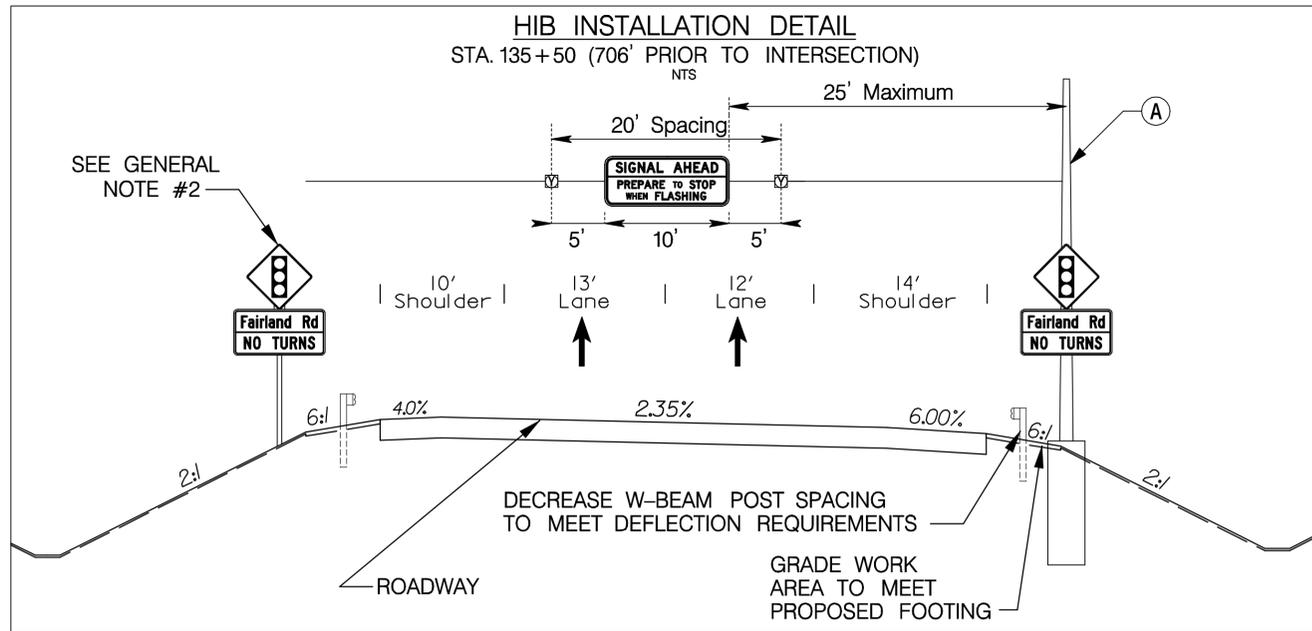




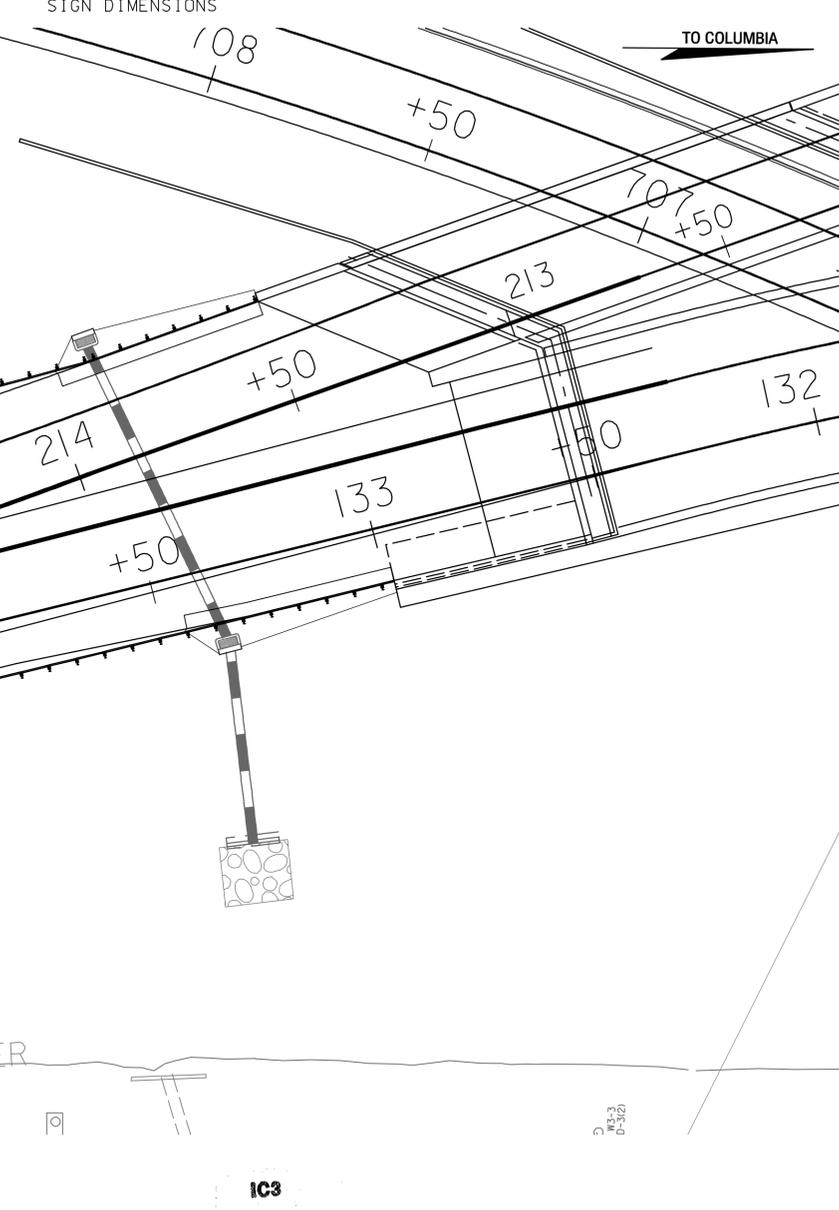
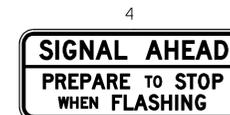
US 29 (COLUMBIA PIKE) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



PROPOSED SIGNALS

- 1-2 (Y) 12" LED

PROPOSED SIGNS



MATCH LINE - SEE DWG. SG-7.1

CONSTRUCTION DETAILS

- A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH 60 FT. MAST ARM WITH LED SIGNAL HEADS AND SIGNS (NOTE: 1-3 IN. 90 DEGREE BENDS).
- B. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- C. INSTALL HANDHOLE.
- D. USE HANDHOLE INSTALLED IN US 29/FAIRLAND ROAD SIGNAL PLAN.
- E. USE TRENCHED CONDUIT INSTALLED IN US 29/FAIRLAND ROAD SIGNAL PLAN.
- F. USE BORED CONDUIT INSTALLED IN US 29/FAIRLAND ROAD SIGNAL PLAN.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
2. FOR FINAL PAVEMENT MARKINGS AND GROUND-MOUNTED SIGNS, REFER TO THE SIGNING AND PAVEMENT MARKING PLANS. MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
3. THE CONTRACTOR SHALL ASSEMBLE AND DELIVER THE HIB SIGNAL CABINETS AND CONTROLLER TO THE MONTGOMERY COUNTY TRAFFIC SIGNAL SHOP FOR TESTING AND VERIFICATION. ONCE VERIFICATION AND TESTING HAS BEEN PERFORMED, THE CONTRACTOR SHALL DELIVER AND INSTALL THE CABINETS AND CONTROLLERS AT THE PROJECT SITE. MONTGOMERY COUNTY WILL PROVIDE THE FINAL CONNECTIONS OF CABLES WITHIN THE CABINET.
4. 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.
5. ALL HIB 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, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
6. TRENCH CONDUIT PRIOR TO RAMP AND SIDEWALK INSTALLATION.
7. MONTGOMERY COUNTY WILL PERFORM FINAL CONNECTIONS OF INTER-CONNECT CABLES.

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	

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 200 (ICC) RAMP@ N FAIRLAND ROAD
RAMP "WS" & "ES" HIB INSTALLATION
MD 200 (ICC)-CONTRACT C
WEST OF US 29 TO EAST OF I-95
AREA "W"

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 09/28/2009 CONTRACT NO. AT3765C60

DESIGNED BY JRS COUNTY MONTGOMERY
DRAWN BY JRS LOGMILE
CHECKED BY DSU TMS NO. J855
F.A.P. NO. AC-NH-ICC-1(1)N TOD NO.

TS NO. 4730 DRAWING SG-7.2 OF 03 SHEET NO. 17 OF 31

IC3
OCT 01 2009
Release for Construction

BY: jholloway