PROPOSED TRAFFIC SIGNS

Sign	Location	Type
Germantown RD 20000	33	D3-2 DUAL FACED
Goldenrod ⇨ LN XXXXX	28	D3-2 DUAL FACED
⇦ Goldenrod LN XXXXX	28A	D3-2 DUAL FACED
Germantown RD 20100	30	D3-2 DUAL FACED
Seneca Meadows ⇨ PKWY XXXXX	24	D3-2 DUAL FACED
⇦ Seneca Meadows PKWY XXXXX	24A	D3-2 DUAL FACED
LEFT TURN YIELD ON GREEN	23, 27	R10-12 36" x 42"
ONLY	29, 31	R3-5L 30"x 36"
ONLY	32	R3-5R 30"x 36"
	21, 22, 25, 26	W3-3 48"x 48"

VIDEO DETECTION CAMERA A-D

PROPOSED SIGNALS

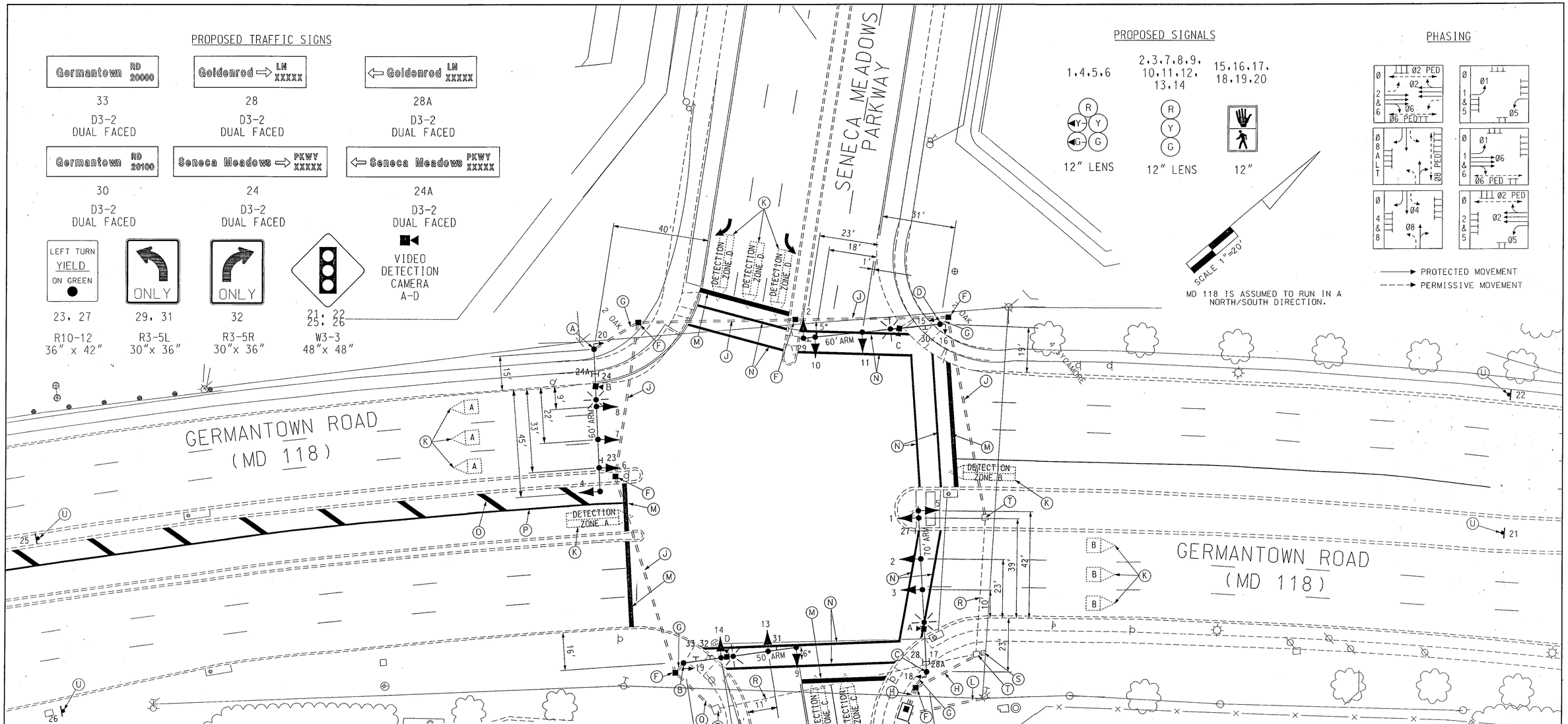
1,4,5,6	2,3,7,8,9, 10,11,12, 13,14	15,16,17, 18,19,20
R Y G	R Y G	
12" LENS	12" LENS	12"

PHASING

PROTECTED MOVEMENT
PERMISSIVE MOVEMENT

SCALE 1"=20'

MD 118 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.



CONSTRUCTION DETAILS

A. Install 27' steel pole with a 60' mast arm, traffic signal heads, signs, 20' lighting arm with a 250W-HPS luminaire and video detector camera, and pedestrian signal head as shown. (Note: 1-3" 90° polyvinyl chloride Schedule 80) bend.)

B. Install 27' steel pole with a 50' mast arm, traffic signal heads, signs, 20' lighting arm with a 250W-HPS luminaire and video detector camera, and pedestrian signal head as shown. (Note: 1-3" 90° polyvinyl chloride Schedule 80) bend.)

C. Install 27' steel pole with a 70' mast arm, traffic signal heads, signs, 20' lighting arm with a 250W-HPS luminaire and video detector camera, and pedestrian signal heads and pushbutton with pedestrian education sign as shown. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)

D. Install 27' steel pole with a 60' mast arm, traffic signal heads, signs, 20' lighting arm with a 250W-HPS luminaire and video detector camera, and pedestrian signal heads and pushbutton with pedestrian education sign as shown. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)

E. Install NEMA size "6" base-mounted cabinet and controller with control and distribution for underground power feed and all necessary equipment as shown. (Note: 2-4", 1-3" 90° polyvinyl chloride (Schedule 80) bends.)

F. Install handhole.

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

H. Install 2-4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

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

K. Proposed video detection area.

L. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for electrical service. A 10' riser attached to the existing utility pole is required.

M. Install 24" solid white stop bar pavement markings.

N. Install 12" solid white cross walk pavement markings. (10'-0" spacing).

O. Install 24" solid yellow pavement markings (45° angle, 35'-0" spacing).

P. Install 12" solid yellow pavement markings.

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

R. Existing conduits.

S. Montgomery County DPWT forces will provide splice connection of interconnect cable once conduit system is in place.

T. Existing handhole.

U. Install ground mounted traffic sign #8 300' upstream of the proposed stop bar.

GENERAL NOTES:

1. All conduits are to be installed prior to the installation of the pavement markings.
2. 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.
3. All proposed pavement markings are to be installed in accordance with SHA standards.
4. All pavement markings and crosswalks shall be installed by the signal contractor.

Kimley-Horn and Associates, Inc.

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NOTE: BASE MAPPING PROVIDED BY RODGERS CONSULTING

REVISIONS	APPROVALS
	6-11-03 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	for Dimitrios Ratsios ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	6.17.03 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	6.17.03 DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION MD 118 (GERMANTOWN ROAD) AND GOLDENROD LANE/SENECA MEADOWS PKWY

DRAWN BY: REA	F.A.P. NO. N/A	TS NO. TS 4247	SHEET NO. 1 OF 2
CHECKED BY: CDR	S.H.A. NO. BW966M82		
SCALE: 1"=20'	COUNTY: MONTGOMERY	T.I.M.S. NO. F 580	
DATE: JUNE 2003	LOG MILE: 150ii806.55		