MD 189 IS ASSUMED TO RUN IN THE NORTH-SOUTH DIRECTION

EXISTING SIGNS

12a: S. Glen RD 10600
12b: S. Glen RD 10600
D3-2 Dual Faced (VARIABLE x 16")

16a,17a: Falls RD 10400
16b,17b: Falls RD 10400
D3-2 Dual Faced (VARIABLE x 16")

14a,14b: Democracy BLVD
D3-2 Dual Faced (VARIABLE x 16")

EXISTING SIGNS TO BE REMOVED

13,15: LEFT TURN YIELD ON GREEN — R10-12 (30"x36")

16: LEFT TURN YIELD ON GREEN — R10-12 (36"x42")

PROPOSED SIGN

18: ONLY — R3-5(R) (30"x36")

A,B: RIGHT LANE MUST TURN RIGHT — R3-7(R) (30"x30")

19: SOUTH MARYLAND 189 (30"x51")

20: NORTH MARYLAND 189 (48"x75")

21: NORTH MARYLAND 189 (30"x51")

22: SOUTH MARYLAND 189 (48"x75")

EXISTING SIGNALS

1,4: R Y G — 12"/8"

2,5: R Y G — 12"

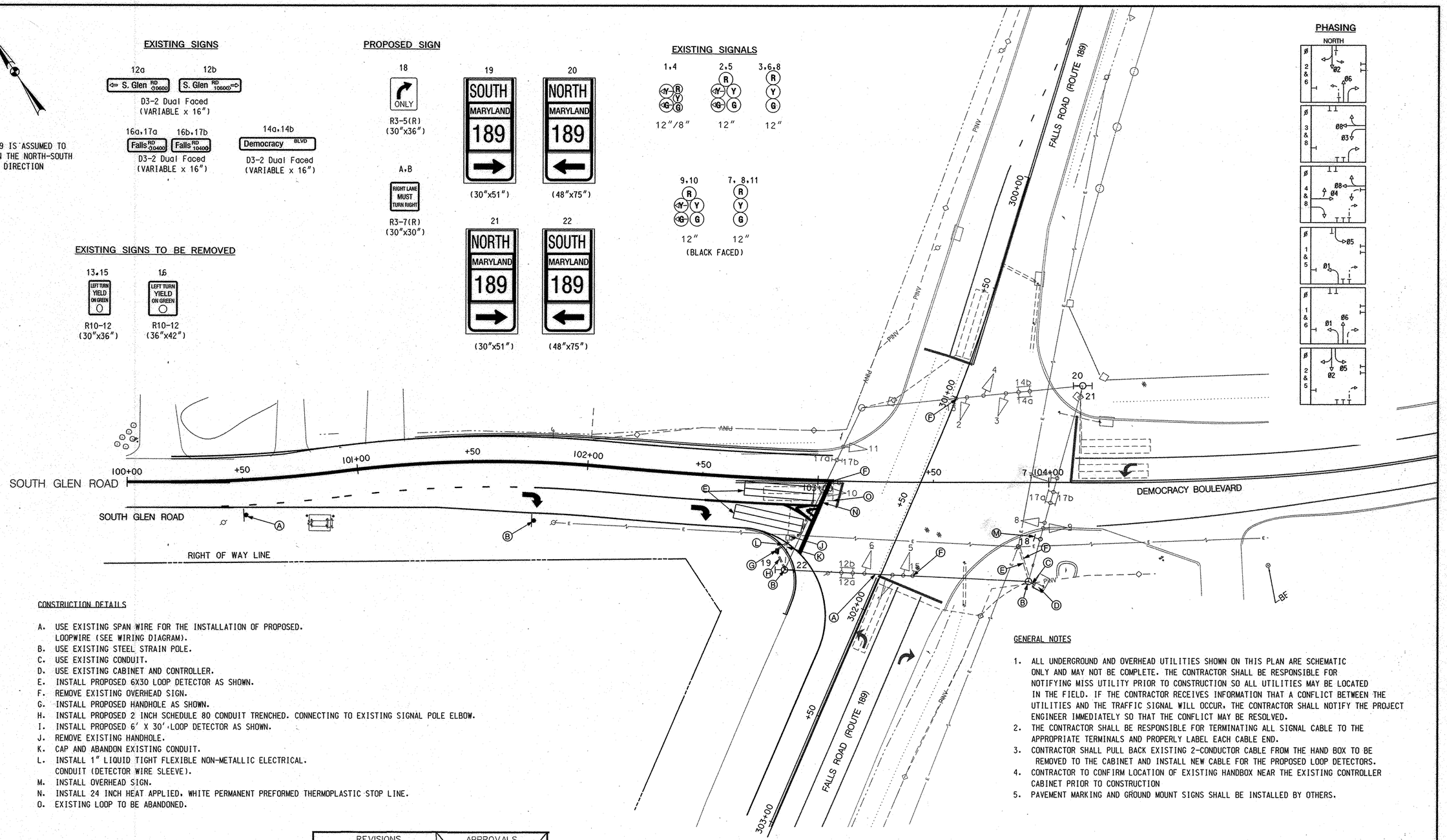
3,6,8: R Y G — 12"

9,10: R Y G — 12"

7, 8,11: R Y G — 12"

(BLACK FACED)

PHASING



CONSTRUCTION DETAILS

A. USE EXISTING SPAN WIRE FOR THE INSTALLATION OF PROPOSED. LOOPWIRE (SEE WIRING DIAGRAM).
B. USE EXISTING STEEL STRAIN POLE.
C. USE EXISTING CONDUIT.
D. USE EXISTING CABINET AND CONTROLLER.
E. INSTALL PROPOSED 6X30 LOOP DETECTOR AS SHOWN.
F. REMOVE EXISTING OVERHEAD SIGN.
G. INSTALL PROPOSED HANDHOLE AS SHOWN.
H. INSTALL PROPOSED 2 INCH SCHEDULE 80 CONDUIT TRENCHED. CONNECTING TO EXISTING SIGNAL POLE ELBOW.
I. INSTALL PROPOSED 6' X 30' LOOP DETECTOR AS SHOWN.
J. REMOVE EXISTING HANDHOLE.
K. CAP AND ABANDON EXISTING CONDUIT.
L. INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC ELECTRICAL. CONDUIT (DETECTOR WIRE SLEEVE).
M. INSTALL OVERHEAD SIGN.
N. INSTALL 24 INCH HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC STOP LINE.
O. EXISTING LOOP TO BE ABANDONED.

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR RECEIVES INFORMATION 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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE END.
3. CONTRACTOR SHALL PULL BACK EXISTING 2-CONDUCTOR CABLE FROM THE HAND BOX TO BE REMOVED TO THE CABINET AND INSTALL NEW CABLE FOR THE PROPOSED LOOP DETECTORS.
4. CONTRACTOR TO CONFIRM LOCATION OF EXISTING HANDBOX NEAR THE EXISTING CONTROLLER CABINET PRIOR TO CONSTRUCTION
5. PAVEMENT MARKING AND GROUND MOUNT SIGNS SHALL BE INSTALLED BY OTHERS.

REVISIONS					APPROVALS
B 3-7-96 GEOMETRIC IMPROVEMENT RE EXCLUSIVE RIGHT TURN LANE.					ORIGINAL ON FILE
TCC					TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
C 5-14-02 INSTALLATION OF LEADING WB EXCLUSIVE/PERMISSIVE LT PHASING SHA NO.: D0936M02					
RRZ					ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
B ASBUILT SHA NO: M05715176				2-4-99	
RRZ					CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A RE-CUT LOOPS DUE TO RESURFACING PROJECT SHA NO: M05715176				7-96	
TMZ					DIRECTOR, TRAFFIC & SAFETY

Gannett Fleming
4701 Mt. Hope Drive
Seton Business Park
Baltimore, Maryland 21215
410-585-1460

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section — Date

APPROVED

Chief, Division of Capital Development — Date

Designed by: TCC Drawn by: GW Checked by: BDP

TRAFFIC SIGNAL PLAN

SOUTH GLEN ROAD

STA. 100+00.00 TO STA. 103+29.42

SCALE :

Project No. : 507017 8 of 10