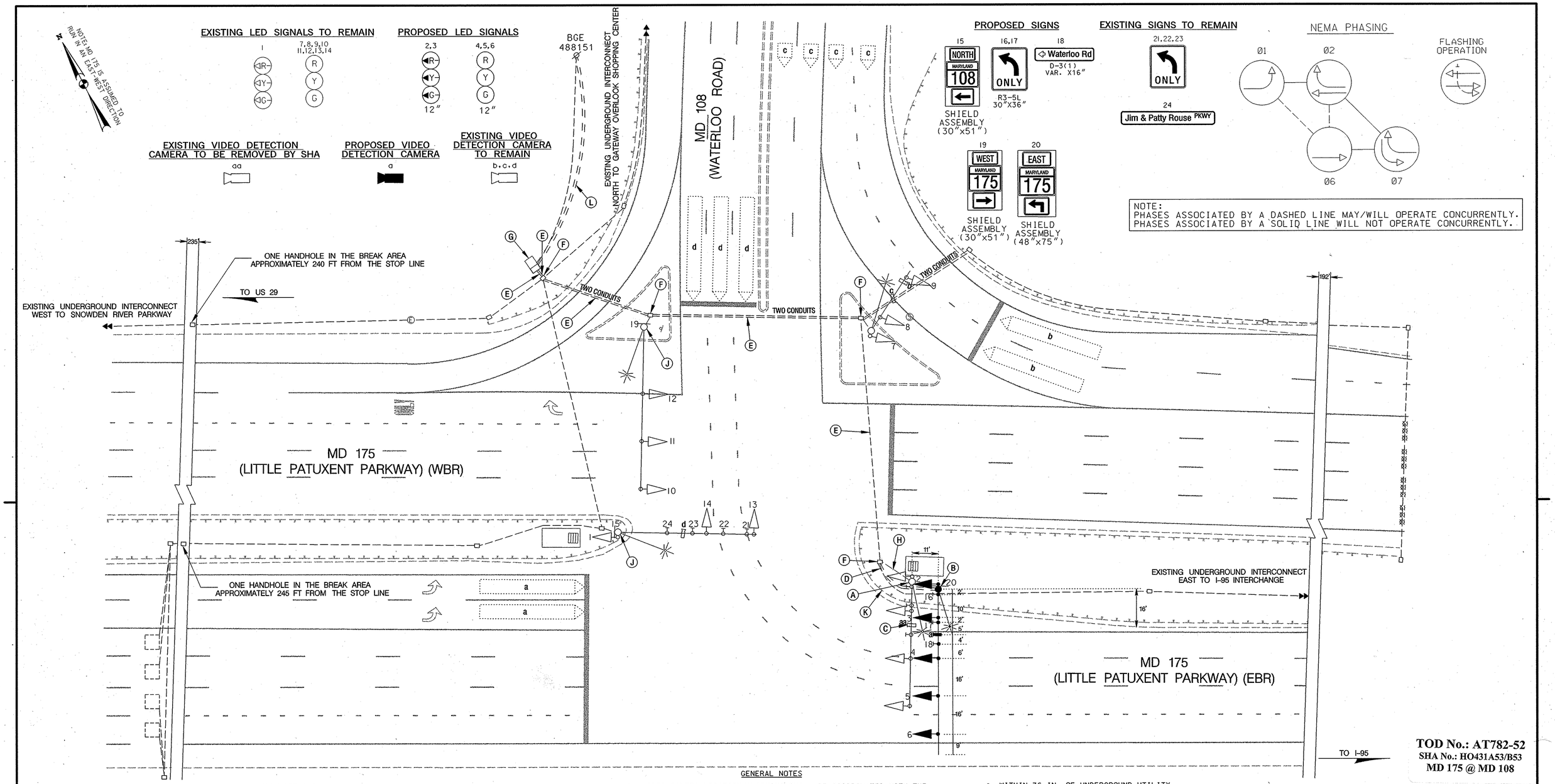

TOD No.: AT782-52
SHA No.: HO431A53/B53
MD 175 @ MD 108

CONSTRUCTION DETAILS

A. REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVE FOUNDATION 12 IN. BELOW GRADE.

B. INSTALL 27 FT. STEEL POLE WITH 70 FT. MAST ARM, FOUNDATION, LED VEHICULAR TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, AND 15-FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE WITH PHOTO CELL. (NOTE: 1-3 IN. PVC 90 DEGREE BEND)

C. VIDEO DETECTION CAMERA TO BE REMOVED BY SHA SIGNAL SHOP

D. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)

E. USE EXISTING CONDUIT

F. USE EXISTING HANDHOLE

G. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER

H. ABANDON EXISTING CONDUIT, CAP AT NEAREST HANDHOLE

J. INSTALL OVERHEAD SIGN

K. REMOVE AND RESET BARRIER AS NEEDED TO INSTALL FOUNDATION

L. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED TELEPHONE SERVICE. THE CONTRACTOR SHALL CAP, MARK, AND LEAVE A ONE FOOT STUB WITH PULL STRING AT BASE OF UTILITY POLE FOR USE BY OTHERS.

GENERAL NOTES

1. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY THE PROPOSED POLE LOCATION PRIOR TO INSTALLATION.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION. THE CONTRACTOR SHALL DISPOSE OF ALL ABANDONED CABLE.
4. THE SHA SIGNAL SHOP WILL REMOVE AND SALVAGE THE EXISTING VIDEO DETECTION CAMERA. CONTACT MR. ED RODENHIZER AT 410-787-7650, 72 HOURS IN ADVANCE FOR PICK-UP.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING ALL SIGNAL CABLE AND PROPERLY LABELING EACH CABLE. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
6. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
7. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED 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.
8. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
9. THE SIGNAL CONTRACTOR SHALL ENSURE THE EXISTING TRAFFIC SIGNAL REMAINS OPERATIONAL UNTIL THE TRAFFIC SIGNAL MODIFICATION IS OPERATIONAL.

STV Incorporated
engineers/architects/planners/construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

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

BY: WEAVERCC

APPROVALS	
TEAM LEADER	ORIGINAL ON FILE
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS
09/2006 INSTALL ADDITIONAL SIGNAL HEAD ALONG E/B APPROACH SHA NO. AT782S185 STV SDY JSO
1 03-25-05 ADD DOUBLE RIGHT-TURN SIGNAL DUE TO WIDENING FOR SECOND RIGHT-TURN LANE ON N/B MD175 M.J.A. D.J.R. A.W.B.
H 06-94 REVISION NO.2 TO SHA CONTRACT NO. HO724-501-776 W.M. D.J.D. D.A.Z. E.T.P. T.H.

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

MD 175 (LITTLE PATUXENT PARKWAY) AT MD 108 (WATERLOO ROAD)

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20' DATE 06-02-1972 CONTRACT NO. HO-433X-775

DESIGNED BY BILL RICHARDSON
DRAWN BY BILL RICHARDSON
CHECKED BY WILLIAM FITCH
F.A.P. NO.
COUNTY HOWARD
LOGMILE 13010815.24
T.I.M.S. NO. H034
TOD NO.

DRAWING NO. TS-558 J OF SHEET NO. 1 OF 2

PLOTTED: FRIDAY, SEPTEMBER 08, 2006 AT 03:12 PM
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