MD 32 IS CONSIDERED TO RUN IN A NORTH SOUTH DIRECTION.

EXISTING SIGNALS

1-12

R Y G

12"

HEADS 1,2,4,5 TO BE REMOVED

EXISTING SIGNS

23.27.33 — ONLY

14.19.24.30 — YIELD

13 — EAST MARYLAND 99

18 — NORTH MARYLAND 32 SNOW EMERGENCY ROUTE

20 — EAST MARYLAND 99

28 — EAST MARYLAND 99 SNOW EMERGENCY ROUTE

25 — NORTH MARYLAND 32

17.17A.22.22A — Old Frederick RD

16"xVar. Dual Faced

16 — LANE ENDS / MERGE LEFT

29 — NORTH MARYLAND 32

31 — TO MARYLAND 70

15.21 — ONLY

TO BE REMOVED

26 — NORTH MARYLAND 32 SOUTH

32 — SOUTH MARYLAND 32 NORTH

PROPOSED SIGNALS

1.4 — R Y G — 8"/12"

2.5 — R Y G — 12"

PROPOSED SIGNS

15.21 — LEFT TURN YIELD ON GREEN

36"X42"
R10-12

NEMA PHASING

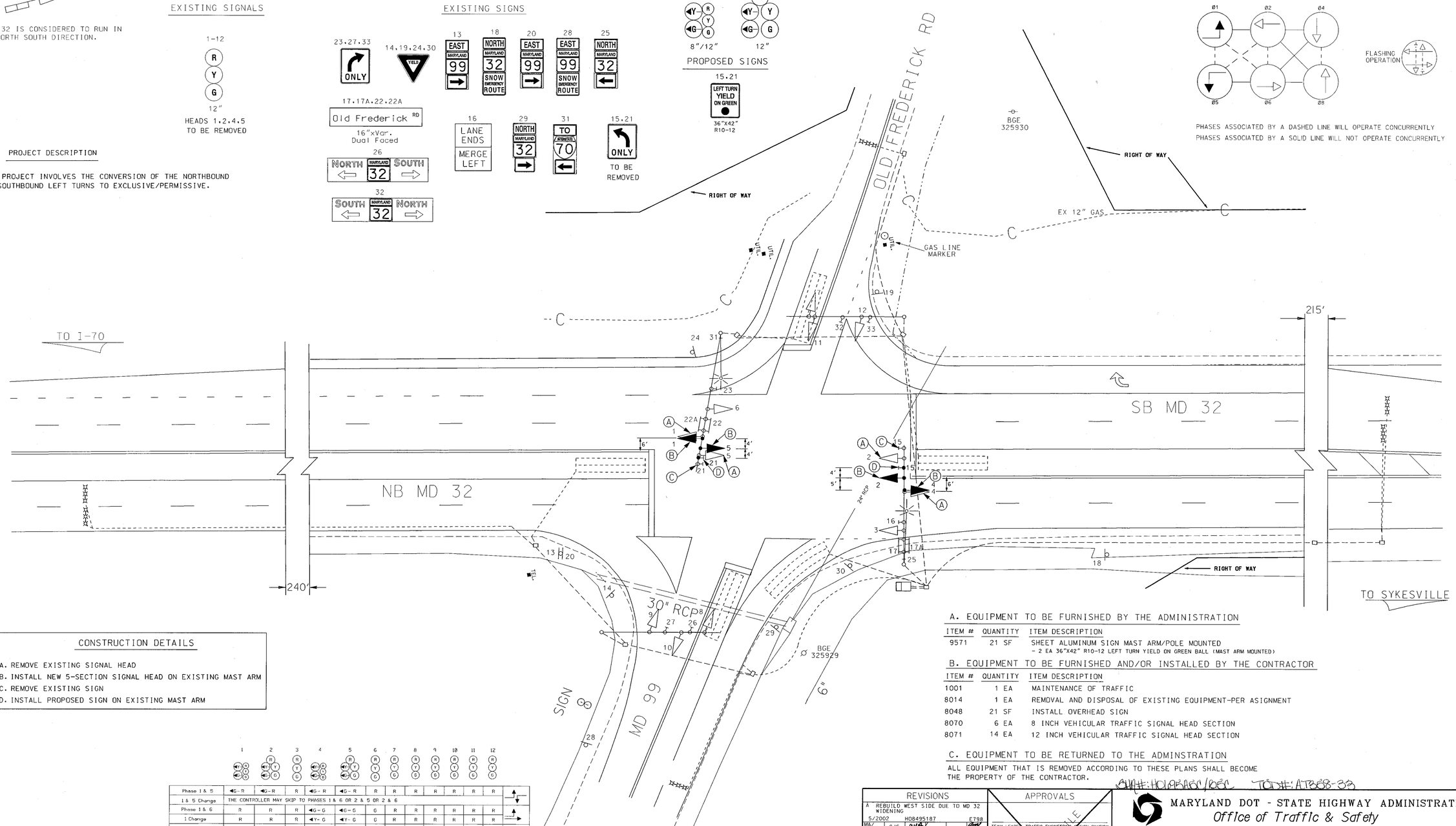
Ø1 Ø2 Ø4 Ø5 Ø6 Ø8

FLASHING OPERATION

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE CONVERSION OF THE NORTHBOUND AND SOUTHBOUND LEFT TURNS TO EXCLUSIVE/PERMISSIVE.



CONSTRUCTION DETAILS

A. REMOVE EXISTING SIGNAL HEAD
B. INSTALL NEW 5-SECTION SIGNAL HEAD ON EXISTING MAST ARM
C. REMOVE EXISTING SIGN
D. INSTALL PROPOSED SIGN ON EXISTING MAST ARM

	1	2	3	4	5	6	7	8	9	10	11	12
Phase 1 & 5	G-R	G-R	R	G-R	G-R	R	R	R	R	R	R	R
1 & 5 Change	THE CONTROLLER MAY SKIP TO PHASES 1 & 6 OR 2 & 5 OR 2 & 6											
Phase 1 & 6	R	R	R	G-G	G-G	G	R	R	R	R	R	R
1 Change	R	R	R	Y-G	Y-G	G	R	R	R	R	R	R
Phase 2 & 5	G-G	G-G	G	R	R	R	R	R	R	R	R	R
5 Change	Y-G	Y-G	G	R	R	R	R	R	R	R	R	R
Phase 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R
2 & 6 Change	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R
Phase 4 & 8	R	R	R	R	R	R	G	G	G	G	G	G
4 & 8 Change	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

A. EQUIPMENT TO BE FURNISHED BY THE ADMINISTRATION

ITEM #	QUANTITY	ITEM DESCRIPTION
9571	21 SF	SHEET ALUMINUM SIGN MAST ARM/POLE MOUNTED - 2 EA 36"X42" R10-12 LEFT TURN YIELD ON GREEN BALL (MAST ARM MOUNTED)

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8014	1 EA	REMOVAL AND DISPOSAL OF EXISTING EQUIPMENT-PER ASIGNMENT
8048	21 SF	INSTALL OVERHEAD SIGN
8070	6 EA	8 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8071	14 EA	12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION

C. EQUIPMENT TO BE RETURNED TO THE ADMINSTRATION

ALL EQUIPMENT THAT IS REMOVED ACCORDING TO THESE PLANS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

SHEET: H01,H8A01/R8C TS SHEET: AT888-33

REVISIONS	APPROVALS
A REBUILD WEST SIDE DUE TO MD 32 WIDENING 5/2002 H08495187 E798 MS WBCM CJS	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
B CONVERT NB AND SB MD 32 LEFT TURNS TO EXCLUSIVE/PERMISSIVE 8/2004 AT3585185 G208 CJS	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL SIGN FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 32 AT MD 99
SOUTHBOUND LANE WIDENING

DRAWN BY: S.R. BARANOWSKI (STS)	F.A.P. NO.		TS NO. 3443-B
CHECKED BY: R. ZACHERL (STS)	S.H.A. NO.		SHEET NO.
SCALE: 1:20	COUNTY: HOWARD		T.I.M.S. NO. N/A
DATE: 6/13/1994	LOG MILE: 13003220.98		OF