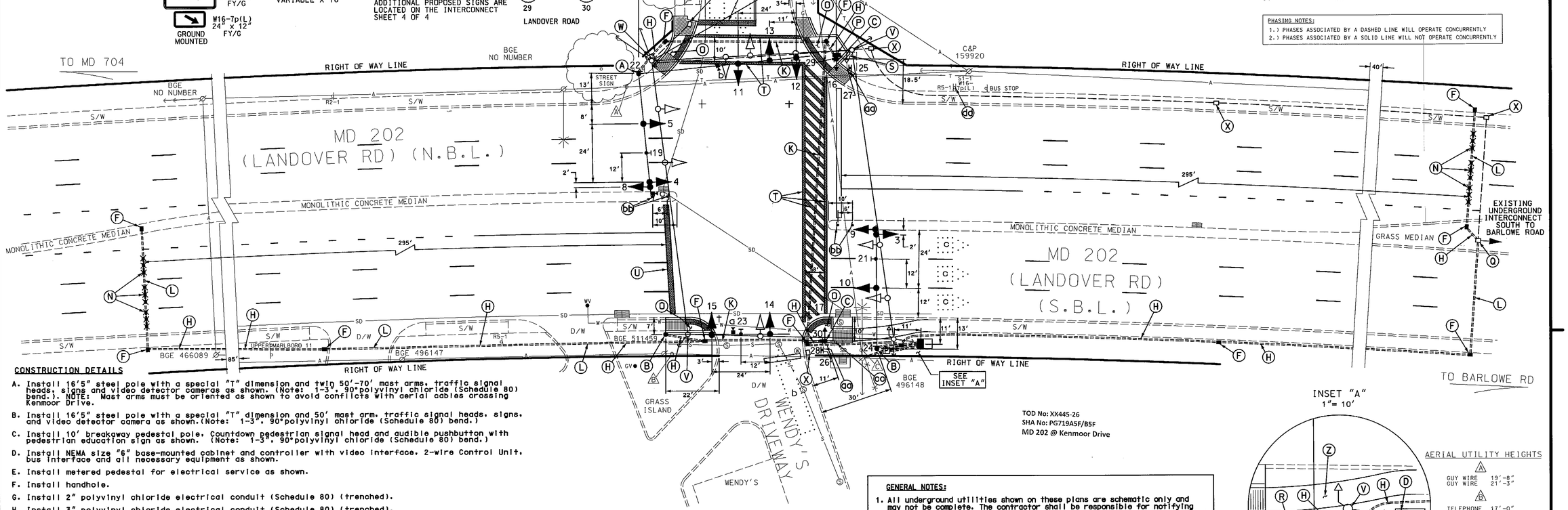


■◀ - VIDEO DETECTION CAMERA. (a-c)

NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



TOD No: XX445-26
SHA No: PG719A5F/B5F
MD 202 @ Kenmoor Drive

INSET "A"
1"= 10'

AERIAL UTILITY HEIGHTS

A
GUY WIRE 19'-8"
GUY WIRE 21'-3"

B
TELEPHONE 17'-0"
TELEPHONE 18'-7"
CATV 20'-0"
COMM. 21'-0"
SECONDARY 25'-9"
PRIMARY 32'-0"

C
CATV 20'-4"
SECONDARY 29'-10"
PRIMARY 35'-±

CONSTRUCTION DETAILS

A. Install 16'5" steel pole with a special "T" dimension and twin 50'-70' mast arms, traffic signal heads, signs and video detector cameras as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.). NOTE: Mast arms must be oriented as shown to avoid conflicts with aerial cables crossing Kenmoor Drive.

B. Install 16'5" steel pole with a special "T" dimension and 50' mast arm, traffic signal heads, signs, and video detector camera as shown.(Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

C. Install 10' breakaway pedestal pole, Countdown pedestrian signal head and audible pushbutton with pedestrian education sign as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

D. Install NEMA size "6" base-mounted cabinet and controller with video interface, 2-wire Control Unit, bus interface and all necessary equipment as shown.

E. Install metered pedestal for electrical service as shown.

F. Install handhole.

G. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

H. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

J. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

L. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).

M. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service by BGE.

N. Install non-invasive microloop probe set with 1000' lead-in cables.

O. Install proposed sidewalk ramp (Note: See Sheet 2 of 4 "ADA Ramp Detail Plan").

P. Install "G" size cabinet on pedestal pole.

Q. Use existing handhole. Pull back existing interconnect cable from existing pole mounted controller to this handhole. Reroute into new base mounted cabinet.

R. Install 2-4" polyvinyl chloride electrical conduit (Schedule 80) in same trench as shown.

S. Remove existing concrete pad as shown.

T. Remove existing crosswalk pavement markings and install 12" white, heat applied permanent preformed thermoplastic pavement marking. (crosswalk)

U. Remove existing stopline pavement marking and install 24" white, heat applied permanent preformed thermoplastic pavement marking. (stopline)

V. Remove existing wood pole along with all attached equipment and backfill.

W. Remove existing wood pole with pole mounted cabinet, controller alone with all attached equipment and backfill. Controller shall be delivered to SHA.

X. Remove existing handhole and cap and abandon existing conduit.

Y. BGE Shall remove existing overhead electrical service.

Z. Remove existing sidewalk and install 5" concrete sidewalk as shown.

aa. Install ground mounted signs with wood support as shown.

bb. Remove S1-1 and or W16-7P sign with existing metal post. Install proposed OM1-1 sign and R4-7 sign 6' behind this sign on wood posts as shown.

cc. Remove existing ground mounted sign and post.

dd. Remove S1-1 and W16-7p(L) signs from existing wood post.

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.
2. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04 The contractor shall verify ultimate grades prior to the installation of all signal equipment.
3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards. All crosswalks shall be centered on handicap ramps or median cut throughs.
4. The contractor shall remove all unused wiring.
5. For all General Notes concerning ADA ramps, crosswalk locations and pedestrian pole and pushbutton locations, see Sheet 2 of 4.

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

REVISION "A"
STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.,NW.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-5537
5809.dgn T-252

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

REVISIONS
A 8-24-10
REBUILD TRAFFIC SIGNAL WITH CPS / APS
SHA NO.: XX445185 TIMS NO.: K018
JWA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 202 (LANDOVER ROAD) AND KENMOOR DRIVE

GLENARDEN, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 1994 +/- CONTRACT NO.
DESIGNED BY M. RUCKER (TEMP SIGNAL) COUNTY PRINCE GEORGE'S
DRAWN BY LOGMILE 16020210.61
CHECKED BY TIMS NO. K018
F.A.P. NO. TOD NO.

TS NO. 4743A | DRAWING NO. 1 OF 4 | SHEET NO. OF

PLOTTED: $DATETIME$
FILE: $FILE$

DRILL HOLES

DRILL HOLES