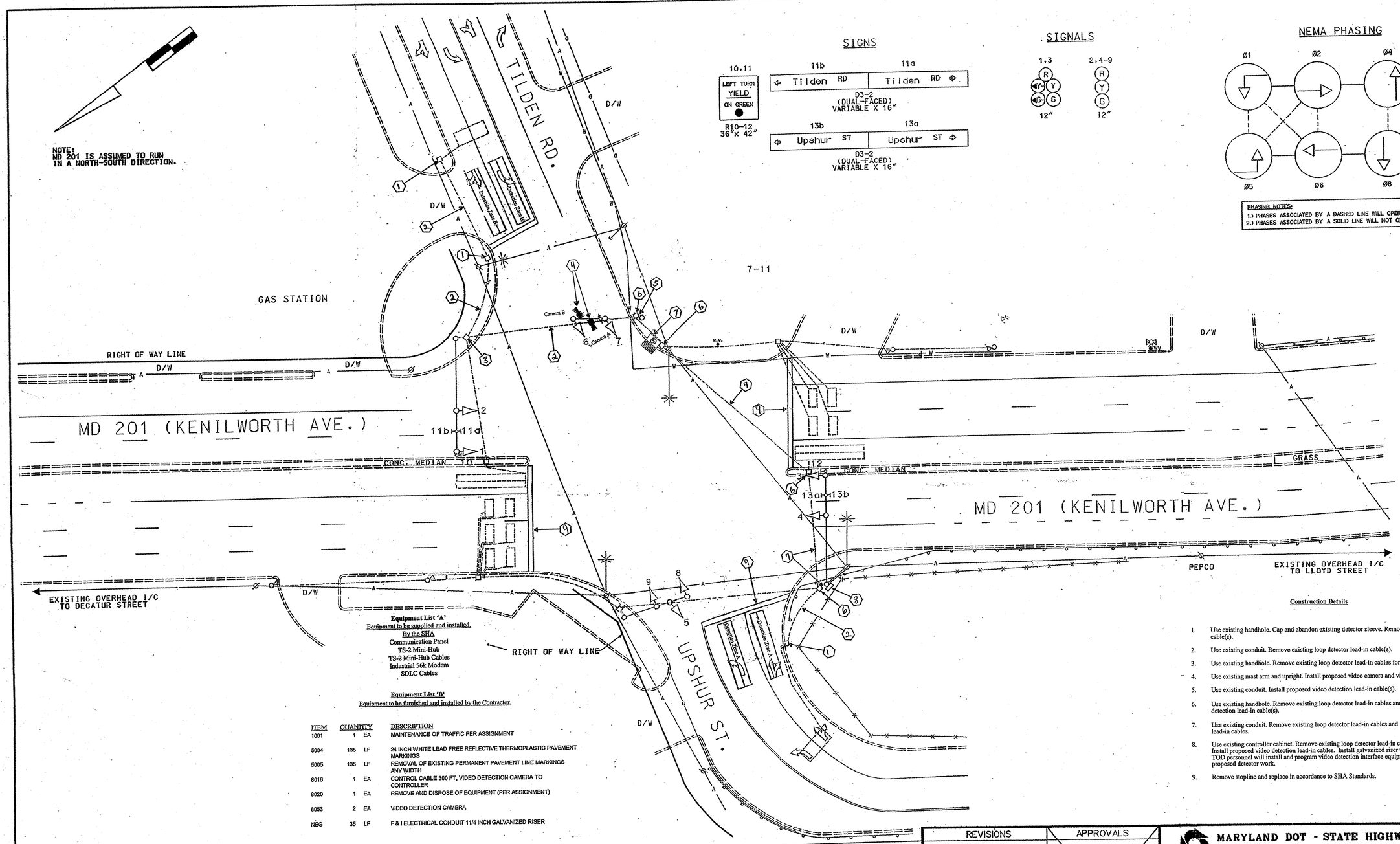
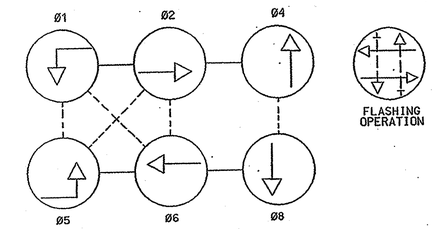
NOTE:
MD 201 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION.



SIGNS

SIGNALS

NEMA PHASING



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

Equipment List 'A'
Equipment to be supplied and installed.
By the 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	QUANITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5004	135	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5005	135	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8016	1	EA	CONTROL CABLE 300 FT, VIDEO DETECTION CAMERA TO CONTROLLER
8020	1	EA	REMOVE AND DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8053	2	EA	VIDEO DETECTION CAMERA
NEG	35	LF	F & I ELECTRICAL CONDUIT 11/4 INCH GALVANIZED RISER

Equipment List 'C'
Removed and Salvaged Items

NONE

Construction Details

1. Use existing handhole. Cap and abandon existing detector sleeve. Remove existing loop detector lead-in cable(s).
2. Use existing conduit. Remove existing loop detector lead-in cable(s).
3. Use existing handhole. Remove existing loop detector lead-in cables for side road detection.
4. Use existing mast arm and upright. Install proposed video camera and video detection lead-in cable(s).
5. Use existing conduit. Install proposed video detection lead-in cable(s).
6. Use existing handhole. Remove existing loop detector lead-in cables and install proposed video detection lead-in cable(s).
7. Use existing conduit. Remove existing loop detector lead-in cables and install proposed video detection lead-in cables.
8. Use existing controller cabinet. Remove existing loop detector lead-in cables for side road detectors. Install proposed video detection lead-in cables. Install galvanized riser to accommodate phone drop. TOD personnel will install and program video detection interface equipment upon completion of proposed detector work.
9. Remove stopline and replace in accordance to SHA Standards.

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
■	HANDHOLE	□
▬	LOOP DETECTOR(6X30)	▭
□	LOOP DETECTOR(6X6)	□
═══	CONDUIT	═══
MLP	MICRO LOOP PROBE SET	MLP
ZLS	ZOOM LENS IMAGE SENSOR	ZLS

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A	A'
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

REVISIONS

E	Installation of Video Detection 02/06 07/2005	H-638
D	6-12-00 ASBUILT FOR RED LIGHT CAMERA INSTALLATION	
RRZ		
C	ASBUILT 2/93 REPLACE DAMAGED LOOP DETECTORS AND INSTALL TELEMETRY SYSTEM. P-125-501-385 CMG-519(6)E	
T		

APPROVALS

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 201 (KENILWORTH AVE.) AND
UPSHUR STREET / TILDEN ROAD

DRAWN BY: B.T. J.S.	F.A.P. NO. MG-5019(1)	TS NO. 678 E	SHEET NO.
CHECKED BY:	S.H.A. NO. P-386-001-385		
SCALE: 1"= 20'	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO. H-638	1 OF 1
DATE: 1-6-93	LOG MILE: 16020102.44		

JUN 15 2009