DRILL HOLES

BORDER REV: DATE: June 1, 2004

MD 346 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION

PROPOSED SIGNS

13,16 — Beaglin Park Dr — D3-2 (DUAL-FACED) VARIABLE X 16"

19,24 — Old Ocean City Rd — D3-2 (DUAL-FACED) VARIABLE X 16"

15 — EAST / MARYLAND / 346 — M3-2 24"x 12", M1-5 30"x 24", M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

21 — WEST / MARYLAND / 346 — M3-4 24"x 12", M1-5 30"x 24", M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

22 — EAST / MARYLAND / 346 — M3-2 30"x 15", M1-5 48"x 36", M6-1 30"x 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

17 — WEST / MARYLAND / 346 — M3-4 30"x 15", M1-5 48"x 36", M6-1 30"x 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

14,20 — ONLY — R3-5R 30" x 36"

18,23 — ONLY — R3-5L 30" x 36"

25 — R3-6R 30" x 36"

26,27 — NEW — R Y G — Beaglin Park Dr — TEMPORARY SIGN W3-3 NEW 36"x 36" (EXISTING SIGN ON EXISTING POST)

28,29 — NEW — R Y G — Old Ocean City Rd — TEMPORARY SIGN W3-3 NEW 36"x 36" (EXISTING SIGN ON EXISTING POST)

⚠ OVERHEAD HEIGHTS

PRIMARY	34'-0"
SECONDARY	26'-2"
LUMINAIRE	26'-0"
CATV	21'-0"

PROPOSED SIGNALS

1,4 — 12" YY 8", 12" G G 8"

2,5 — R, Y, G — 12"

3,6,9-12 — R, Y, G — 12"

7 — R 8", Y 8", G 8", G 12"

8 — R, Y, G, G 12"

■◄ – VIDEO DETECTION CAMERA a-d,e,f

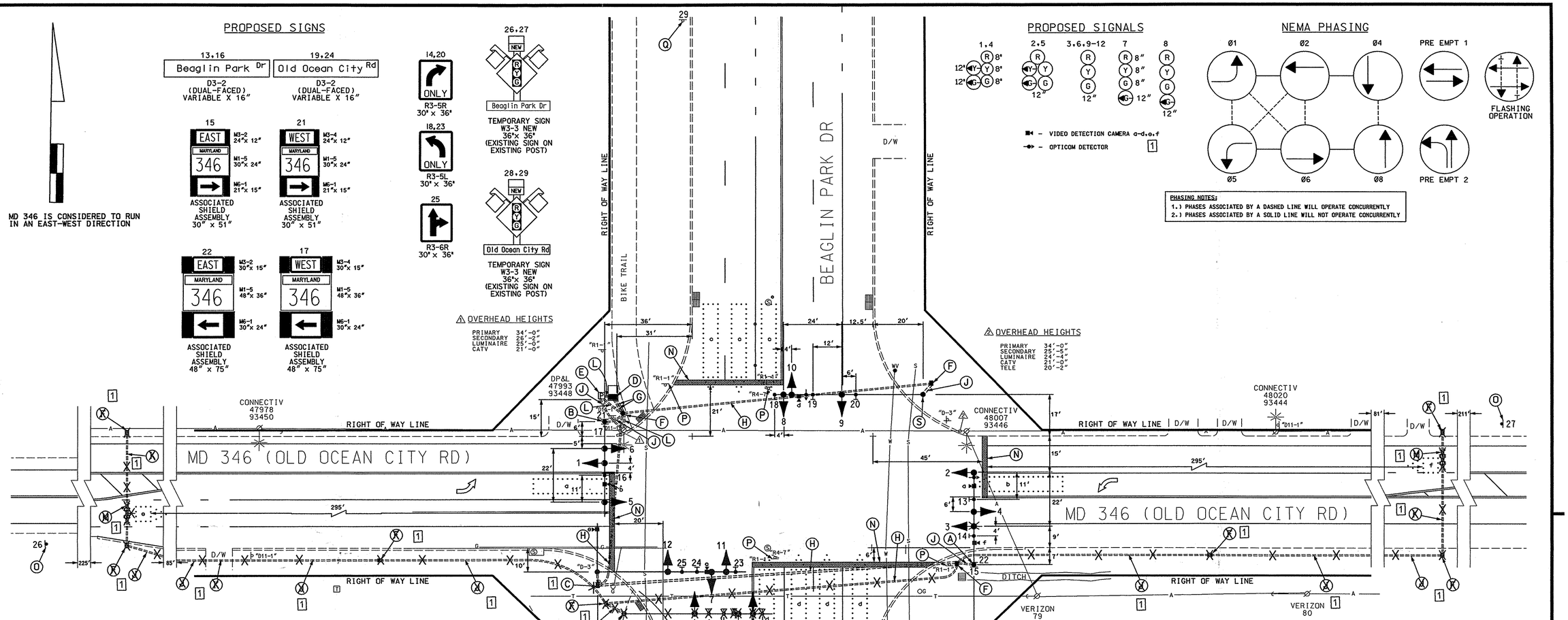
-●► – OPTICOM DETECTOR [1]

NEMA PHASING

Ø1, Ø2, Ø4, PRE EMPT 1, FLASHING OPERATION

Ø5, Ø6, Ø8, PRE EMPT 2

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. Install 27' steel pole with 38' mast arm, traffic signal heads, signs, 15' lighting arm with 250 Watt HPS luminaire, lamp, opticom eye and video detection camera as shown. (Note: 1-3" 90° polyvinyl chloride (schedule 80) bend.)

B. Install 21' steel pole with 38' mast arm, traffic signal heads, signs, and video detection camera as shown. (Note: 1-3" 90° polyvinyl chloride (schedule 80) bend.)

[1] C. Install 21' steel pole with 60' mast arm, traffic signal heads, signs, and video detection camera as shown. (Note: 1-3" 90° polyvinyl chloride (schedule 80) bend.)

D. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.

E. Install proposed metered pedestal for electrical service.

F. Install handhole.

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

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

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

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

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

M. Install non-invasive micro loop probe sets with 1000' lead-in cables.

N. Install 24" white heat applied preformed thermoplastic pavement marking. (Stopline).

O. Remove existing W2-1 from existing post and install proposed W3-3 (NEW) on existing post over top existing sign as shown.

P. Remove existing ground mounted sign.

Q. Remove existing "Stop Ahead" sign 240' from P.I. once signal is operational and install proposed W3-3 (NEW) with D-3(2) sign on existing post as shown

R. Remove existing "Stop Ahead" sign 180' from P.I. once signal is operational. and install proposed W3-3 (NEW) with D-3(2) sign on existing post as shown

S. Install 21' steel pole with 60' mast arm, traffic signal heads, signs, opticom eye and video detection camera as shown. (Note: 1-3" 90° polyvinyl chloride (schedule 80) bend.)

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. Refer to Pavement Marking and Signing Plan 3 of 3 for more details.

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—

STREET TRAFFIC STUDIES, LTD.
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[1] REDLINE REVISION 9/27/07
TEDD APPROVAL

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

PLOTTED: $DATETIME$
FILE: $FILE$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 346 AND BEAGLIN PARK DRIVE

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 7-30-07 CONTRACT NO. AT9095185

DESIGNED BY J W ALLEN
DRAWN BY W J NIES
CHECKED BY
F.A.P. NO.
COUNTY WICOMICO
LOGMILE 22034601.32
TIMS NO. I142
TOD NO.

TS NO. 4581 | DRAWING NO. 1 OF 3 | SHEET NO. OF

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