



MD 542 IS ASSUMED TO RUN IN NORTH-SOUTH DIRECTION

GENERAL NOTES

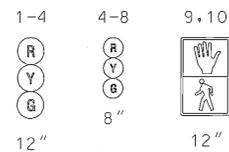
1. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
2. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
5. SEE SIGNING AND MARKING PLANS FOR PAVEMENT MARKING DETAILS.

PROPOSED VIDEO DETECTION CAMERA

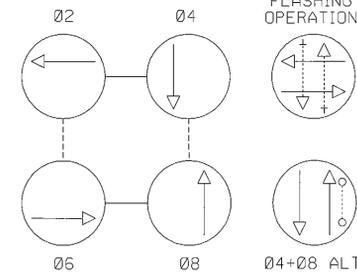
a, b, c



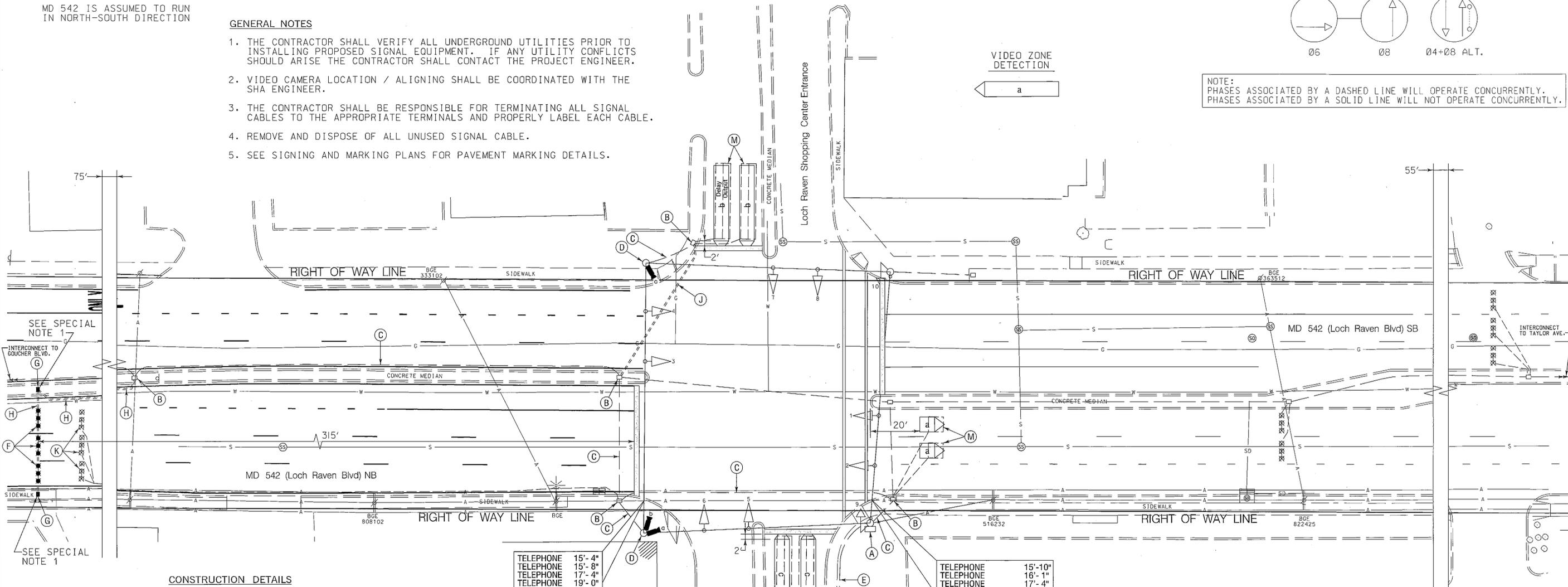
EXISTING SIGNALS



NEMA PHASING



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



CONSTRUCTION DETAILS

- A. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).
- B. USE EXISTING HANDHOLE.
- C. USE EXISTING CONDUIT.
- D. USE EXISTING STRAIN POLE AND INSTALL NEW OVERHEAD VIDEO DETECTION CAMERA(S) WITHIN 3 FT. OF TOP OF STRAIN POLE AS SHOWN.
- E. CAP AND ABANDON EXISTING CONDUIT.
- F. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT.
- G. REMOVE EXISTING SIDEWALK/MONOLITHIC MEDIAN, INSTALL HANDHOLE AND REPLACE/REPAIR 5 INCH CONCRETE SIDEWALK/MONOLITHIC MEDIAN. REMOVAL AND REPLACEMENT/REPAIR OF SIDEWALK/MONOLITHIC MEDIAN WILL NOT BE MEASURED BUT WILL BE INCIDENTAL TO THE CONTRACT UNIT PRICE PER EACH FOR ELECTRICAL HANDHOLE.
- H. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
- J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
- K. ABANDON EXISTING MICROLOOP PROBE SET. DISCONNECT AND REMOVE MICROLOOP PROBE CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
- L. REMOVE EXISTING HANDHOLE.
- M. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.

TELEPHONE	15'-4"
TELEPHONE	15'-8"
TELEPHONE	17'-4"
TELEPHONE	19'-0"
SPAN	23'-4"
SECONDARY	27'-6"
PRIMARY	34'-0"

TELEPHONE	15'-10"
TELEPHONE	16'-1"
TELEPHONE	17'-4"
TELEPHONE	19'-6"
SPAN	21'-8"
TOP OF STRAIN POLE	25'-6"
SECONDARY	26'-7"
PRIMARY	32'-8"

SPECIAL NOTES:

1. INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES. EXTEND CONDUIT A MINIMUM OF 2 IN. AND MAXIMUM OF 3 IN. INTO HANDHOLE.
2. THESE DRAWINGS DETAIL THE INSTALLATION OF SIGNAL EQUIPMENT ONLY. THE CONTRACTOR SHALL REFER TO THE PERTINENT SECTIONS OF THE CONTRACT DOCUMENTS FOR DETAILS OF ALL OTHER PROPOSED WORK.

ADDENDUM NO. 1
MARCH 10, 2011
SHEET ADDED

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 542 (Loch Raven Blvd) and Hillendale/Loch Raven Plaza Shopping Ctr.
Loch Raven, MD

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
F	FIBER-OPTIC

WR&A
WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

APPROVALS	
TEAM LEADER	
ASSIST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
1	UPGRADED TO VIDEO DETECTION AND REPLACED DETECTION DUE TO RESURFACING SHA. NO. BA8695177 TIMS# J416 3/01/2011
2	REPLACED FAILED DETECTION TIMS NO. 0443
3	REVISED DETECTOR LEAD-IN 1/2000
4	REVISED DETECTOR LEAD-IN 3/21/1986

TRAFFIC SIGNALIZATION PLAN			
SCALE 1" = 20'. ADVERTISED DATE 7/17/1984 CONTRACT NO. _____			
DESIGNED BY	B. Thompson	COUNTY	Baltimore
DRAWN BY	B. Thompson	LOGMILE	03054200.80
CHECKED BY	D. Doda	TIMS NO.	D558
F.A.P. NO.		TOD NO.	
TS NO. 2010C	DRAWING TSP-1	OF 5	SHEET NO. 252A OF 301

PLOTTED: 03-01-2011
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BY: sbloss