DRILL HOLES

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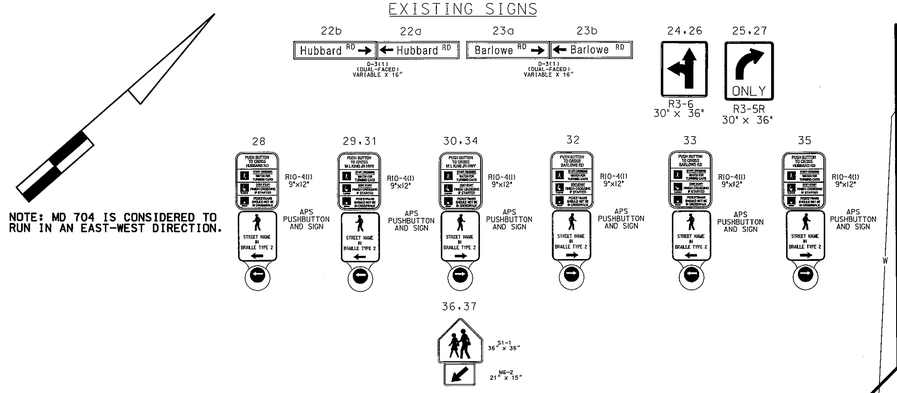
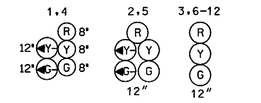
BORDER REV. DATE: June 1, 2004

EXISTING SIGNS



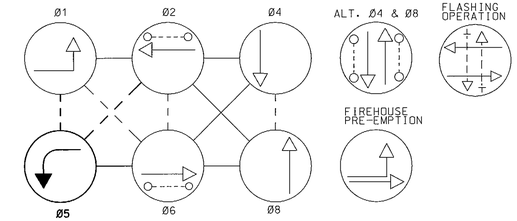
NOTE: MD 704 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

PROPOSED LED SIGNALS

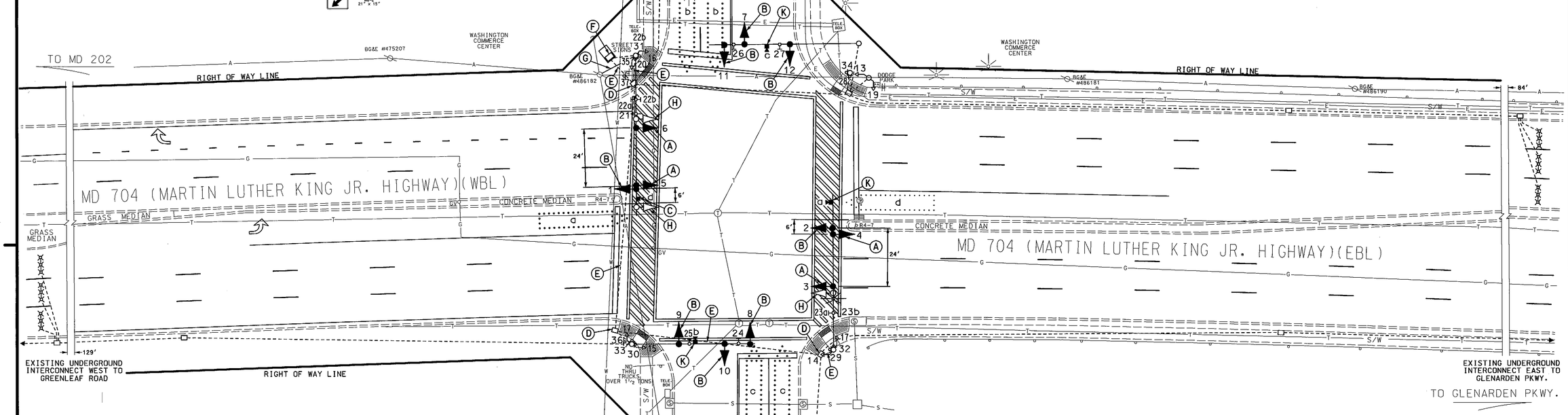


EXISTING SIGNALS

NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. Install proposed LED traffic signal heads as shown.

B. Remove existing traffic signal head from mast arm and install proposed LED traffic signal in same location as shown. (Note: Contractor shall use existing wiring.)

C. Install proposed video detection camera on existing mast arm as shown.

D. Use existing handhole.

E. Use existing conduit.

F. Use existing base mounted cabinet and controller. Remove existing Autoscope interface and replace with terra video interface.

G. Maintain existing overhead electrical service.

H. Remove existing signal head.

K. Remove existing camera and replace with terra Type camera.

GENERAL NOTES:

1. All underground 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 the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. The contractor shall remove all unused wiring.

TOD NO: XX339-08
SHA NO: PG713A52/B52
MD 704 @ Barlowe Rd/Hubbard Rd

GEOMETRIC LEGEND	
PROPOSED	
EXISTING	

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

REVISION "D"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

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

REVISIONS	
D INSTALL E/P PHASING ALONG WESTBOUND MD 704. ADD LED SIGNAL HEADS TIMS#: K661 SHA. NO.:XX339165 JWA	5/2/11
C 04/2005 - INSTALL ACCESSIBLE PEDESTRIAN SIGNALS AND LED PEDESTRIAN SIGNAL HEADS SHA. NO. PG 6058TT KJS	
B 12/2005 - INSTALL VIDEO DETECTION CAMERAS FOR:SGD MD 704 AT: MD 704 @ BARLOWE RDWY. & S/W HUBBARD RDWY. REPLACED CONDUIT ON NORTH END OF HUBBARD RDWY SHA NO. 0T5205 WJM J.A.H. W.J.H.	

PLOTTED: $DATETIME$
FILE: $FILE$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 704 (MARTIN LUTHER KING JR. HIGHWAY) AND BARLOWE ROAD/ HUBBARD ROAD

GLEN ARDEN, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE _____ CONTRACT NO. _____

DESIGNED BY C. Jednorski
DRAWN BY C. Jednorski
CHECKED BY Steve Renzi
F.A.P. NO. _____

COUNTY PRINCE GEORGE'S
LOGMILE 16070403.31
TIMS NO. H643
TOD NO. _____

TS NO.3203 D	DRAWING NO. 1 OF 2	SHEET NO. OF

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