F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	STPG-1993(021)E	2	8

EXISTING SIGNS

11,13

W3-3 NEW
36" X 36"

12a, 12b

Garrett Ave.

D3-2
16" x Variable

EXISTING SIGNALS

1-6

PROPOSED SIGNALS

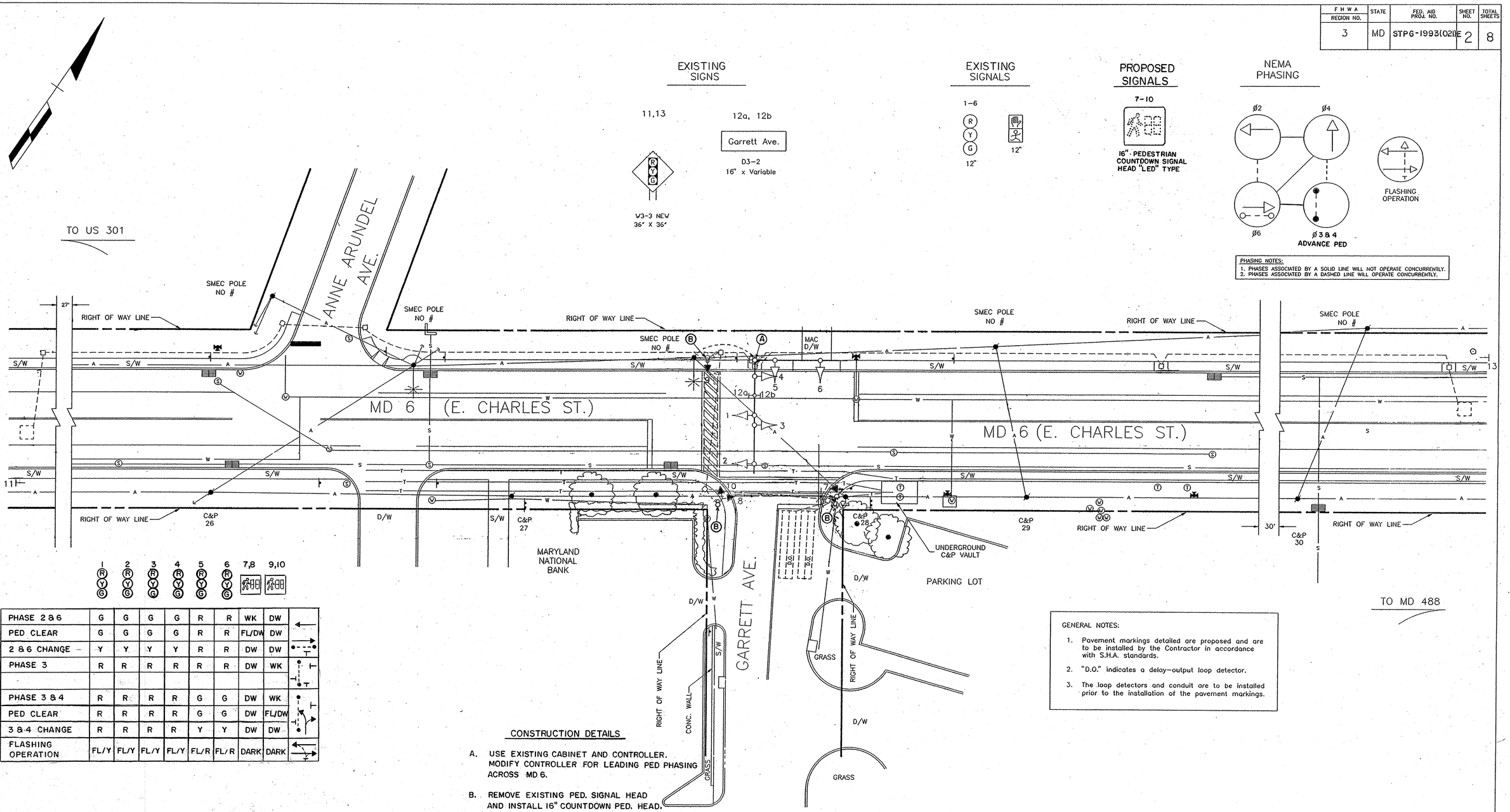
7-10

16" PEDESTRIAN COUNTDOWN SIGNAL HEAD "LED" TYPE

NEMA PHASING

FLASHING OPERATION

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



	1	2	3	4	5	6	7,8	9,10
PHASE 2 & 6	G	G	G	G	R	R	WK	DW
PED CLEAR	G	G	G	G	R	R	FL/DW	DW
2 & 6 CHANGE	Y	Y	Y	Y	R	R	DW	DW
PHASE 3	R	R	R	R	R	R	DW	WK
PHASE 3 & 4	R	R	R	R	G	G	DW	WK
PED CLEAR	R	R	R	R	G	G	DW	FL/DW
3 & 4 CHANGE	R	R	R	R	Y	Y	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	DARK	DARK

GENERAL NOTES:

1. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards.
2. "D.O." indicates a delay-output loop detector.
3. The loop detectors and conduit are to be installed prior to the installation of the pavement markings.

CONSTRUCTION DETAILS

A. USE EXISTING CABINET AND CONTROLLER. MODIFY CONTROLLER FOR LEADING PED PHASING ACROSS MD 6.

B. REMOVE EXISTING PED. SIGNAL HEAD AND INSTALL 16" COUNTDOWN PED. HEAD.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

STREET TRAFFIC STUDIES, LTD.
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2213

REVISIONS

(A) CHANGE PED PHASING ACROSS MD 6 TO LEADING. CHANGE TO COUNT DOWN HEADS

APPROVALS

CHIEF, SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC AND SAFTY

MDOT – STATE HIGHWAY ADMINISTRATION

Office of Traffic and Safety

TRAFFIC ENGINEERING DESIGN DIVISION

SIGNAL NUMBER: LOG MILE: 08000626.00

DRAWN BY: S.R. BARANOWSKI (FOR STS)
DES. BY: R.R. ZACHERL (FOR STS)
CHK. BY: 5-29-92

MD 6 (E. CHARLES ST.) AND GARRETT AVE
COUNTY CHARLES

DATE: 4-29-92
SCALE: 1"=20'

F.A.P. NO. STPG-1993(021)E
S.H.A. NO. CH-586-501-585

TS/STD. NO. 3242 A

SHEET NO. ___ OF ___