MD 177 IS ASSUMED TO RUN IN A EAST / WEST DIRECTION

EXISTING SIGNS

11 NO TURN ON RED

12 Catherine AVE.

15 Mountain RD.

13 SCHOOL SPEED LIMIT 35 WHEN FLASHING

14 ONLY

PROPOSED SIGNS

16 WEST MARYLAND 177 ← SHIELD ASSEMBLY (48"x75")

17 EAST MARYLAND 177 → SHIELD ASSEMBLY (48"x75")

EXISTING SIGNALS

1,3 R Y G

2,4, 7,9,10 R Y G

5,6 Y

8 R Y G

NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø8

FLASHING OPERATION

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING SIGNS TO BE REMOVED

LEFT TURN YIELD ON GREEN

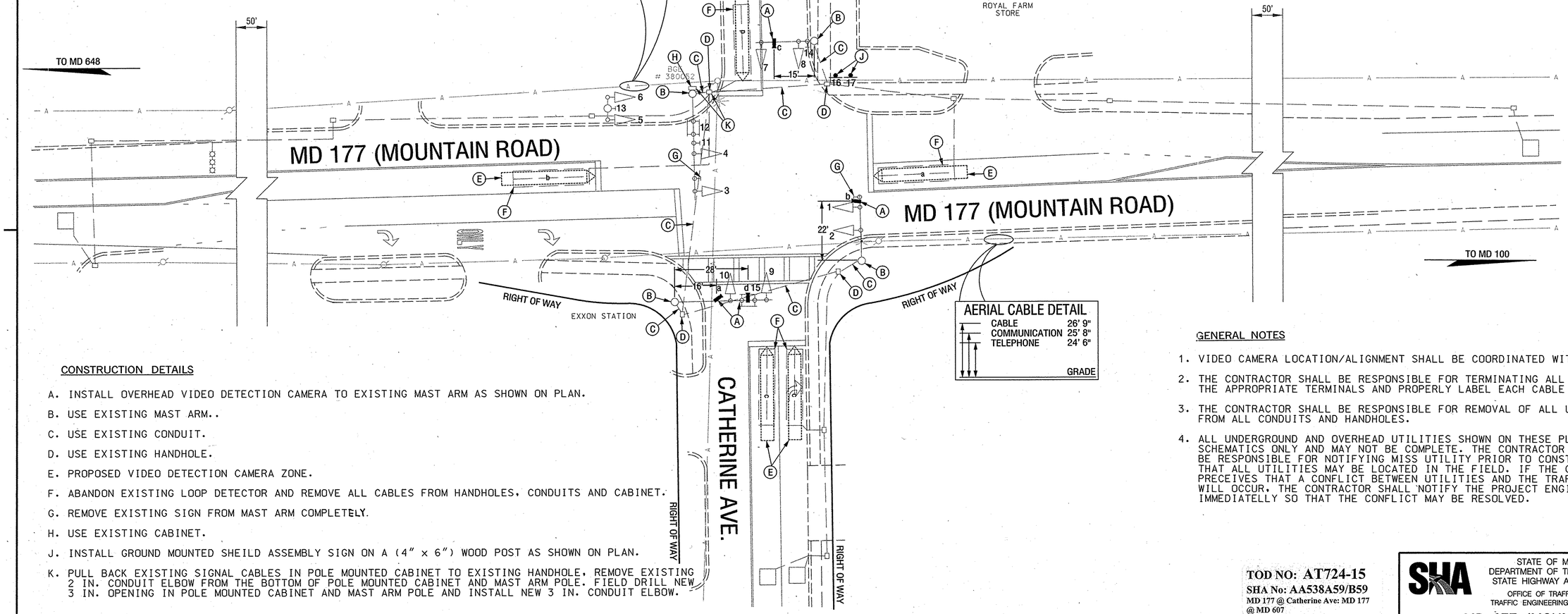
R10-12 (30"x 36")

AERIAL CABLE DETAIL

PRIMARY	38'+
SECONDARY	36' 3"
COMMUNICATION	25' 8"
TELEPHONE	22' 0"
TELEPHONE	21' 8"
	GRADE

PROPOSED VIDEO DETECTION CAMERA

a,b,c,d



AERIAL CABLE DETAIL

CABLE	26' 9"
COMMUNICATION	25' 8"
TELEPHONE	24' 6"
	GRADE

CONSTRUCTION DETAILS

A. INSTALL OVERHEAD VIDEO DETECTION CAMERA TO EXISTING MAST ARM AS SHOWN ON PLAN.

B. USE EXISTING MAST ARM..

C. USE EXISTING CONDUIT.

D. USE EXISTING HANDHOLE.

E. PROPOSED VIDEO DETECTION CAMERA ZONE.

F. ABANDON EXISTING LOOP DETECTOR AND REMOVE ALL CABLES FROM HANDHOLES, CONDUITS AND CABINET.

G. REMOVE EXISTING SIGN FROM MAST ARM COMPLETELY.

H. USE EXISTING CABINET.

J. INSTALL GROUND MOUNTED SHEILD ASSEMBLY SIGN ON A (4" x 6") WOOD POST AS SHOWN ON PLAN.

K. PULL BACK EXISTING SIGNAL CABLES IN POLE MOUNTED CABINET TO EXISTING HANDHOLE. REMOVE EXISTING 2 IN. CONDUIT ELBOW FROM THE BOTTOM OF POLE MOUNTED CABINET AND MAST ARM POLE. FIELD DRILL NEW 3 IN. OPENING IN POLE MOUNTED CABINET AND MAST ARM POLE AND INSTALL NEW 3 IN. CONDUIT ELBOW.

GENERAL NOTES

1. VIDEO CAMERA LOCATION/ALIGNMENT SHALL BE COORDINATED WITH SHA ENGINEER.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE END.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL UNUSED CABLES FROM ALL CONDUITS AND HANDHOLES.
4. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATICS ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PRECEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELLY SO THAT THE CONFLICT MAY BE RESOLVED.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES

BY: SSMITH

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TOD NO: AT724-15
SHA No: AA538A59/B59
MD 177 @ Catherine Ave: MD 177 @ MD 607

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

REVISIONS

J SHA NO. AT7245185 MODIFY TRAFFIC SIGNAL TO VIDEO DETECTION
SWA

I SHA NO. XX1065485 04-13-04
INSTALL LIGHTING BRACKET ARM AND LUMINAIRE
SWA | MR | DAZ | BK | | TH

H SHA NO. AA 560-451-585 01-30-95
ADD E/P LT ON EB MD 177
SMR | DAZ | DA | | ETP | TH

G 04-21-94
RECUT TRUN LOOP
JJD | SR | DAZ | | ETP | TH

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 177 (MOUNTAIN ROAD) AT CATHERINE AVEENUE

PASADENA, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 10/06 CONTRACT NO. AW 607-501-576

DESIGNED BY
DRAWN BY J.G.
CHECKED BY J.G.
F.A.P. NO.

COUNTY ANNE ARUNDEL
LOGMILE 02017702.89
T.I.M.S. NO. H882
TOD NO.

TS NO. 328J | DRAWING 1 OF 2 | SHEET NO. OF

PLOTTED: Friday, February 16, 2007 AT 09:18 AM
FILE: R:\2004\45 SHA BCS 2004-02B TEDD Traffic\Task 14\Dgn\MD177.DGN\pSG-P001_H882.DGN