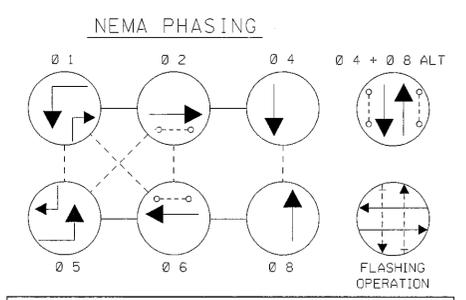
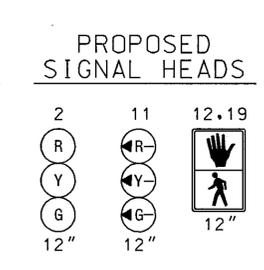
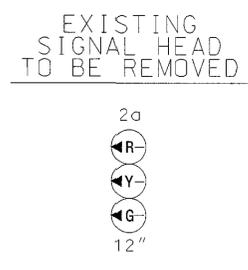
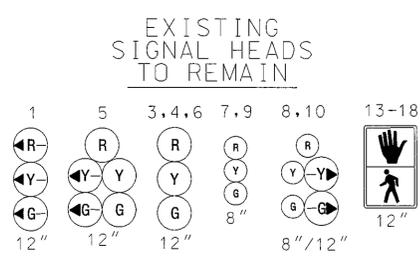
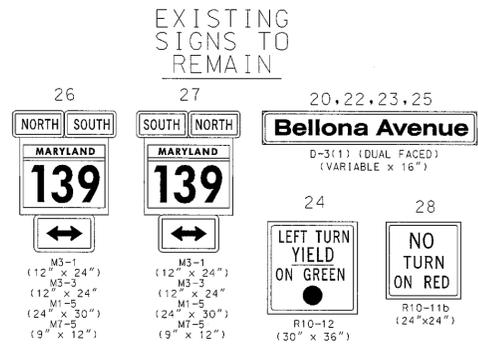


MD 139 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



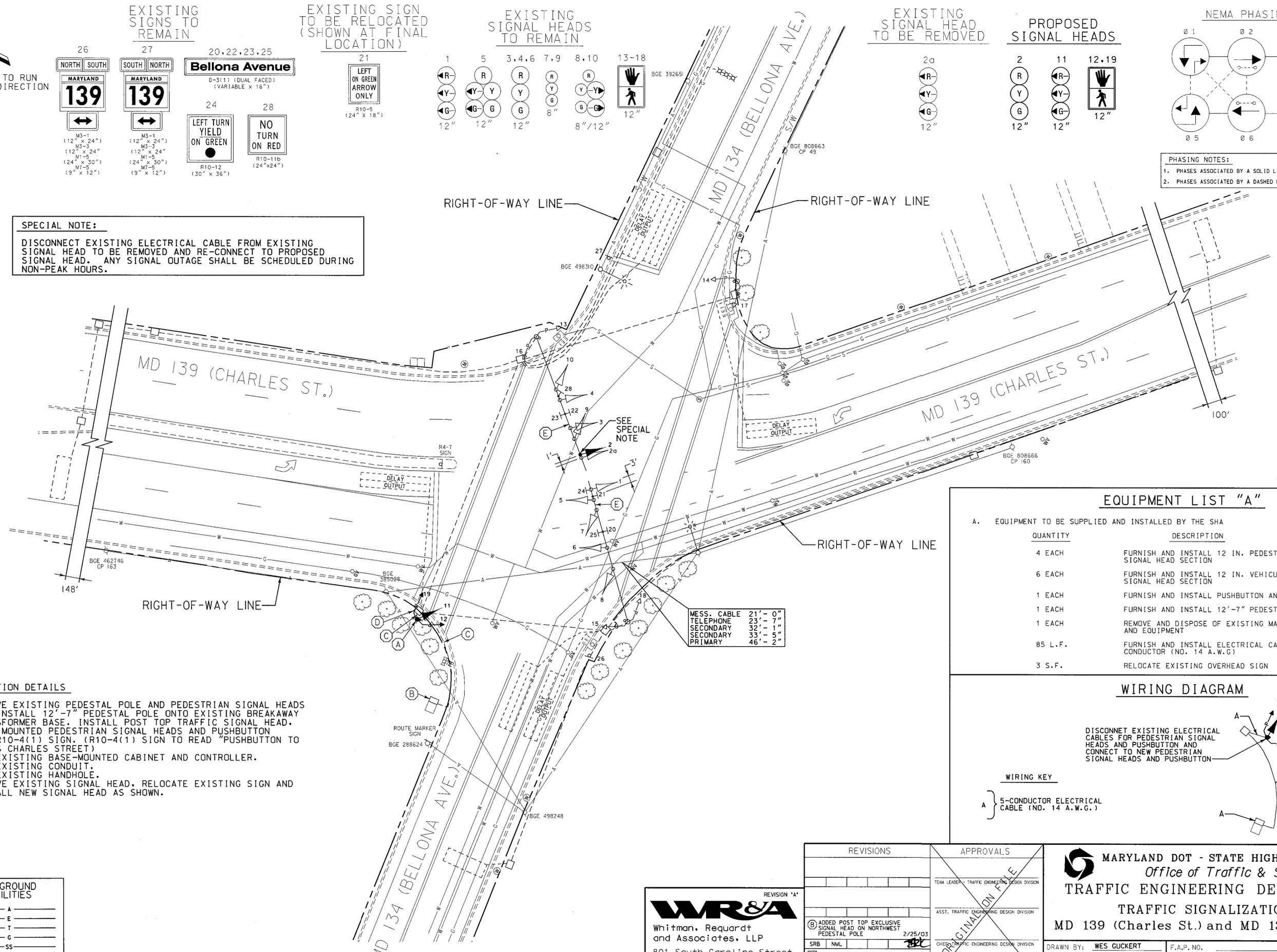
PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

SPECIAL NOTE:

DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING SIGNAL HEAD TO BE REMOVED AND RE-CONNECT TO PROPOSED SIGNAL HEAD. ANY SIGNAL OUTAGE SHALL BE SCHEDULED DURING NON-PEAK HOURS.



MESS. CABLE

21' - 0"
TELEPHONE 23' - 7"
SECONDARY 32' - 1"
SECONDARY 33' - 5"
PRIMARY 46' - 2"

CONSTRUCTION DETAILS

- A. REMOVE EXISTING PEDESTAL POLE AND PEDESTRIAN SIGNAL HEADS AND INSTALL 12'-7" PEDESTAL POLE ONTO EXISTING BREAKAWAY TRANSFORMER BASE. INSTALL POST TOP TRAFFIC SIGNAL HEAD, POLE MOUNTED PEDESTRIAN SIGNAL HEADS AND PUSHBUTTON AND R10-4(1) SIGN. (R10-4(1) SIGN TO READ "PUSHBUTTON TO CROSS CHARLES STREET")
- B. USE EXISTING BASE-MOUNTED CABINET AND CONTROLLER.
- C. USE EXISTING CONDUIT.
- D. USE EXISTING HANDHOLE.
- E. REMOVE EXISTING SIGNAL HEAD, RELOCATE EXISTING SIGN AND INSTALL NEW SIGNAL HEAD AS SHOWN.

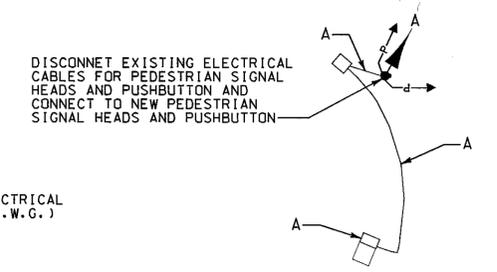
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

EQUIPMENT LIST "A"

QUANTITY	DESCRIPTION
4 EACH	FURNISH AND INSTALL 12 IN. PEDESTRIAN SIGNAL HEAD SECTION
6 EACH	FURNISH AND INSTALL 12 IN. VEHICULAR TRAFFIC SIGNAL HEAD SECTION
1 EACH	FURNISH AND INSTALL PUSHBUTTON AND SIGN
1 EACH	FURNISH AND INSTALL 12'-7" PEDESTAL POLE
1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
85 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G.)
3 S.F.	RELOCATE EXISTING OVERHEAD SIGN

WIRING DIAGRAM



WR&A

Whitman, Reardon and Associates, LLP

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Baltimore, Maryland 21231
(410) 235-3450

REVISIONS	APPROVALS
<p>REVISION 'A'</p> <p>ADDED POST TOP EXCLUSIVE SIGNAL HEAD ON NORTHWEST PEDESTAL POLE 2/25/03</p> <p>CHANGED E/P LT TO EXCLUSIVE LT PHASE ON NB MD 139 SF SIGNAL 10/14/02</p>	<p>TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>ASST. TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>CHEIEF TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>DIRECTOR, TRAFFIC & SAFETY</p>

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 139 (Charles St.) and MD 134 (Bellona Ave.)

DRAWN BY: WES GUCKERT
CHECKED BY:
SCALE: 1" = 20'
DATE: 3/6/2003

F.A.P. NO.
S.H.A. NO.
COUNTY: BALTIMORE
LOG MILE: 03013903.25

TS NO. TS-1824B
SHEET NO. 1 OF 2