

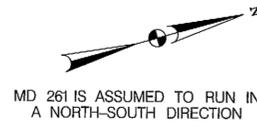
BORDER REV. DATE: March 12, 2008

DRILL HOLES

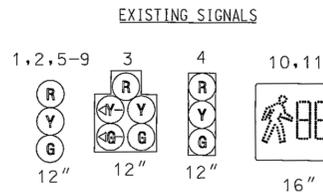
DRILL HOLES

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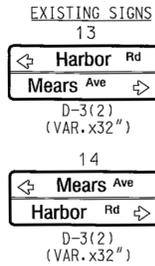
BY: Aaron Hottenstein Division: P068 Highway Traffic/GMA Emp



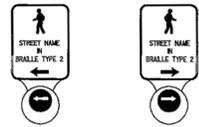
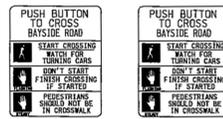
MD 261 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



NOTE: SIGNALS 3 AND 4 ARE OPTICALLY PROGRAMMED



EXISTING AUDIBLE PUSHBUTTON AND SIGN



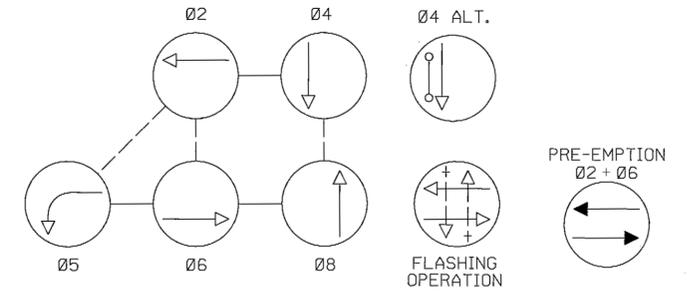
R10-4(1) 9"x12"

EXISTING VIDEO DETECTION CAMERAS a, b, c, e

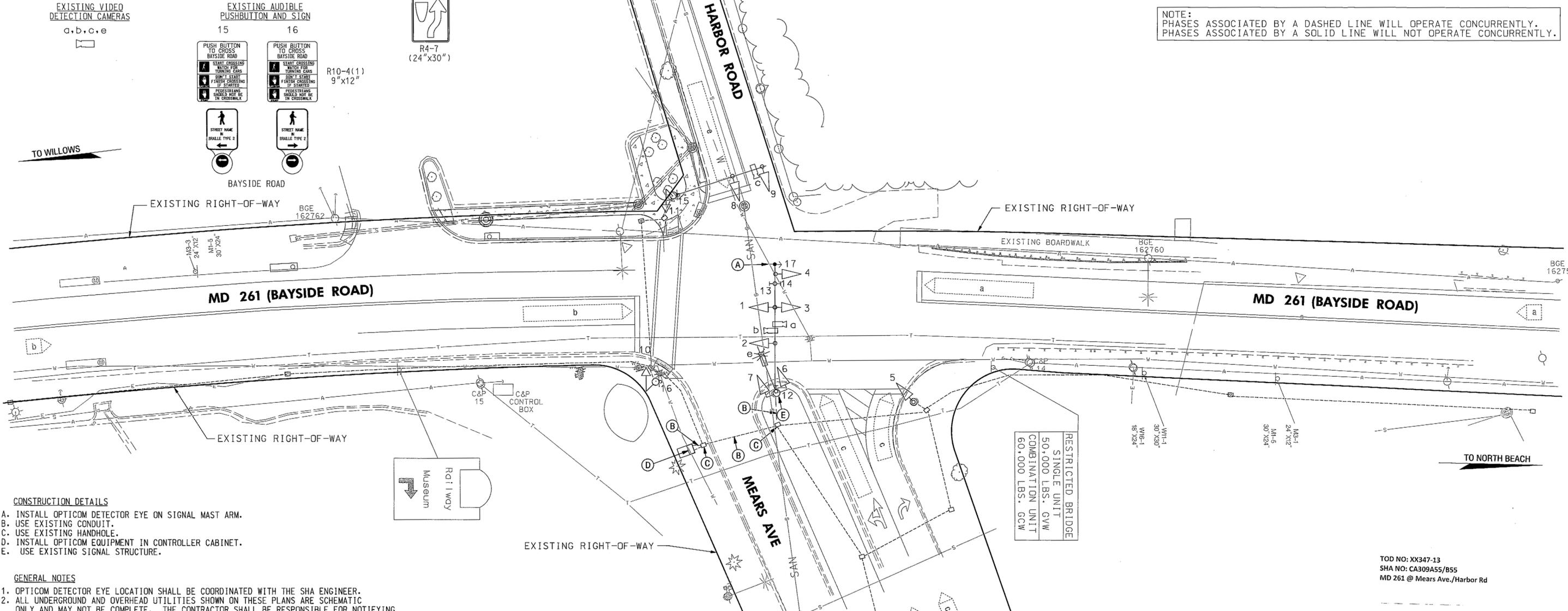
PROPOSED OPTICOM DETECTION



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. INSTALL OPTICOM DETECTOR EYE ON SIGNAL MAST ARM.
- B. USE EXISTING CONDUIT.
- C. USE EXISTING HANDHOLE.
- D. INSTALL OPTICOM EQUIPMENT IN CONTROLLER CABINET.
- E. USE EXISTING SIGNAL STRUCTURE.

GENERAL NOTES

- 1. OPTICOM DETECTOR EYE LOCATION SHALL BE COORDINATED WITH THE SHA ENGINEER.
- 2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC 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 PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
- 3. ALL PAVEMENT MARKINGS SHOWN ARE EXISTING.
- 4. ALL MODIFICATIONS TO THE CONTROLLER CABINET WILL BE MADE BY SHA SIGNAL FORCES.

RESTRICTED BRIDGE
SINGLE UNIT
50,000 LBS. G.W.
COMBINATION UNIT
60,000 LBS. G.W.

TOD NO: XX347-13
SHA NO: CA309A55/B55
MD 261 @ Mears Ave./Harbor Rd

KCI TECHNOLOGIES
ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS
936 RIDGEBROOK ROAD
SPARKS, MARYLAND 21152
TELEPHONE: (410) 316-7800
FAX: (410) 316-7818

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

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

REVISIONS	
1	INSTALL OPTICOM FOR SOUTHBOUND MD 261. CONTRACT NO. XX3479185. TMS NO. 1075. 12/2011
2	D. 02/12/2008 - REMOVE EXISTING SIDE STREET SIGNAL HEAD. PEDESTRIAN POLE AND VIDEO DETECTION. SHA NO. AT7825186; TMS NO. 1108
3	C. 03/20/2008 - INSTALL COUNTDOWN APS PUSHBUTTONS AND VIDEO DETECTION. SHA NO. CA4819184; TMS NO. 1420

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 261 (BAYSIDE ROAD) AND MEARS AVENUE / HARBOR ROAD
CHESAPEAKE BEACH, MARYLAND

SIGNALIZATION PLAN			
SCALE: 1" = 20'	DATE: _____	CONTRACT NO. 23855125066019	
DESIGNED BY: J.E.H./J.A.	COUNTY: CALVERT		
DRAWN BY: J.F.L.	LOGMILE: 04026105.66		
CHECKED BY: _____	TMS NO.: J108		
F.A.P. NO.: STP-G-1993(046)E	TOD NO.: _____		
TS NO. 3328 E	DRAWING SG-1	OF 2	SHEET NO. 1 OF 2

PLOTTED: 02:53 PM on Wednesday, November 02, 2011
FILE: M:\0000\01000616\01\drawings\SS-7000_MCD01.dgn