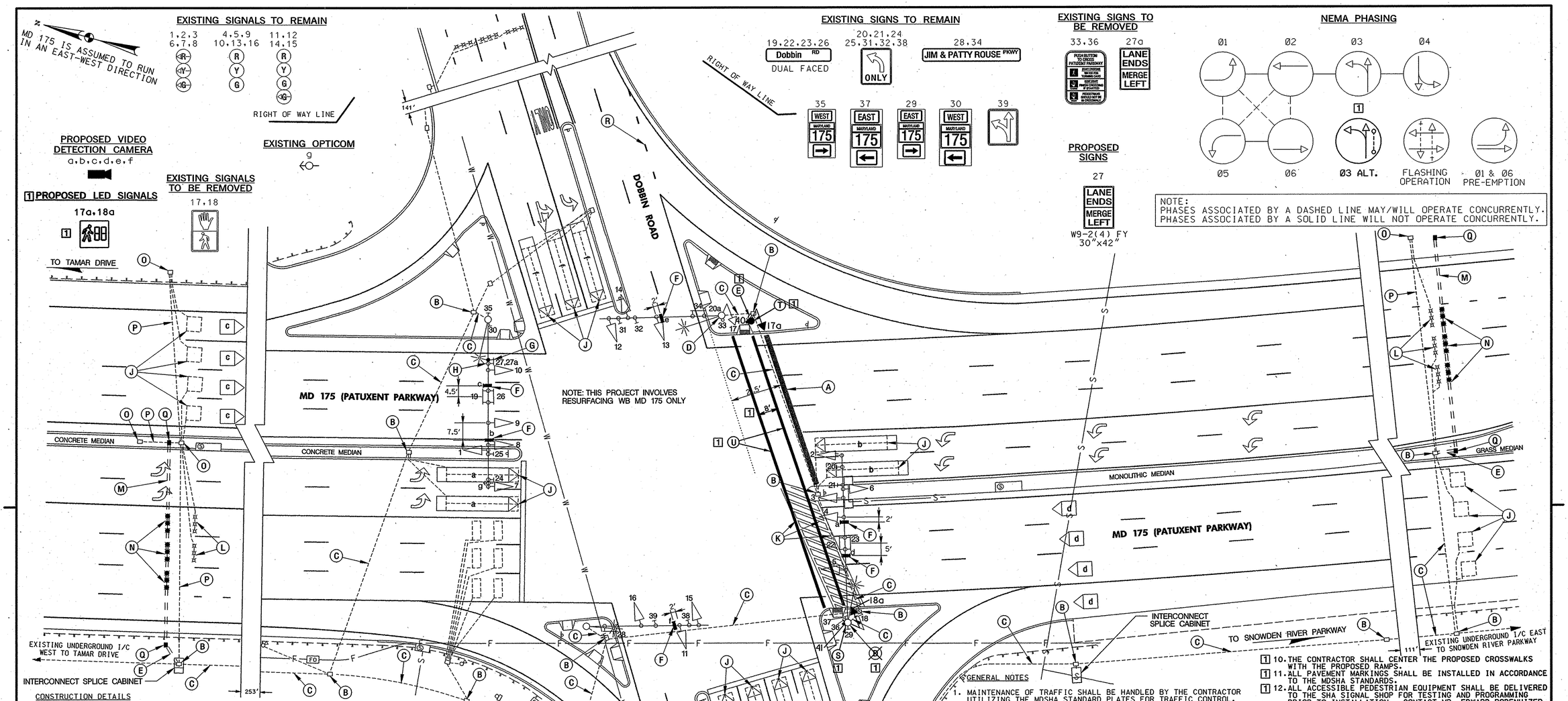

CONSTRUCTION DETAILS

A. INSTALL 24 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE
B. USE EXISTING HANDHOLE
C. USE EXISTING CONDUIT
D. REMOVE EXISTING PUSHBUTTON, SIGN AND PEDESTRIAN SIGNAL HEAD
E. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
F. INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM
G. INSTALL OVERHEAD SIGN
H. REMOVE OVERHEAD SIGN
J. ABANDON EXISTING LOOP DETECTOR
K. REMOVE EXISTING PERMANENT PAVEMENT LINE MARKINGS ~~(CROSSWALK)~~ 1
L. ABANDON EXISTING MICROLOOP PROBE
M. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - BORED
N. INSTALL NON-INVASIVE MICROLOOP PROBE SET
O. ABANDON EXISTING HANDHOLE
P. ABANDON EXISTING CONDUIT
Q. INSTALL ELECTRICAL HANDHOLE
R. INSTALL 5 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (3 FT. STRIPE/9 FT. GAP/3 FT. STRIPE)

1 S. REMOVE EXISTING PUSHBUTTON, SIGN, AND PEDESTRIAN SIGNAL HEAD, AND INSTALL A NEW LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON, AND SIGN R10-4(1) MOD "PUSH BUTTON TO CROSS PATUXENT PARKWAY" ON EXISTING SIGNAL POLE

1 T. INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PUSHBUTTON, AND SIGN R10-4(1) MOD "PUSH BUTTON TO CROSS PATUXENT PARKWAY"

1 U. INSTALL 12 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK

GENERAL NOTES

1. MAINTENANCE OF TRAFFIC SHALL BE HANDLED BY THE CONTRACTOR UTILIZING THE MDSHA STANDARD PLATES FOR TRAFFIC CONTROL.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
4. THE CONTRACTOR SHALL REMOVE AND REPLACE CONCRETE SIDEWALK AT THE NEAREST JOINT.
5. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
6. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. THE CONTRACTOR SHALL CONTACT MISS UTILITY PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT TO VERIFY ALL UNDERGROUND UTILITIES. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
7. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
8. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
9. THE CONTRACTOR MAY CONTACT MS. MELODY COOK AT 410-787-4024 TO OBTAIN A FULL SIZE COPY OF THE PLANS.

1 RED LINE REVISION 3/9/07

1 10. THE CONTRACTOR SHALL CENTER THE PROPOSED CROSSWALKS WITH THE PROPOSED RAMPS.
1 11. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE TO THE MDSHA STANDARDS.
1 12. ALL ACCESSIBLE PEDESTRIAN EQUIPMENT SHALL BE DELIVERED TO THE SHA SIGNAL SHOP FOR TESTING AND PROGRAMMING PRIOR TO INSTALLATION. CONTACT MR. EDWARD RODENHIZER AT 410-787-7650 TO COORDINATE.
1 13. SEE GENERAL INFORMATION SHEET FOR PEDESTAL POLE AND APS DETAIL
1 14. THE DETECTABLE WARNING SURFACES SHALL BE INSTALLED BY OTHERS.
1 15. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

GEOMETRIC LEGEND

PROPOSED
EXISTING

UTILITY LEGEND

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

STV Incorporated
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BY: WEAVERCC

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

MD 175 (PATUXENT PARKWAY) AT DOBBIN ROAD

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

4	ADD VIDEO DETECTION TO ALL APPROACHES AND REMOVE PED. SIGNALS	11/2006
3	12-16-02 ASBUILT FOR RED LIGHT CAMERA INSTALLATION	
2	1-3-01 ASBUILT	
1		

SHA No.: BW9968082

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20' DATE 3-16-76 CONTRACT NO. HO-400-501-785

DESIGNED BY
DRAWN BY J.G./D.ZAFIRIS
CHECKED BY
F.A.P. NO.
COUNTY HOWARD
LOGMILE 13017504.18
T.I.M.S. NO. H951
TOD NO:

DRAWING NO. TS-1396H OF SHEET NO. OF

PLOTTED: THURSDAY, MARCH 08, 2007 AT 03:31 PM
FILE: I:\PROJECTS\03125I3\03125I3.0029\DRAWINGS\TRA\DOBBIN ROAD\REDLINE 2-1-07\PSG-P001_DOBBIN.DGN