MD 924 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNALS

1: 12"/8"; 2: 12"; 3,4,5: 12"

10,11: 12"

PROPOSED SIGNALS

6,8: 12" LED; 7,9: 12" LED

EXISTING SIGNALS TO BE REMOVED

6A,7A,8A,9A: 12"

EXISTING SIGNS

12: LEFT TURN YIELD ON GREEN

13a,13b,14a,14b: Ring Factory RD

15: ONLY; 17: ONLY; 16

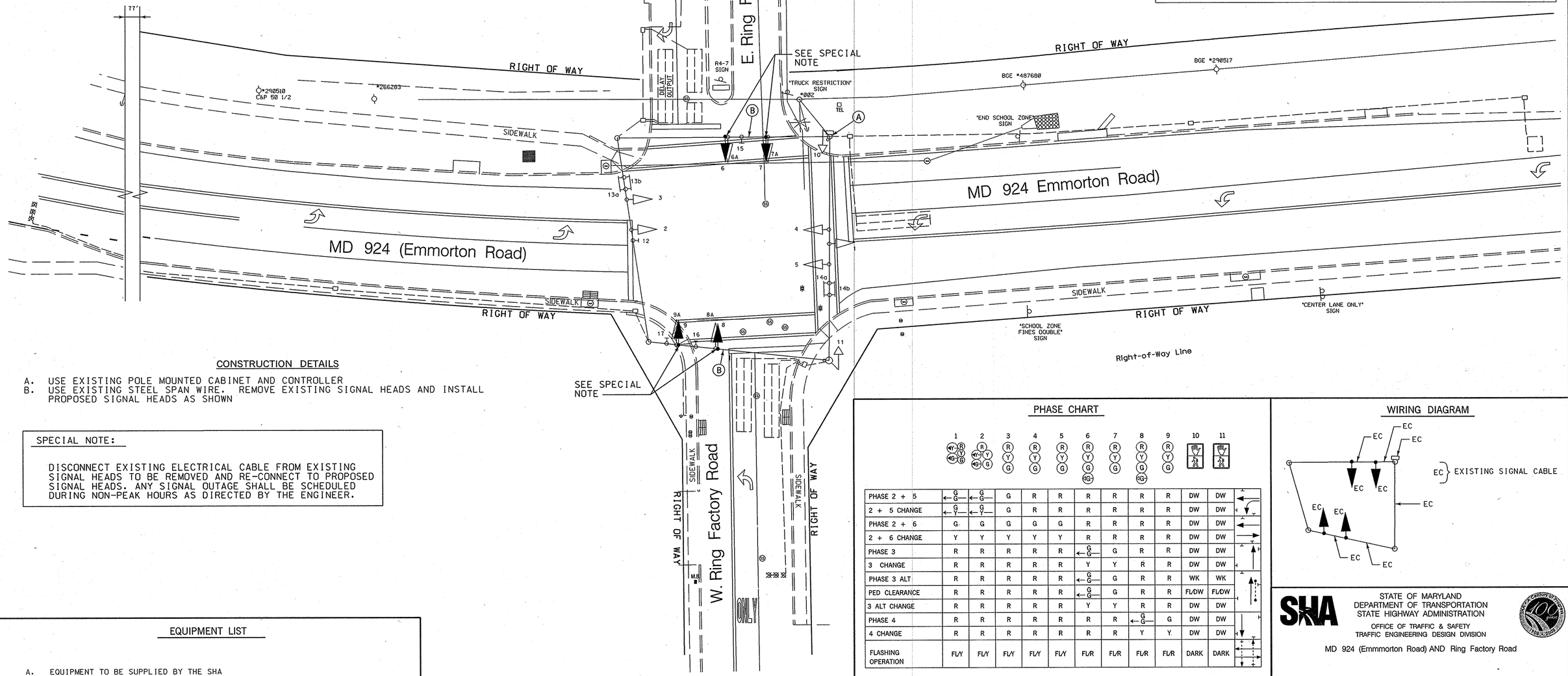
NEMA PHASING

Ø2 Ø3 Ø4 Ø5 Ø6

FLASHING OPERATION

Ø3 ALT.

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER
B. USE EXISTING STEEL SPAN WIRE. REMOVE EXISTING SIGNAL HEADS AND INSTALL PROPOSED SIGNAL HEADS AS SHOWN

SPECIAL NOTE:

DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING SIGNAL HEADS TO BE REMOVED AND RE-CONNECT TO PROPOSED SIGNAL HEADS. ANY SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11
PHASE 2 + 5	G/G	G/G	G	R	R	R	R	R	R	DW	DW
2 + 5 CHANGE	G/Y	G/Y	G	R	R	R	R	R	R	DW	DW
PHASE 2 + 6	G	G	G	G	G	R	R	R	R	DW	DW
2 + 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	DW	DW
PHASE 3	R	R	R	R	R	G/G	G	R	R	DW	DW
3 CHANGE	R	R	R	R	R	Y	Y	R	R	DW	DW
PHASE 3 ALT	R	R	R	R	R	G/G	G	R	R	WK	WK
PED CLEARANCE	R	R	R	R	R	G/G	G	R	R	FL/DW	FL/DW
3 ALT CHANGE	R	R	R	R	R	Y	Y	R	R	DW	DW
PHASE 4	R	R	R	R	R	R	R	G/G	G	DW	DW
4 CHANGE	R	R	R	R	R	R	R	Y	Y	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK	DARK

WIRING DIAGRAM

EC — EXISTING SIGNAL CABLE

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9001	14 EACH	12 INCH LED SIGNAL HEAD SECTION
9002	4 EACH	SIGNAL HARDWARE, SPAN MOUNT

B. EQUIPMENT TO BE INSTALLED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8001	4 EACH	INSTALL 12 INCH LED SIGNAL HEADS
8002	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL

BY: bdonoway

WR&A
Whitman, Requardt and Associates, LLP
Engineers, Architects and Planners
801 South Caroline Street
Baltimore, Maryland 21231
410-235-3450

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
G INSTALL SIDE STREET SPLIT PHASE SHA NO. SF-3604; TIMS NO. 1965 JUNE 26, 2008 — BRD NML
F REPLACED FAILED LOOP DETECTION SHA NO. OT2007; TIMS NO. J012 — LM JMC
E REPLACED FAILED LOOP DETECTION SHA NO. OT2003; TIMS NO. G729 — JMC LM

PLOTTED: 06-30-2008
FILE: N:\31556-156\CADD\pSG-P001_md924.dgn

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 924 (Emmmorton Road) AND Ring Factory Road

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE 7-02-82 CONTRACT NO. N/A

DESIGNED BY J. GORDAN COUNTY HARFORD
DRAWN BY J. GORDAN LOGMILE 12092404.12
CHECKED BY TIMS NO. 1965
F.A.P. NO. SEE TITLE SHEET TOD NO.

TS NO. 1868 G | DRAWING TSP-1 OF 1 | SHEET NO. OF