DRILL HOLES

BORDER REV: DATE: June 1, 2004

EXISTING SIGNS

16a — Old Taneytown RD →
16b — ← Old Taneytown RD
D-3(1) (DUAL FACED) (VARIABLE x 16")

18b — ← Hughes Shop RD
18a — Hughes Shop RD →
D-3(1) (DUAL FACED) (VARIABLE x 16")

17 — R Y G
← Old Taneytown Rd
Hughes Shop Rd →

21,24 — Taneytown Pike
D-3(1) (DUAL FACED) (VARIABLE x 16")

14 — SIGNAL AHEAD / PREPARE TO STOP WHEN FLASHING
W3-3(2) (120" X 60")

15 — R Y G

19 — EAST MARYLAND 140 →
ASSOCIATED SHIELD ASSEMBLY 30"X51"

20 — WEST MARYLAND 140 ←
ASSOCIATED SHIELD ASSEMBLY 48"X75"

22 — WEST MARYLAND 140 →
ASSOCIATED SHIELD ASSEMBLY 30"X51"

23 — EAST MARYLAND 140 ←
ASSOCIATED SHIELD ASSEMBLY 48"X75"

MD 140 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

EXISTING SIGNALS

1,2 — Y 12"
9,10,12,13 — R Y G 12"
8,11 — R Y G 8"
(BLACK-FACED)

PROPOSED LED SIGNALS

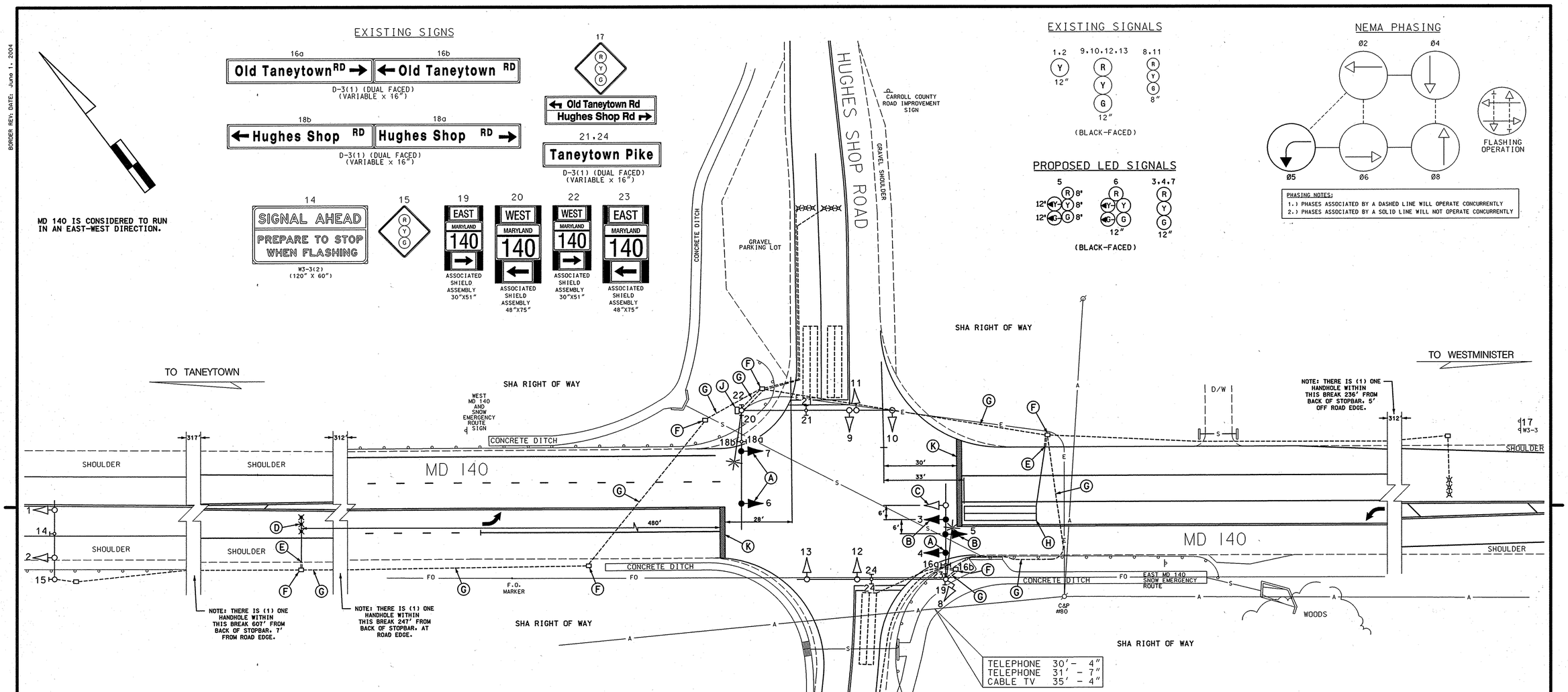
5 — R 8" Y 8" G 8" (12" Y, 12" G)
6 — R Y G 12"
3,4,7 — R Y G 12"
(BLACK-FACED)

NEMA PHASING

Ø2 Ø4 Ø5 Ø6 Ø8

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



CONSTRUCTION DETAILS

A. Remove existing traffic signal head and replace with proposed traffic signal head as shown.

B. Install LED traffic signal head as shown.

C. Remove existing traffic signal head as shown.

D. Cut and abandon existing probe set and install microloop probe set with 500' lead-in cable.

E. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

F. Use existing handhole.

G. Use existing conduit.

H. Install 6' x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

J. Use existing pole mounted cabinet and controller.

K. Install 24" white heat applied preformed thermoplastic pavement marking (stopline) as shown.

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and the plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.
3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
4. Any pavement markings not detailed shall be installed by others in accordance with SHA Standards.

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 —

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

REVISIONS
B 3/24/08 INSTALL E/P LEFT FOR WB MD 140. ADD LED'S FOR MD 140
RRZ ESR MD RDB WSK PHH
A CONVERT EXISTING ICS TO FULL TRAFFIC CONTROL SIGNAL 12/99
NML

PLOTTED: @DATETIME@
FILE: @FILE@

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 140 AND HUGHES SHOP RD/ MD 832 (OLD TANEYTOWN RD)

WESTMINSTER, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 3-27-97 CONTRACT NO.

DESIGNED BY
DRAWN BY S. BLOSS
CHECKED BY M. LEARY
F.A.P. NO. STPG-000S(495)E
COUNTY CARROLL
LOGMILE 06014012.34
TIMS NO. I409
TOD NO.

TS NO. 3545-B | DRAWING NO. 1 OF 2 | SHEET NO. OF

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