FHWA REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

MD 253 is considered to run in a North/South direction.

EXISTING SIGNALS & SIGNS

1,2,5,7,8,10,11 — 4 — 12-19 — 20 — 21 — 22

20: ← Stepneys La. / Londontown Rd. →; D 3-2, 32" x Var.

21: ← Londontown Rd. / Stepneys La. →; D 3-2, 32" x Var.

22: LEFT TURN YIELD ON GREEN; R 10-12, 36" x 42"

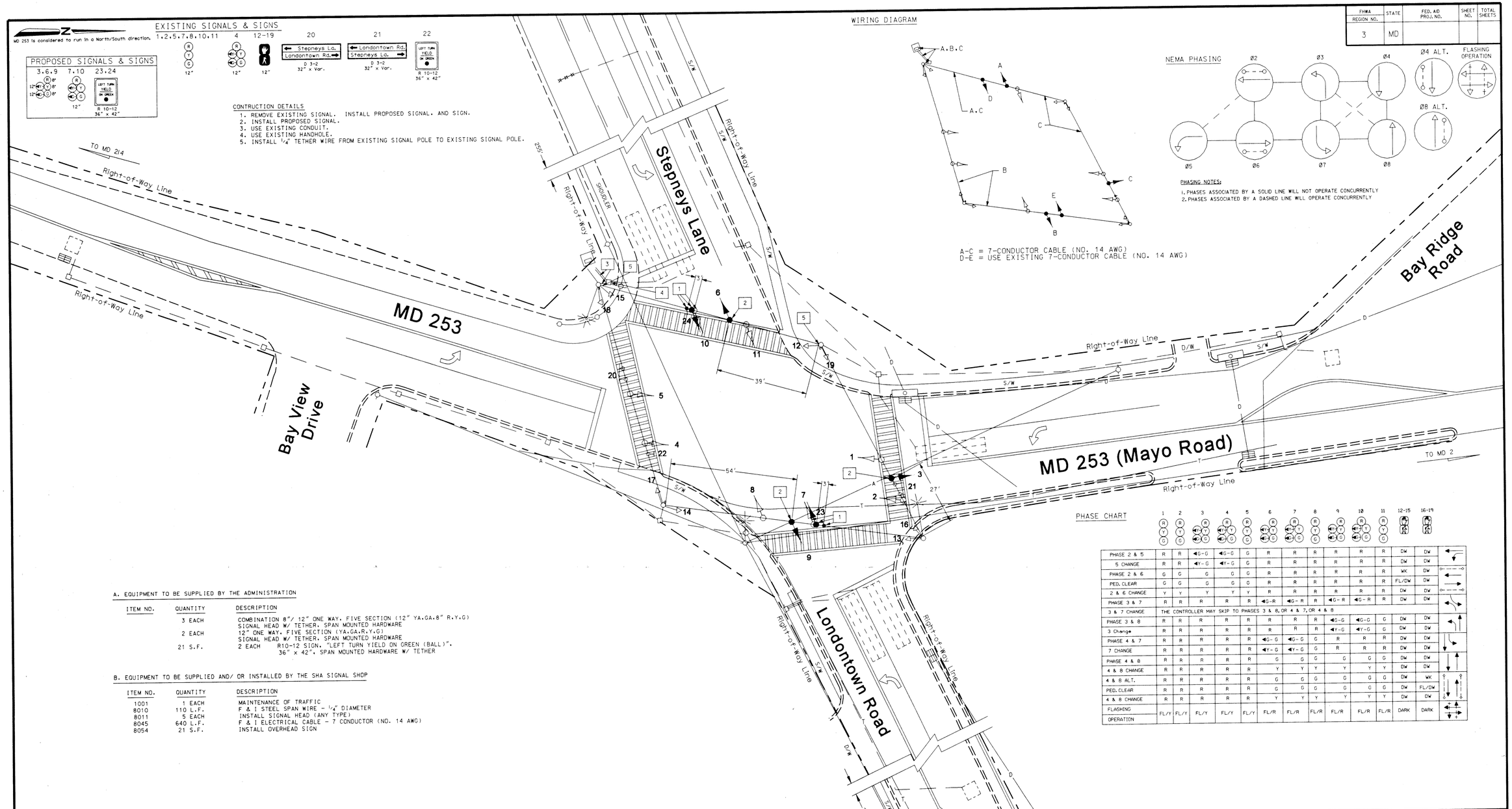
PROPOSED SIGNALS & SIGNS

3,6,9 — 7,10 — 23,24

LEFT TURN YIELD ON GREEN; R 10-12, 36" x 42"

CONTRUCTION DETAILS

1. REMOVE EXISTING SIGNAL. INSTALL PROPOSED SIGNAL. AND SIGN.
2. INSTALL PROPOSED SIGNAL.
3. USE EXISTING CONDUIT.
4. USE EXISTING HANDHOLE.
5. INSTALL 1/4" TETHER WIRE FROM EXISTING SIGNAL POLE TO EXISTING SIGNAL POLE.



WIRING DIAGRAM

A.B.C; A; D; A.C; C; B; C; E; B

A-C = 7-CONDUCTOR CABLE (NO. 14 AWG)
D-E = USE EXISTING 7-CONDUCTOR CABLE (NO. 14 AWG)

NEMA PHASING

Ø2 Ø3 Ø4 Ø5 Ø6 Ø7 Ø8

Ø4 ALT. — FLASHING OPERATION — Ø8 ALT.

PHASING NOTES:

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

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12-15	16-19
PHASE 2 & 5	R	R	◀G-G	◀G-G	G	R	R	R	R	R	R	DW	DW
5 CHANGE	R	R	◀Y-G	◀Y-G	G	R	R	R	R	R	R	DW	DW
PHASE 2 & 6	G	G	G	G	G	R	R	R	R	R	R	WK	DW
PED. CLEAR	G	G	G	G	G	R	R	R	R	R	R	FL/DW	DW
2 & 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW
PHASE 3 & 7	R	R	R	R	◀G-R	◀G-R	R	◀G-R	◀G-R	◀G-R	R	DW	DW
3 & 7 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 3 & 8, OR 4 & 7, OR 4 & 8												
PHASE 3 & 8	R	R	R	R	R	R	R	R	◀G-G	◀G-G	G	DW	DW
3 Change	R	R	R	R	R	R	R	R	◀Y-G	◀Y-G	G	DW	DW
PHASE 4 & 7	R	R	R	R	R	◀G-G	◀G-G	G	R	R	R	DW	DW
7 CHANGE	R	R	R	R	R	◀Y-G	◀Y-G	G	R	R	R	DW	DW
PHASE 4 & 8	R	R	R	R	R	G	G	G	G	G	G	DW	DW
4 & 8 CHANGE	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW
4 & 8 ALT.	R	R	R	R	R	G	G	G	G	G	G	DW	WK
PED. CLEAR	R	R	R	R	R	G	G	G	G	G	G	DW	FL/DW
4 & 8 CHANGE	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
	3 EACH	COMBINATION 8"/ 12" ONE WAY. FIVE SECTION (12" YA.GA.8" R.Y.G) SIGNAL HEAD W/ TETHER. SPAN MOUNTED HARDWARE
	2 EACH	12" ONE WAY. FIVE SECTION (YA.GA.R.Y.G) SIGNAL HEAD W/ TETHER. SPAN MOUNTED HARDWARE
	21 S.F.	2 EACH R10-12 SIGN. "LEFT TURN YIELD ON GREEN (BALL)". 36" x 42". SPAN MOUNTED HARDWARE W/ TETHER

B. EQUIPMENT TO BE SUPPLIED AND/ OR INSTALLED BY THE SHA SIGNAL SHOP

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8010	110 L.F.	F & I STEEL SPAN WIRE - 1/4" DIAMETER
8011	5 EACH	INSTALL SIGNAL HEAD (ANY TYPE)
8045	640 L.F.	F & I ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
8054	21 S.F.	INSTALL OVERHEAD SIGN

GEOMETRIC LEGEND

- EXISTING GEOMETRICS
- PROPOSED GEOMETRICS

UTILITY LEGEND

- GAS MAIN
- WATER MAIN
- SEWER MAIN
- ELECTRIC CABLES
- STORM DRAIN
- AERIAL CABLES
- TELEPHONE CABLES

REVISIONS

F. 07/98 - AS BUILT: ADD E/P L.T. FOR STEPNEYS LANE & LONDONTOWNE RD.

S.H.A. NO.

© As-Built — Sept 10, 1996

F.J.H. of the Traffic Group

APPROVALS

ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 253 and Londontown Road/ Stepneys Lane

EDGEWATER, MARYLAND

LOG MILE #02025300.48

DATE: June 12, 1987

DRAWN BY: J. Shaffer
DES. BY: J. Shaffer
CHK. BY:
SCALE: 1" = 20'

F.A.P. NO. N/A
S.H.A. NO. AA-550-451-576
COUNTY: ANNE ARUNDEL

PLAN SHEET NO. TS-2305 F

SHEET NO. 1 of 1