MD 189 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNALS & SIGNS

1,2,4,5,10,11 | 3,6,8,9,12 | 13-18 | 19,21 | 20a,22b | 20b,22a | 26,31 | 27,32

20a,22b: ← Falls Chapel Way / Tuckerman Lane →

20b,22a: ← Tuckerman Lane / Falls Chapel Way →

PROPOSED SIGNALS & SIGNS

7,8 | 15 | 25,30 | 23 | 24 | 28 | 29

23: SOUTH MARYLAND 189

24: NORTH MARYLAND 189

28: NORTH MARYLAND 189

29: SOUTH MARYLAND 189

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY THE SHA

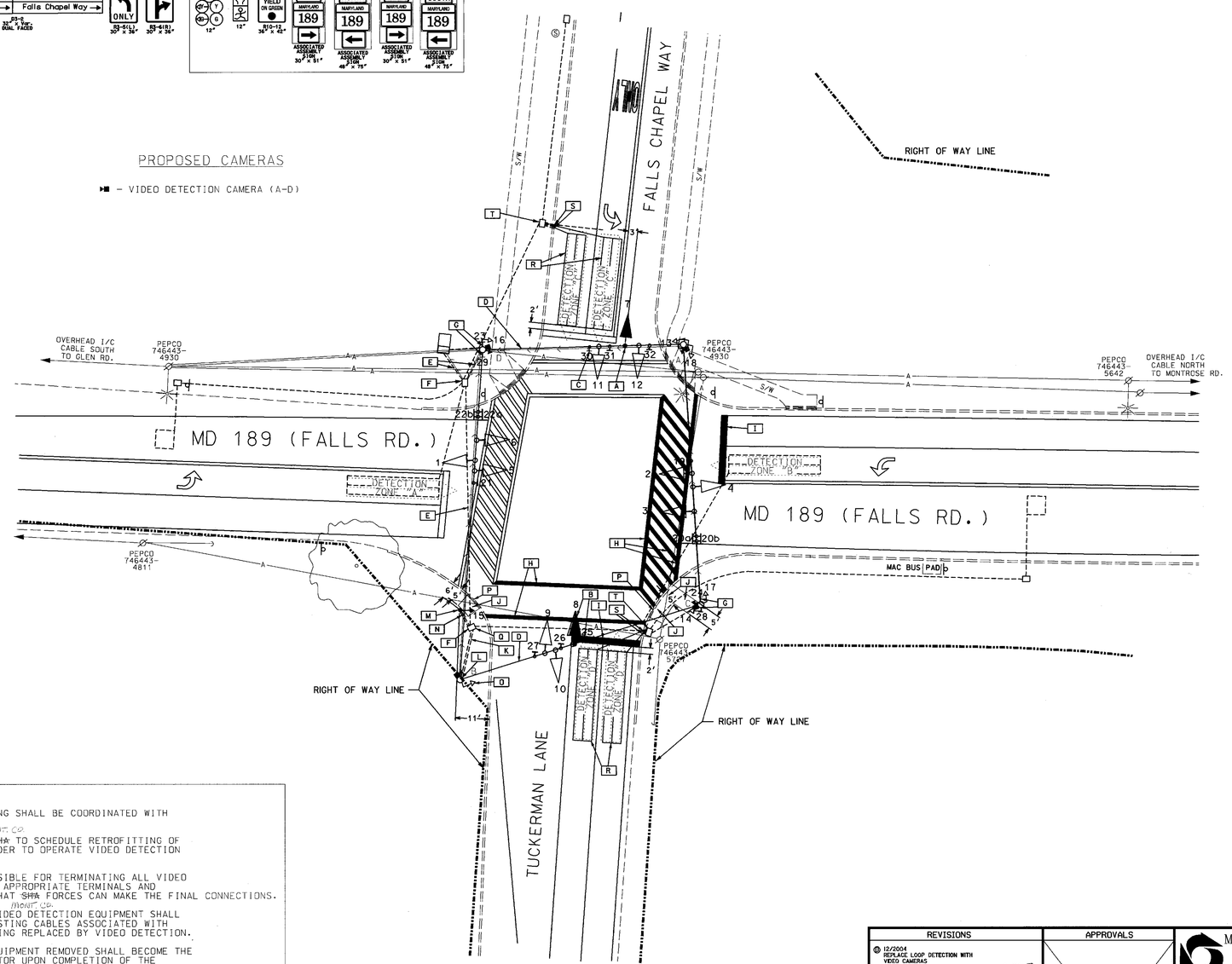
ITEM NO.	DESCRIPTION	QUANTITY
9086	VIDEO DETECTION INTERFACE EQUIPMENT (To be installed by signal shop)	1 EA

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

ITEM NO.	DESCRIPTION	QUANTITY
8020	VIDEO DETECTION CAMERA.	4 EA
8021	PRE MANUFACTURED CAMERA TO CONTROLLER (250' LENGTH) CABLE	4 EA

PROPOSED CAMERAS

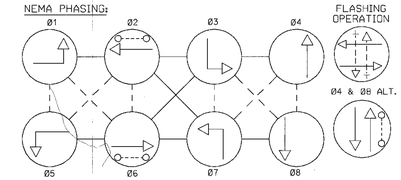
▶■ – VIDEO DETECTION CAMERA (A-D)



VIDEO CAMERA LEGEND

→→ = VIDEO CABLE (PATH TO CONTROLLER)

NEMA PHASING:



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

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT ~~SHA~~ MONT. CO. TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT ~~SHA~~ MONT. CO. FORCES CAN MAKE THE FINAL CONNECTIONS.
4. THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
6. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-5637

4687AG585.dgn

REVISIONS	APPROVALS
ⓓ 12/2004 REPLACE LOOP DETECTION WITH VIDEO CAMERAS SHA NO.M0717S185	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
JA / C. 01/2003 INSTALL EXCLUSIVE/ PERMISSIVE LEFT TURN PHASE ALONG EASTBOUND FALLS CHAPEL ROAD SHA NO. AT2885185	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
W.M. M.A.R. D.A.Z. B.R.K.	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
Ⓑ. 01/22/1999 – AS BUILT SHA NO. M05715176	ORIGINAL PLAN ON FILE
A. 10/1996 – REPLACED CONDUIT LOOPS SHA NO. M5715176	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT – STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 189 (Falls Road) and Falls Chapel Way/ Tuckerman Lane
WINTERSET, MARYLAND

DRAWN BY:	F.A.P. NO.	T.S. NO. TS-1569D	SHEET NO.
CHECKED BY:	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY MONTGOMERY	T.I.M.S. NO. ~~G584~~ G585	
DATE: 03-29-1978	LOG MILE 15018904.68		1 OF 1

AHC

SHA#: M0717A57/B07 TOD#: M0717-06