DRILL HOLES

BORDER REV. DATE: June 1, 2004

MD 528 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

EXISTING SIGNS

14.17 — 56TH STREET

15.18 — RIGHT LANE BUSES AND RIGHT TURNS ONLY

EXISTING SIGN TO BE REMOVED

13.16 — LEFT TURN YIELD ON GREEN

PROPOSED SIGNS

18a — BUSES BIKES RIGHT TURNS ONLY — 36"x 42"

15a — BUSES BIKES RIGHT TURNS ENDS AT 59TH ST. — 36"x 42"

EXISTING SIGNALS

1.3 2.4-6 9-12

NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø8

FLASHING OPERATION

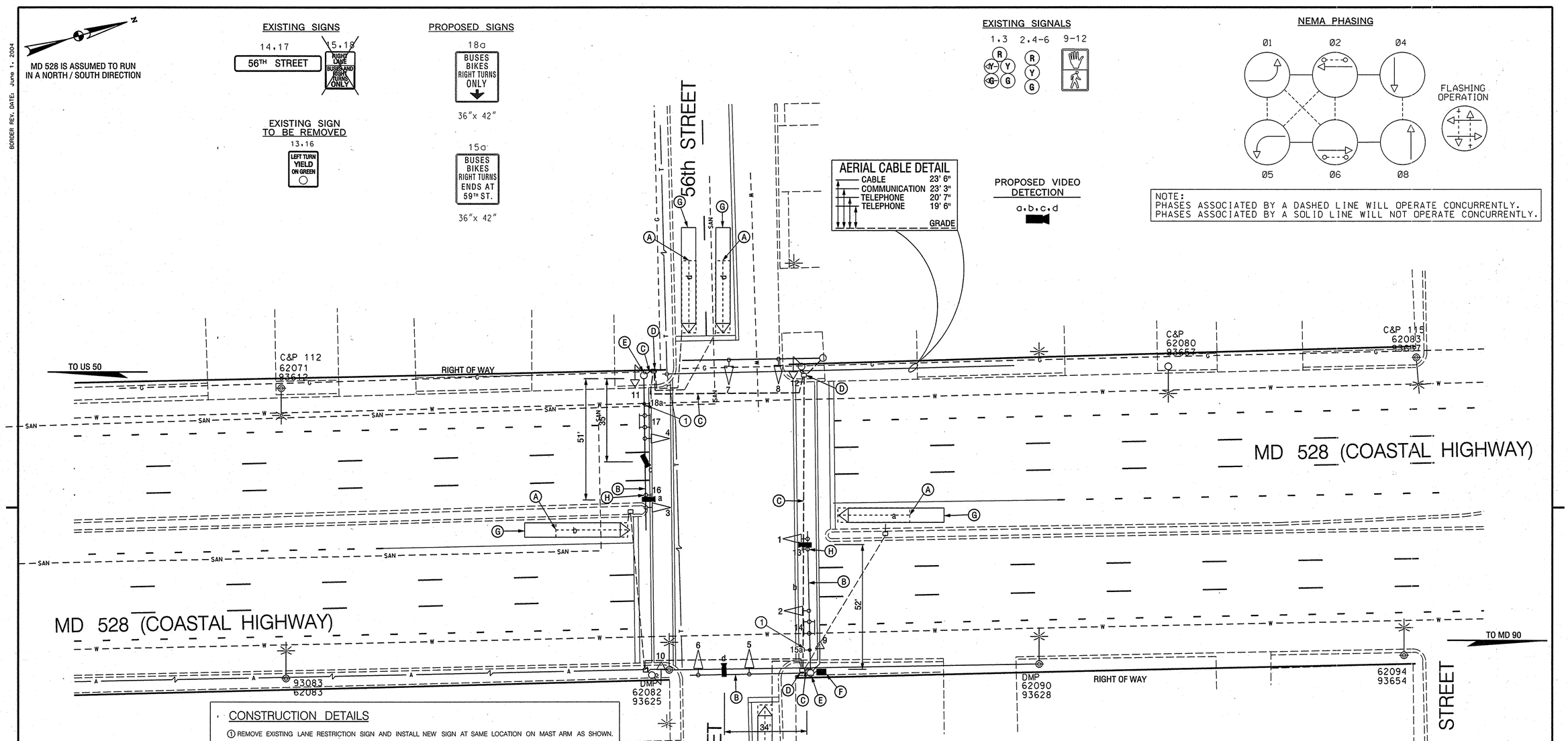
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

AERIAL CABLE DETAIL

CABLE	23' 6"
COMMUNICATION	23' 3"
TELEPHONE	20' 7"
TELEPHONE	19' 6"
GRADE	

PROPOSED VIDEO DETECTION

a.b.c.d



CONSTRUCTION DETAILS

1 REMOVE EXISTING LANE RESTRICTION SIGN AND INSTALL NEW SIGN AT SAME LOCATION ON MAST ARM AS SHOWN.

CONSTRUCTION DETAILS

A. ABANDON EXISTING LOOP DETECTOR AND REMOVE ALL 2 CONDUCTOR ALUMINUM SHIELDED ELECTRICAL CABLE FROM ALL HANDHOLES, CONDUIT AND THE CABINET.

B. USE EXISTING MAST ARM AND INSTALL VIDEO DETECTION CAMERA AS SHOWN ON PLANS.

C. USE EXISTING CONDUIT.

D. USE EXISTING HANDHOLE.

E. USE EXISTING MAST ARM POLE.

F. DISCONNECT AND PULL BACK EXISTING SIGNAL CABLES FROM CONTROLLER AND CABINET TO THE NEAREST HANDHOLE. UNBOLT CABINET FROM THE FOUNDATION. THEN INSTALL A NEMA BASE MOUNTED CABINET. (NOTE: TWO-4 IN. PVC. AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BEND). RE-INSTALL EXISTING SIGNAL CABLES INTO CONDUIT. CONTROLLER AND CABINET THEN TERMINATE. SHA FORCES SHALL BE RESPONSIBLE FOR THE FINAL CONNECTIONS IN THE CABINET.

G. PROPOSED VIDEO DETECTION ZONE.

H. REMOVE EXISTING R10-12 SIGN AND HARDWARE COMPLETELY FROM THE MAST ARM.

GENERAL NOTES

1. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

3. VIDEO DETECTION CAMERA ALIGNMENT SHALL BE DONE BY SHA ENGINEER.

GEOMETRIC LEGEND

EXISTING
PROPOSE

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
SAN	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
FO	FIBER-OPTIC

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APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DIVISION

CHIEF TRAFFIC ENGINEERING DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

REVISIONS

C INSTALL RESTRICED RIGHT LANE SIGNS — 7-14-08 — SHA NO.: AT9095185 — JKS

B SHA CONTRACT NO. AT7255185 INSTALL VIDEO DETECTION CAMERA'S — 08/24/07 — SWA

A REPLACE TRAFFIC SIGNAL FOUNDATIONS — 199 — DBD MAR DAZ BK

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 528 (COASTAL HWY) AND 56th STREET

OCEAN CITY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 11-26-86 CONTRACT NO. AW517A5L

DESIGNED BY S. THACKER (STS) COUNTY WORCESTER

DRAWN BY S. THACKER (STS) LOG/MILE 23052805.05

CHECKED BY DENNIS DODA T.M.S. NO. I673

F.A.P. NO. N/A TOD NO.

TS NO. 2255 B DRAWING 1 OF 2 SHEET NO. 17 OF 46

PLOTTED: Tuesday, July 15, 2008 AT 09:37 AM
FILE: L:\1500\1566\Task 123- MD 528\Dgn\OC DGN FILES\MD528 @ 56th_pl.dgn

BY: Owner

TOD No. AT909-32
SHA No. WO442A55/C55