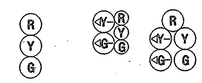
N

NOTE:
MD 97 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNALS TO REMAIN

1,2,5,6,7 — 3 — 4



EXISTING SIGNALS TO BE REMOVED

10a,11a

EXISTING SIGNS TO REMAIN

14a,14b — August Dr. 2100 — D3-2 (16"×VAR.) DUAL FACED

12,20 — S1-1 (36"×36") M6-2(MOD) (21"×15")

15,16 — S1-1 (36"×36") M6-2(MOD) (21"×15")

EXISTING SIGNS TO BE REMOVED

13a,19a — PUSH BUTTON WAIT FOR WALK SIGNAL

17 — LEFT TURN YIELD ON GREEN — R10-12

18c,18d — August Drive — D3-2

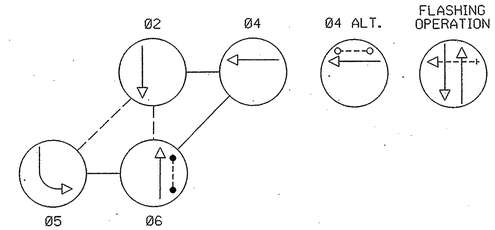
PROPOSED SIGNS

18a,18b — August Dr. 2100 — D3-2 (16"×VAR.) DUAL FACED

23 — SOUTH MARYLAND 97 — SHIELD ASSEMBLY (36"×75")

24 — NORTH MARYLAND 97 — SHIELD ASSEMBLY (24"×51")

NEMA PHASING



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

13,19 — 21 — 22

R10-4(1) (9"×12") — R10-4(1) (9"×12")

PROPOSED LED SIGNAL

8,9,10,11

16" LED COUNTDOWN PEDESTRIAN HEAD

CONSTRUCTION DETAILS

A. INSTALL 2-WIRE CENTRAL CONTROL UNIT IN EXISTING BASE MOUNTED CABINET

B. USE EXISTING HANDHOLE

C. USE EXISTING CONDUIT

D. USE EXISTING STRAIN POLE

E. USE EXISTING SPAN WIRE

F. REMOVE EXISTING PUSHBUTTON, SIGN AND PEDESTRIAN SIGNAL HEAD. INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD, SIGN (R10-4(1) "PUSH BUTTON TO CROSS GEORGIA AVE.") AND ACCESSIBLE PEDESTRIAN PUSHBUTTON ON EXISTING STRAIN POLE.

G. INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION, COUNTDOWN PEDESTRIAN SIGNAL HEAD, SIGN (R10-4(1) "PUSH BUTTON TO CROSS AUGUST DR.") AND ACCESSIBLE PEDESTRIAN PUSHBUTTON (NOTE: 1-3 IN. PVC 90 DEGREE BEND)

H. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)

J. INSTALL 12 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK (SEE DETAIL THIS SHEET)

K. INSTALL 24 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE

L. INSTALL 6 FT. X 30 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING QUADRUPOLE TYPE (3-6-3 TURNS)

M. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE

N. INSTALL 24 IN. DETECTABLE WARNING SURFACE (SURFACE APPLIED) (SEE NOTE 5)

O. REMOVE OVERHEAD SIGN

P. INSTALL 1-3 IN. PVC 90 DEGREE BEND IN EXISTING STRAIN POLE FOUNDATION

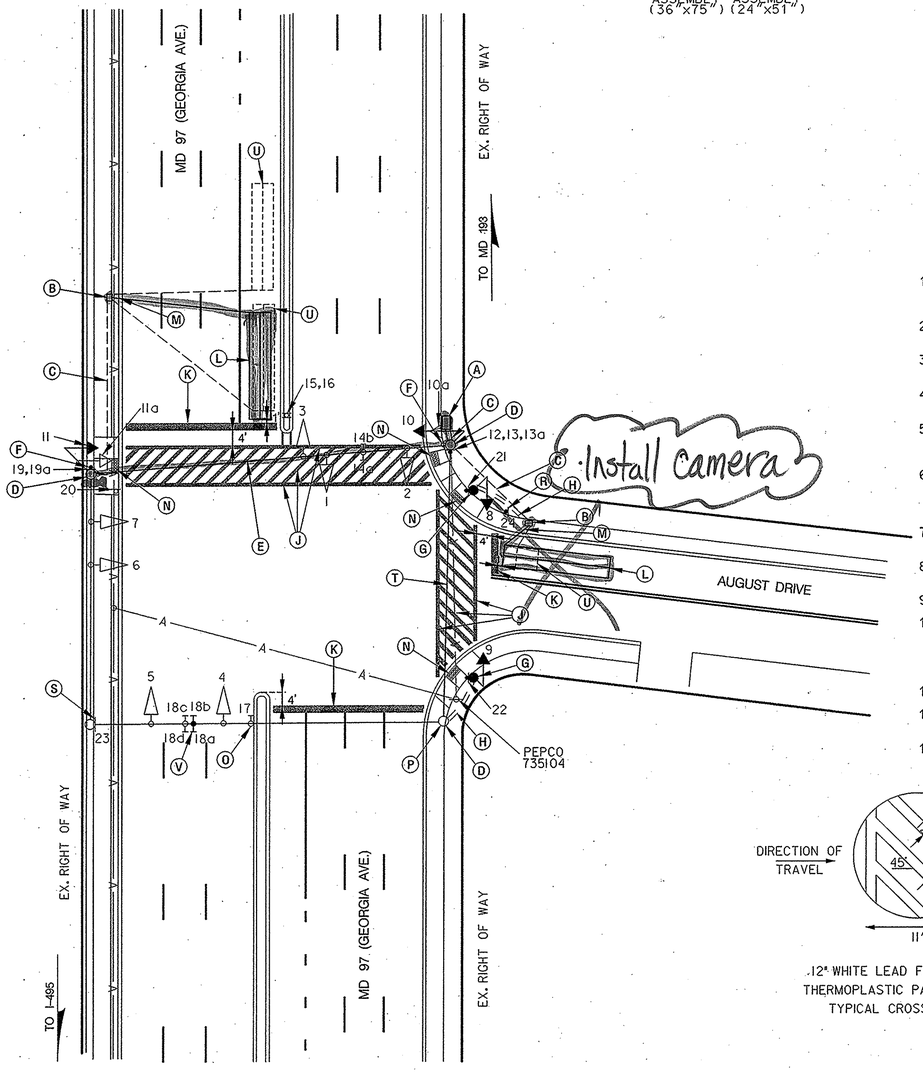
R. INSTALL GROUND MOUNTED SIGN (NO. 24) ON ONE 4 IN. X 6 IN. WOOD SIGN POST

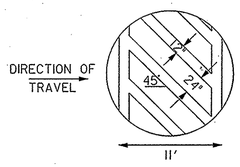
S. INSTALL OVERHEAD SIGN (NO. 23) ON EXISTING STRAIN POLE

T. INSTALL STEEL SPAN WIRE - 3/8 IN. DIAMETER

U. ABANDON EXISTING LOOP DETECTOR.

V. INSTALL OVERHEAD SIGNS (NO. 18a & 18b)





12" WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING TYPICAL CROSSWALK DETAIL

GENERAL NOTES

1. 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.
2. THE CONTRACTOR SHALL DISPOSE OF ALL PEDESTRIAN SIGNAL HEADS THAT ARE TO BE REPLACED AS SHOWN ON THIS PLAN.
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
4. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE MDSHA STANDARD PLATES FOR TRAFFIC CONTROL.
5. PLACE A 24 INCH WIDE DETECTABLE WARNING SURFACE ALONG THE FULLY DEPRESSED PORTION OF THE EXISTING RAMP. THE MAT SHALL NOT EXTEND ONTO SIDE FLARES.
6. ALL ACCESSIBLE PEDESTRIAN CONTROL EQUIPMENT SHALL BE DELIVERED TO MONTGOMERY COUNTY FOR TESTING AND PROGRAMMING PRIOR TO INSTALLATION. CONTACT MR. KEITH LORD TO COORDINATE AT 301-279-1291.
7. MONTGOMERY COUNTY WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
8. WITHIN 36 INCHES OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND COUNDUIT BY HAND.
9. THE CONTRACTOR SHALL CENTER PROPOSED CROSSWALKS ON EXISTING RAMPS.
10. 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.
11. SEE GENERAL INFORMATION SHEET FOR PEDESTAL POLE LOCATIONS.
12. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MDSHA STANDARDS.
13. THE CONTRACTOR SHALL CONTACT MCDPQ&T TMC AT 240-777-2100, 72 HOURS PRIOR TO MARK UNDERGROUND SIGNAL EQUIPMENT.

UTILITY LEGEND

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

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BY: WEAVERCC

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

REVISIONS				