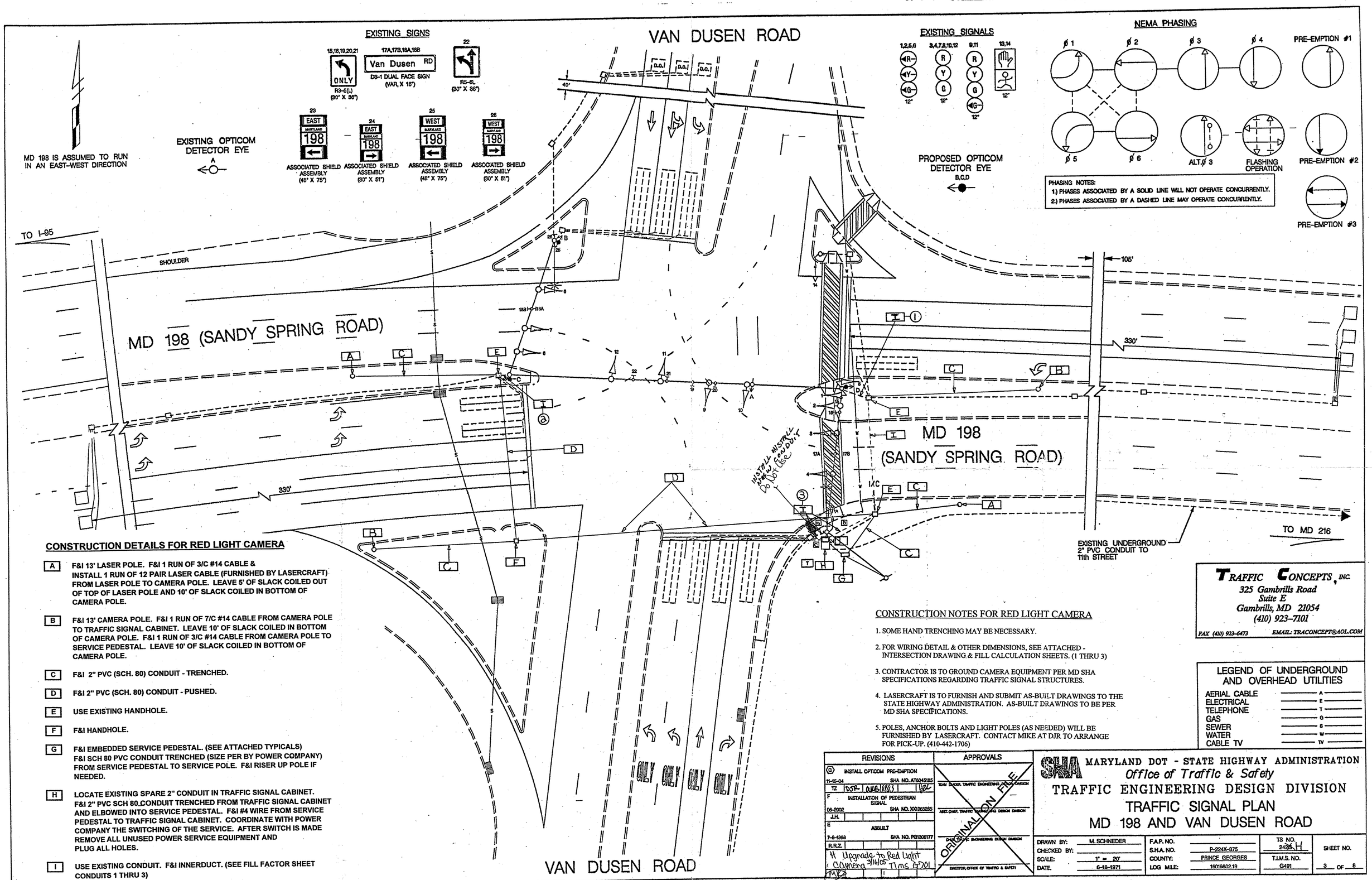

CONSTRUCTION DETAILS FOR RED LIGHT CAMERA

A F&I 13' LASER POLE. F&I 1 RUN OF 3/C #14 CABLE & INSTALL 1 RUN OF 12 PAIR LASER CABLE (FURNISHED BY LASERCRAFT) FROM LASER POLE TO CAMERA POLE. LEAVE 5' OF SLACK COILED OUT OF TOP OF LASER POLE AND 10' OF SLACK COILED IN BOTTOM OF CAMERA POLE.

B F&I 13' CAMERA POLE. F&I 1 RUN OF 7/C #14 CABLE FROM CAMERA POLE TO TRAFFIC SIGNAL CABINET. LEAVE 10' OF SLACK COILED IN BOTTOM OF CAMERA POLE. F&I 1 RUN OF 3/C #14 CABLE FROM CAMERA POLE TO SERVICE PEDESTAL. LEAVE 10' OF SLACK COILED IN BOTTOM OF CAMERA POLE.

C F&I 2" PVC (SCH. 80) CONDUIT - TRENCHED.

D F&I 2" PVC (SCH. 80) CONDUIT - PUSHED.

E USE EXISTING HANDHOLE.

F F&I HANDHOLE.

G F&I EMBEDDED SERVICE PEDESTAL. (SEE ATTACHED TYPICALS) F&I SCH 80 PVC CONDUIT TRENCHED (SIZE PER BY POWER COMPANY) FROM SERVICE PEDESTAL TO SERVICE POLE. F&I RISER UP POLE IF NEEDED.

H LOCATE EXISTING SPARE 2" CONDUIT IN TRAFFIC SIGNAL CABINET. F&I 2" PVC SCH 80 CONDUIT TRENCHED FROM TRAFFIC SIGNAL CABINET AND ELBOWED INTO SERVICE PEDESTAL. F&I #4 WIRE FROM SERVICE PEDESTAL TO TRAFFIC SIGNAL CABINET. COORDINATE WITH POWER COMPANY THE SWITCHING OF THE SERVICE. AFTER SWITCH IS MADE REMOVE ALL UNUSED POWER SERVICE EQUIPMENT AND PLUG ALL HOLES.

I USE EXISTING CONDUIT. F&I INNERDUCT. (SEE FILL FACTOR SHEET CONDUITS 1 THRU 3)

CONSTRUCTION NOTES FOR RED LIGHT CAMERA

1. SOME HAND TRENCHING MAY BE NECESSARY.
2. FOR WIRING DETAIL & OTHER DIMENSIONS, SEE ATTACHED - INTERSECTION DRAWING & FILL CALCULATION SHEETS. (1 THRU 3)
3. CONTRACTOR IS TO GROUND CAMERA EQUIPMENT PER MD SHA SPECIFICATIONS REGARDING TRAFFIC SIGNAL STRUCTURES.
4. LASERCRAFT IS TO FURNISH AND SUBMIT AS-BUILT DRAWINGS TO THE STATE HIGHWAY ADMINISTRATION. AS-BUILT DRAWINGS TO BE PER MD SHA SPECIFICATIONS.
5. POLES, ANCHOR BOLTS AND LIGHT POLES (AS NEEDED) WILL BE FURNISHED BY LASERCRAFT. CONTACT MIKE AT DJR TO ARRANGE FOR PICK-UP. (410-442-1706)

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101
FAX (410) 923-6473 EMAIL: TRACONCEPT@AOL.COM

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

REVISIONS		
G	INSTALL OPTICOM PRE-EMPTION	
11-15-04	SHA NO. AT6045185	
TZ	DSP	AWB/MK
F	INSTALLATION OF PEDESTRIAN SIGNAL	
06-2002	SHA NO. X00165285	
J.H.		
E	ASBUILT	
7-8-1998	SHA NO. PG1306177	
R.R.Z.		
H	Upgrade to Red Light Camera 3/16/05 TJMS G7201	
MKP		

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 198 AND VAN DUSEN ROAD

DRAWN BY:	M. SCHNEDER	F.A.P. NO.		TS NO. 2426 H	SHEET NO.
CHECKED BY:		S.H.A. NO.	P-224X-375		
SCALE:	1" = 20'	COUNTY:	PRINCE GEORGES	T.I.M.S. NO.	
DATE:	6-18-1971	LOG MILE:	16019802.19	G491	3 OF 8

MARYLAND STATE HIGHWAY ADMINISTRATION
TRAFFIC ENGINEERING DESIGN DIVISION
☐ APPROVED
☒ APPROVED AS NOTED
☐ REJECTED - REVISE & RESUBMIT
REVIEWED BY MKP DATE 4-21-05
Review is for general compliance with contract documents. No responsibility is assumed for correctness of dimensions or quantities.

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