F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

Equipment List 'A'
Equipment to be supplied and installed by 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
5003	35	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5004	35	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8018	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8029	30	LF	1 IN. ELECTRICAL CONDUIT- GALVANIZED RISER
8050	2	EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF

Equipment List 'C'
Removed and Salvaged Items
NONE

PROPOSED VIDEO DETECTION CAMERAS A & B

SIGNALS

1,4–6 12" 3 12" 2 12"

SIGNS

8a Gamber Rd. — D3–2 DUAL–FACED VARIABLE X 16"

8b Gamber Rd. — D3–2 DUAL–FACED VARIABLE X 16"

12 Sykesville Rd. SOUTH 32 NORTH — COMBINATION D3–2 & M1–6a

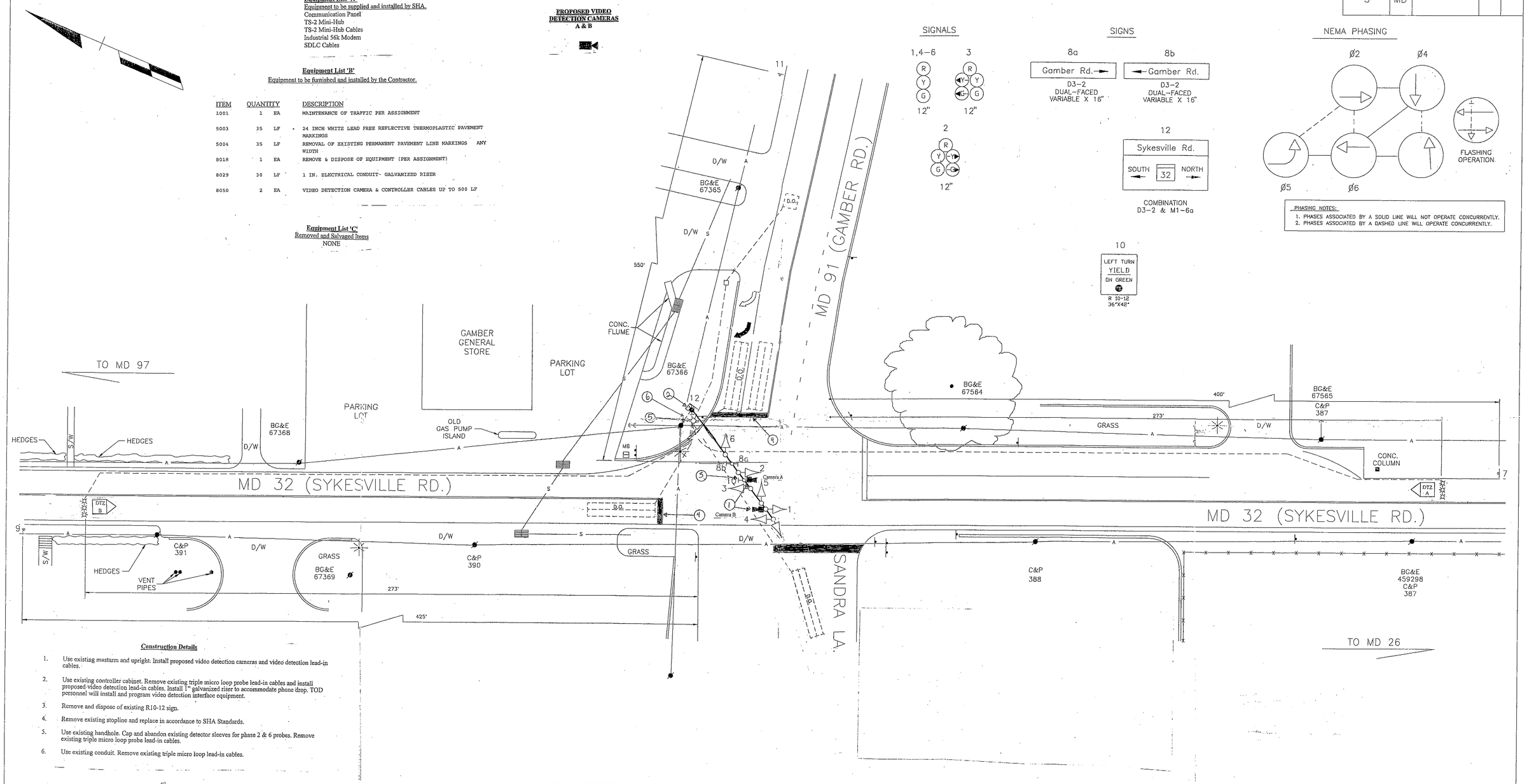
10 LEFT TURN YIELD ON GREEN — R 10–12 36"X42"

NEMA PHASING

Ø2 Ø4 Ø5 Ø6

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.



Construction Details

1. Use existing mastarm and upright. Install proposed video detection cameras and video detection lead-in cables.
2. Use existing controller cabinet. Remove existing triple micro loop probe lead-in cables and install proposed-video detection lead-in cables. Install 1" galvanized riser to accommodate phone drop. TOD personnel will install and program video detection interface equipment.
3. Remove and dispose of existing R10-12 sign.
4. Remove existing stopline and replace in accordance to SHA Standards.
5. Use existing handhole. Cap and abandon existing detector sleeves for phase 2 & 6 probes. Remove existing triple micro loop probe lead-in cables.
6. Use existing conduit. Remove existing triple micro loop probe lead-in cables.

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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REVISIONS

A — Installation of Video Detection — OT 2007 / 12/2008 — J-598

APPROVALS

CHIEF, DESIGN SECTION — 11/25/92

ASST. DISTRICT ENGINEER, TRAFFIC — 11/25/92

CHIEF, TRAFFIC ENGINEERING DIVISION — 11/25/92

DIRECTOR, OFFICE OF TRAFFIC AND SAFETY — 11/25/92

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic and Safety
TRAFFIC ENGINEERING DESIGN DIVISION

SIGNAL NUMBER: LOG MILE: 06032008.37

DRAWN BY: S.R. BARANOWSKI (FOR STS LTD.)
DES. BY: R.R. ZACHERL (FOR STS LTD.)
CHK. BY: 11/25/92

MD 32 AND MD 91
COUNTY CARROLL

DATE: 11-19-92
SCALE: 1"=20'
F.A.P. NO.
S.H.A. NO.

TS/STD. NO. 1861A

SHEET NO. 1 OF 1