

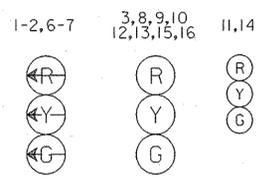
DRILL HOLES

DRILL HOLES

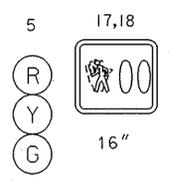
DRILL HOLES

BORDER REV. DATE: June 1, 2004  
MD 214 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

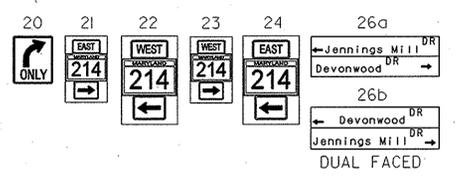
**EXISTING SIGNAL HEADS TO REMAIN**



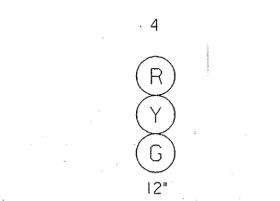
**PROPOSED SIGNAL HEADS**



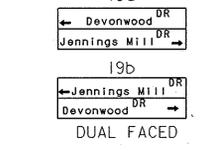
**EXISTING SIGNS TO REMAIN**



**EXISTING SIGNAL HEADS TO BE RELOCATED**



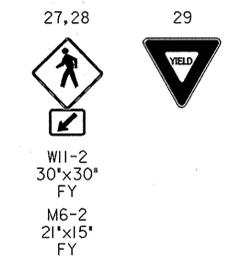
**EXISTING SIGNS TO BE RELOCATED**



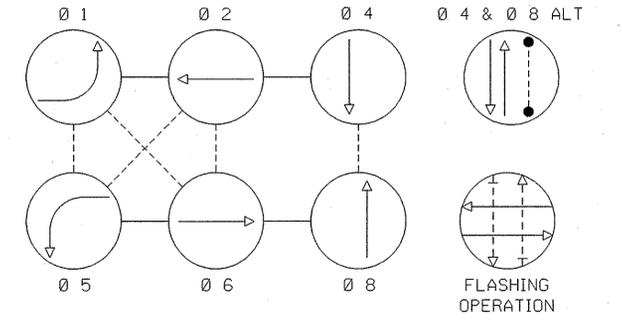
**EXISTING SIGNS TO BE REMOVED BY DISTRICT MAINTENANCE**



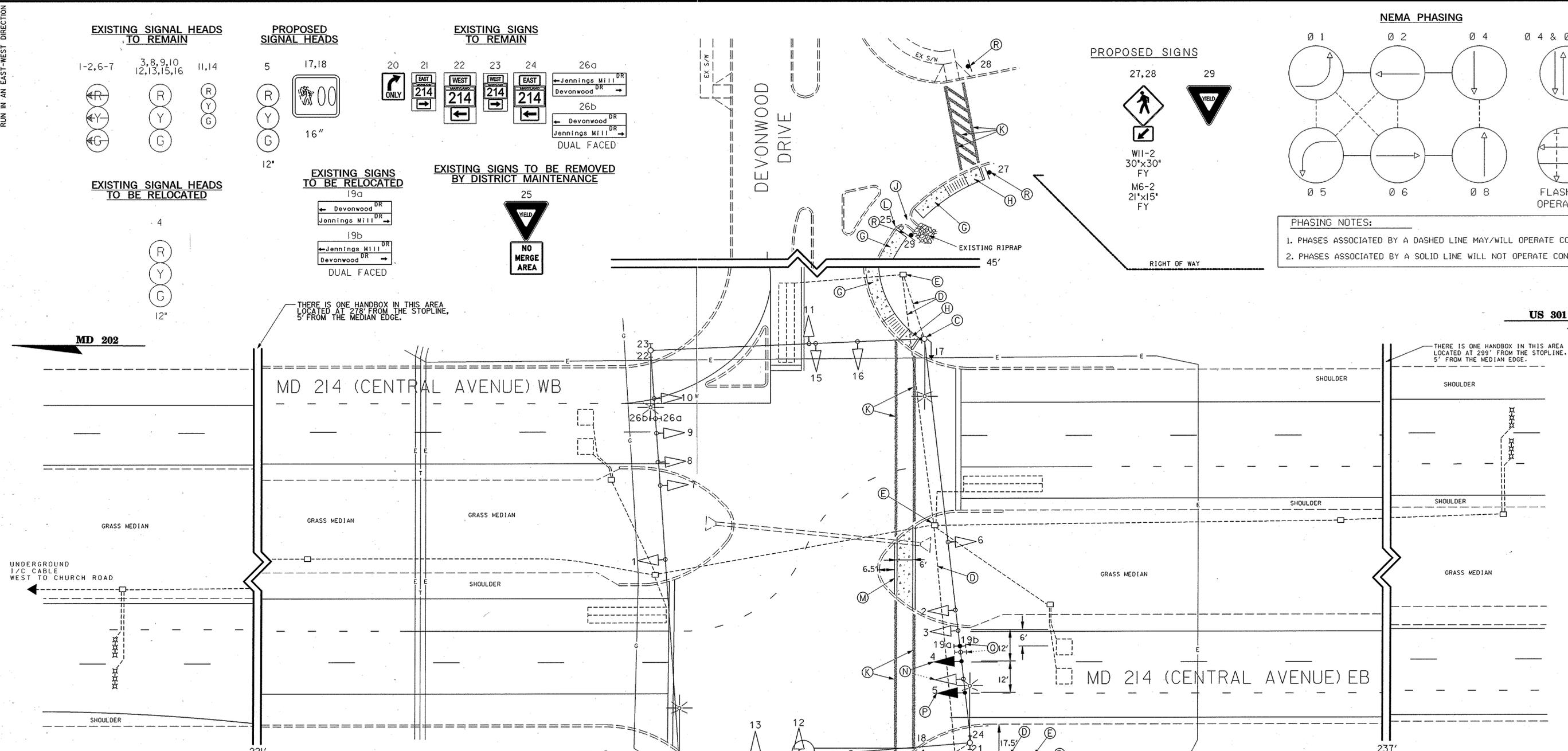
**PROPOSED SIGNS**



**NEMA PHASING**



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



**CONSTRUCTION DETAILS**

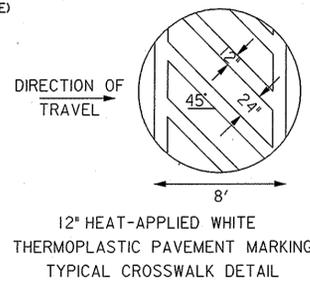
- A. INSTALL 14 FOOT BREAKAWAY PEDESTAL POLE, FOUNDATION, COUNTDOWN PEDESTRIAN SIGNAL HEAD, PUSH BUTTON AND SIGN (NOTE: 1-3 INCH PVC BEND)
- B. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
- C. INSTALL PEDESTRIAN COUNTDOWN SIGNAL HEAD, PUSH BUTTON, AND SIGN ON EXISTING STRAIN POLE
- D. USE EXISTING CONDUIT
- E. USE EXISTING HANDBOX
- F. USE EXISTING CABINET AND CONTROLLER
- G. INSTALL 5 FOOT WIDE x 4 INCH THICK CONCRETE SIDEWALK
- H. CONSTRUCT SHA STD 655J2 HANDICAP RAMP, (5 FT LANDING/ 8 FT FLARE) CONSTRUCT ONLY PORTION OF SIDEWALK RAMP SHOWN. CONSTRUCT STANDARD TYPE A CURB ONLY. (SHA STD 620.02) IN LIEU OF OTHER FLARE
- J. EXISTING CONCRETE CURB OPENING TO BE REMOVED AND REPLACED WITH WITH MD STD. 374.63 10 FT WIDE COS INLET (SHALLOW) BY OTHERS
- K. INSTALL 12 INCH HEAT APPLIED WHITE PERFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK LINES
- L. REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORTS (BY DISTRICT MAINTENANCE)
- M. CONSTRUCT 6 FOOT WIDE x 4 INCH THICK CONCRETE CUT-THROUGH WITH TYPE A CURBING (SLOPE TO MAINTAIN DRAINAGE)
- N. RELOCATE EXISTING TRAFFIC SIGNAL HEAD
- P. INSTALL NEW TRAFFIC SIGNAL HEAD SECTIONS
- Q. RELOCATE EXISTING OVERHEAD SIGN
- R. INSTALL GROUND MOUNTED SIGN ON ONE 4 IN. X 4 IN. WOOD POST

**GENERAL NOTES**

- 1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE 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. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
- 3. THE CONTRACTOR SHALL CENTER THE PROPOSED CROSSWALKS ON NEWLY CONSTRUCTED RAMPS.
- 4. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- 6. PLACE 24 IN. WIDE DETECTABLE WARNING MAT SURFACE ALONG THE FULLY DEPRESSED PORTION OF ALL EXISTING AND NEW RAMPS. THE MAT SHALL NOT EXTEND ONTO SIDE FLARES.

**UTILITY LEGEND**

SD	SD	STORM DRAIN
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
T	T	TELEPHONE CABLES
F	F	FIBER-OPTIC



**STV Incorporated**  
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**APPROVALS**

TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

**REVISIONS**

NO	ADD EAST LEG PEDESTRIAN CROSSING ON MD 214	8/2005
1	ADD EAST LEG PEDESTRIAN CROSSING ON MD 214	8/2005
2	MODIFY THE EXISTING LEFT TURN PHASING ON MD 214 FROM E/P TO EXCLUSIVE LEFT TURNS	3/2003
3	AS BUILT AND ADDED V/C CABLE AND SAMPLING	8/2008

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 214 (CENTRAL AVENUE) AND JENNINGS MILL ROAD/DEVONWOOD DRIVE

**TRAFFIC SIGNALIZATION PLAN**

SCALE	1"=20'	DATE	02/2001	CONTRACT NO.	XX1005385
DESIGNED BY	F. HOECKEL	COUNTY	PRINCE GEORGE'S	LOGMILE	16021409.48
DRAWN BY	F. HOECKEL	T.I.M.S. NO.	6685	TOD NO.	TS-4068 C
CHECKED BY					
F.A.P. NO.					
DRAWING NO.	TS-4068C	SHEET NO.	1 OF 2		

TOD No: AT782-03  
SHA: PG694A52/B52

PLOTTED: 08/15/2005 01:21:01 PM  
FILE: I:\PROJECTS\11103\50\SIGNAL\G6856P01.DGN