MD 253 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

13a,15a — WASHINGTON RD. / MILLHAVEN DR.
D 3-2 DUAL FACED SIGN (VARIABLE X 32")

13b,15b — MILLHAVEN DR. / WASHINGTON RD.
D 3-2 DUAL FACED SIGN (VARIABLE X 32")

14 — LEFT TURN YIELD ON GREEN
R10 - 12 (36" x 42")

29 — STOP HERE ON RED
R10 - 6 (24" x 36")

17,22 — SPEED LIMIT 30
R2 - 1 (24" x 36")

26,27 — RIGHT LANE MUST TURN RIGHT
R3 - 7(R) (30" x 30")

28,30 — SPEED LIMIT 25
R2 - 1 (24" x 36")

18,23
S1 - 1 (36" x 36")
M6 - 2R (21" x 15")

19,24
S1 - 1(FYG) (36" x 36")
M6 - 2L (21" x 15")

16,21 — SCHOOL
S1 - 1(FYG) (36" x 36")
S4 - 3 (21" x 15")

20,25 — END SCHOOL ZONE
S5 - 2 (24" x 30")

EXISTING SIGNAL HEADS

1,2,5,8,10 — R Y G — 12"

3 — R Y G — 12"

4 — R Y G — 12"

6,7,9 — R Y G — 12"

11,12 — 12"

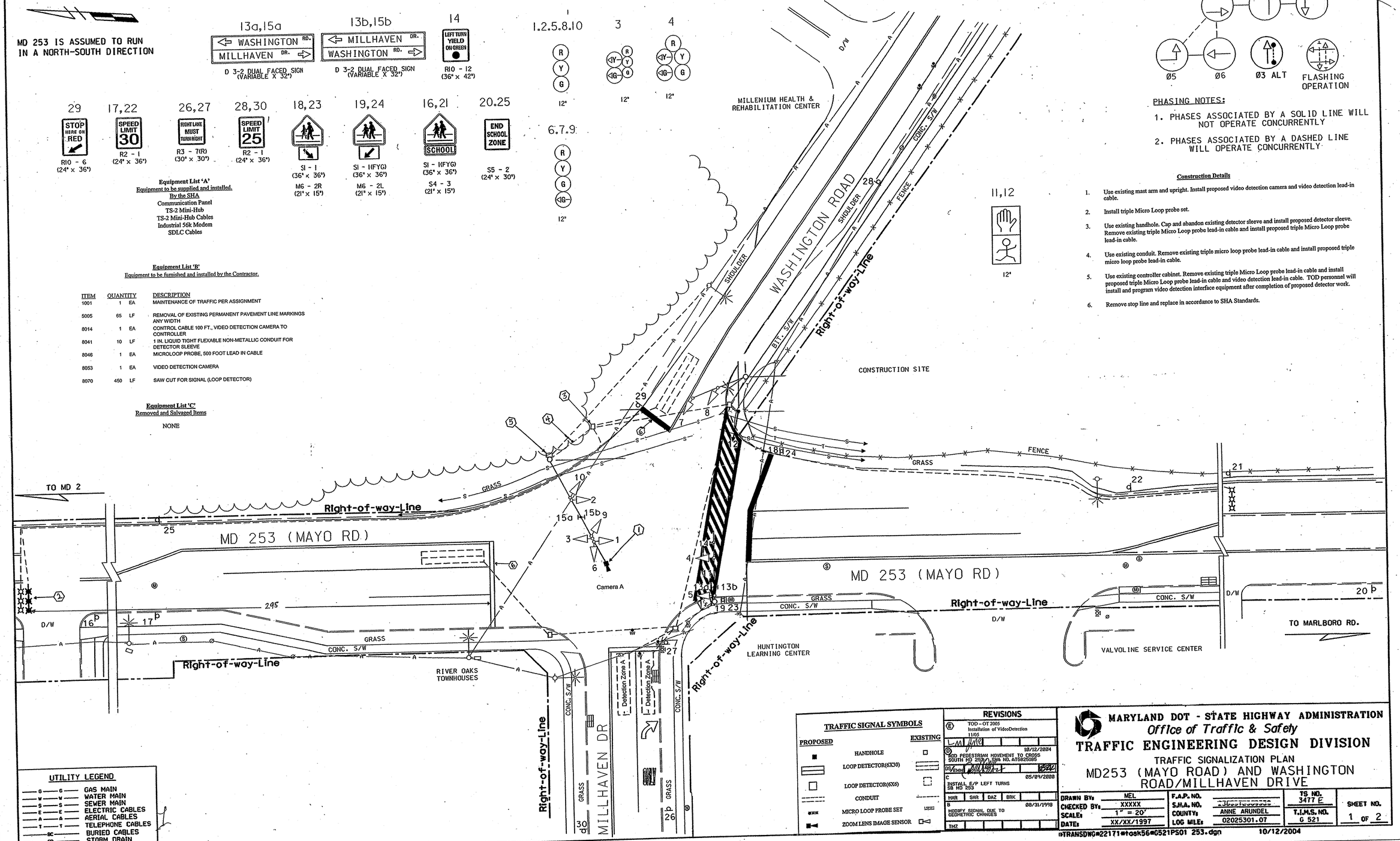
Equipment List 'A'
Equipment to be supplied and installed.
By the SHA
Communication Panel
TS-2 Mini-Hub
TS-2 Mini-Hub Cables
Industrial 56k Modem
SDLC Cables

Equipment List 'B'
Equipment to be furnished and installed by the Contractor.

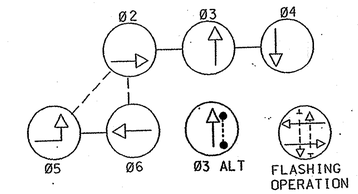
ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5005	65	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8014	1	EA	CONTROL CABLE 100 FT., VIDEO DETECTION CAMERA TO CONTROLLER
8041	10	LF	1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8046	1	EA	MICROLOOP PROBE, 500 FOOT LEAD IN CABLE
8053	1	EA	VIDEO DETECTION CAMERA
8070	450	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

Equipment List 'C'
Removed and Salvaged Items

NONE



NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

Construction Details

1. Use existing mast arm and upright. Install proposed video detection camera and video detection lead-in cable.
2. Install triple Micro Loop probe set.
3. Use existing handhole. Cap and abandon existing detector sleeve and install proposed detector sleeve. Remove existing triple Micro Loop probe lead-in cable and install proposed triple Micro Loop probe lead-in cable.
4. Use existing conduit. Remove existing triple micro loop probe lead-in cable and install proposed triple micro loop probe lead-in cable.
5. Use existing controller cabinet. Remove existing triple Micro Loop probe lead-in cable and install proposed triple Micro Loop probe lead-in cable and video detection lead-in cable. TOD personnel will install and program video detection interface equipment after completion of proposed detector work.
6. Remove stop line and replace in accordance to SHA Standards.

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
BC	BURIED CABLES
SD	STORM DRAIN

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
	HANDHOLE	
	LOOP DETECTOR(6X30)	
	LOOP DETECTOR(6X6)	
	CONDUIT	
	MICRO LOOP PROBE SET	
	ZOOM LENS IMAGE SENSOR	

REVISIONS

E	TOD-OT 2005 Installation of VideoDetection 11/05	
D	ADD PEDESTRIAN MOVEMENT TO CROSS SOUTH MD 253/ MILLENIUM DR. SHA NO. AT5825165	10/12/2004
C	INSTALL E/P LEFT TURNS SB MD 253	05/09/2002
B	MODIFY SIGNAL DUE TO GEOMETRIC CHANGES	08/31/1998

MAR SAR DAZ BRK TMZ

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD253 (MAYO ROAD) AND WASHINGTON ROAD/MILLHAVEN DRIVE

DRAWN BY:	MEL	F.A.P. NO.		TS NO. 3477 E	SHEET NO. 1 OF 2
CHECKED BY:	XXXXX	S.H.A. NO.		T.I.M.S. NO. G 521	
SCALE:	1" = 20'	COUNTY:	ANNE ARUNDEL		
DATE:	XX/XX/1997	LOG MILE:	02025301.07		

mTRANSDWG=22171=tgsk56=0521PS01 253.dgn 10/12/2004