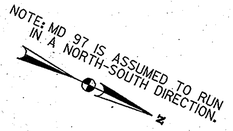


EXISTING SIGNALS

1,4, 7,10 | 2,5 8,11 | 3,6, 9,12

PROPOSED LED SIGNALS

13,14,15,16, 17,18,19,20

16" COUNTDOWN

EXISTING SIGNALS TO BE REMOVED

13a,14a,15a,16a, 17a,18a,19a,20a

EXISTING SIGNS TO REMAIN

21,23 — Reedie DR (2400) | Reedie DR (2400)
D3-2 (DUAL FACED)

30,32 — Georgia AVE (1200) | Georgia AVE (1200)
D3-2 (DUAL FACED)

33,40 — ONLY

42,43

NEMA PHASING

01 02 03 04 04 & 08 ALT.

05 06 07 08 FLASHING OPERATION

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

PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN

R10-4(1)MOD (9"x15") — 22,26
R10-4(1)MOD (9"x15") — 24,28
R10-4(1)MOD (9"x15") — 31,42
R10-4(1)MOD (9"x15") — 34,39

PROPOSED SIGNS

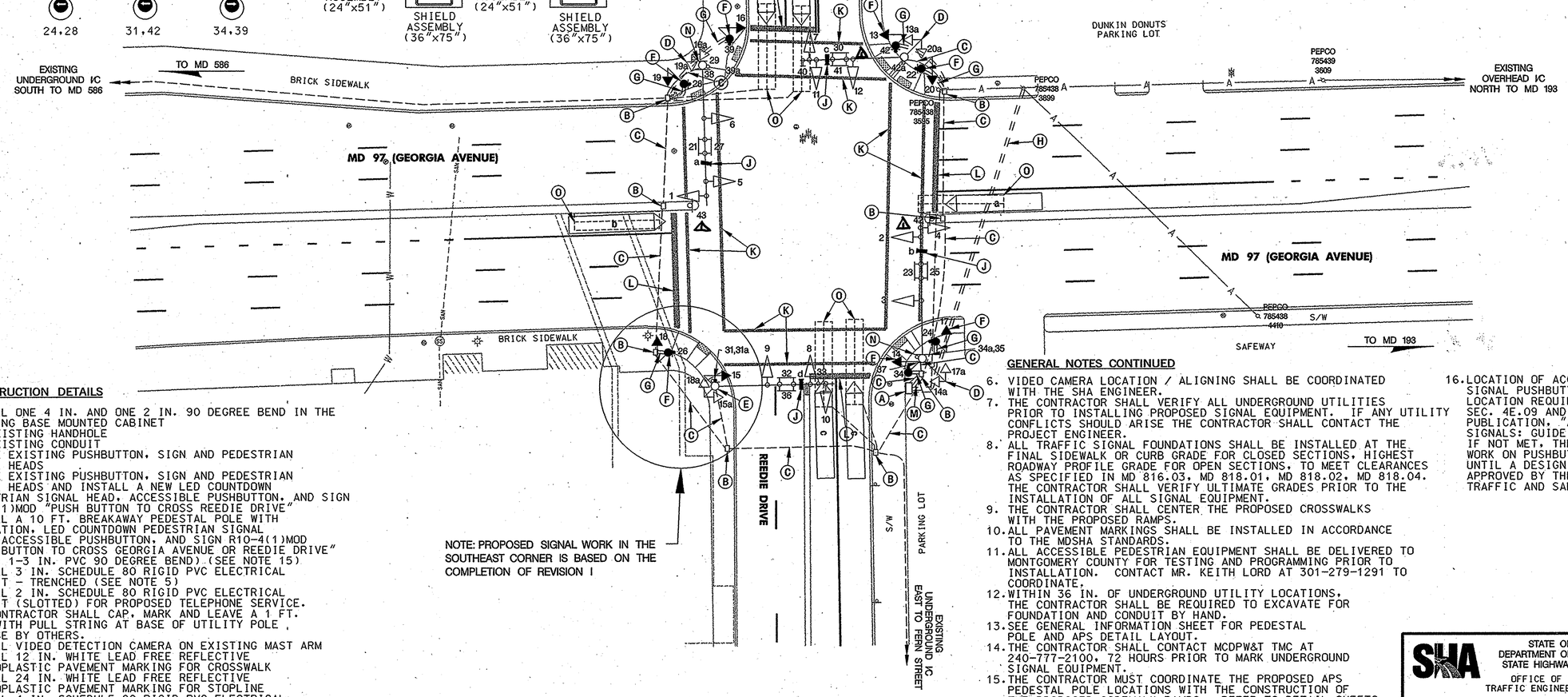
29 — SOUTH MARYLAND 97 — SHIELD ASSEMBLY (24"x51")
35 — NORTH MARYLAND 97 — SHIELD ASSEMBLY (36"x75")
37 — NORTH MARYLAND 97 — SHIELD ASSEMBLY (24"x51")
38 — SOUTH MARYLAND 97 — SHIELD ASSEMBLY (36"x75")

EXISTING PUSHBUTTON AND SIGN TO BE REMOVED

31a,34a,39a,42a

PROPOSED VIDEO DETECTION CAMERA

a,b,c,d



NOTE: PROPOSED SIGNAL WORK IN THE SOUTHEAST CORNER IS BASED ON THE COMPLETION OF REVISION 1

CONSTRUCTION DETAILS

A. INSTALL ONE 4 IN. AND ONE 2 IN. 90 DEGREE BEND IN THE EXISTING BASE MOUNTED CABINET
B. USE EXISTING HANDHOLE
C. USE EXISTING CONDUIT
D. REMOVE EXISTING PUSHBUTTON, SIGN AND PEDESTRIAN SIGNAL HEADS
E. REMOVE EXISTING PUSHBUTTON, SIGN AND PEDESTRIAN SIGNAL HEADS AND INSTALL A NEW LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON, AND SIGN R10-4(1)MOD "PUSH BUTTON TO CROSS REEDIE DRIVE"
F. INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON, AND SIGN R10-4(1)MOD "PUSH BUTTON TO CROSS GEORGIA AVENUE OR REEDIE DRIVE" (NOTE: 1-3 IN. PVC 90 DEGREE BEND) (SEE NOTE 15)
G. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED (SEE NOTE 5)
H. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (SLOTTED) FOR PROPOSED TELEPHONE SERVICE. THE CONTRACTOR SHALL CAP, MARK AND LEAVE A 1 FT. STUB WITH PULL STRING AT BASE OF UTILITY POLE , FOR USE BY OTHERS.
J. INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM
K. INSTALL 12 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK
L. INSTALL 24 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING FOR STOPLINE
M. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
N. INSTALL OVERHEAD SIGN
O. ABANDON EXISTING LOOP DETECTOR

GENERAL NOTES

1. MAINTENANCE OF TRAFFIC SHALL BE HANDLED BY THE CONTRACTOR UTILIZING THE MDSHA STANDARD PLATES FOR TRAFFIC CONTROL.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE, RAMP, AND PUSHBUTTON LOCATIONS PRIOR TO INSTALLATION.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
5. THE CONTRACTOR IS TO REMOVE THE BRICK/CONCRETE SIDEWALK AND REPLACE IT TO ITS ORIGINAL LAYOUT.

GENERAL NOTES CONTINUED

6. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
7. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
8. 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, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
9. THE CONTRACTOR SHALL CENTER THE PROPOSED CROSSWALKS WITH THE PROPOSED RAMPS.
10. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE TO THE MDSHA STANDARDS.
11. ALL ACCESSIBLE PEDESTRIAN EQUIPMENT SHALL BE DELIVERED TO MONTGOMERY COUNTY FOR TESTING AND PROGRAMMING PRIOR TO INSTALLATION. CONTACT MR. KEITH LORD AT 301-279-1291 TO COORDINATE.
12. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
13. SEE GENERAL INFORMATION SHEET FOR PEDESTAL POLE AND APS DETAIL LAYOUT.
14. THE CONTRACTOR SHALL CONTACT MCDPW&T TMC AT 240-777-2100, 72 HOURS PRIOR TO MARK UNDERGROUND SIGNAL EQUIPMENT.
15. THE CONTRACTOR MUST COORDINATE THE PROPOSED APS PEDESTAL POLE LOCATIONS WITH THE CONSTRUCTION OF THE PROPOSED SIDEWALK RAMPS. REFER TO DETAIL SHEETS IN THE IFB FOR RAMP STANDARDS, STATIONS, AND OFFSETS.
16. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2; AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE." IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.

3/20/07 Addendum #1

STV Incorporated
engineers/architects/planners/construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

UTILITY LEGEND

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

APPROVALS	REVISIONS
TEAM LEADER	① ADD APS AND COUNTDOWN PED. 12/2006 SIGNALS, AND VIDEO DETECTION TO ALL APPROACHES. SHA* M0566517
ASST. DIV. CHIEF	I 9/12/05 REVISE CONDUIT AND WIRING DUE TO WIDENING ON REEDIE SHA 996M82
DIVISION CHIEF	H AS BUILT 2-14-01
OFFICE DIRECTOR	

ORIGINAL ON FILE

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 97 (GEORGIA AVENUE) AND REEDIE DRIVE

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20' DATE _____ CONTRACT NO. M-826-378
DESIGNED BY _____ COUNTY MONTGOMERY
DRAWN BY _____ LOGMILE 15009703.27
CHECKED BY _____ T.I.M.S. NO. H326
F.A.P. NO. T-8004 (2) TOD NO. _____
DRAWING NO. TS-212J OF SHEET NO. OF

PLOTTED: THURSDAY, DECEMBER 14, 2006 AT 11:22 AM
FILE: I:\PROJECTS\0312513\0312513_0010\DRAWINGS\TRA\TRAFFIC\REEDIE DRIVE\PSG-P000.REEDIE.DGN

BY: WEAVERCC

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