N

MD 313 (FEDERALSBURG HIGHWAY) IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

EXISTING SIGNS TO REMAIN

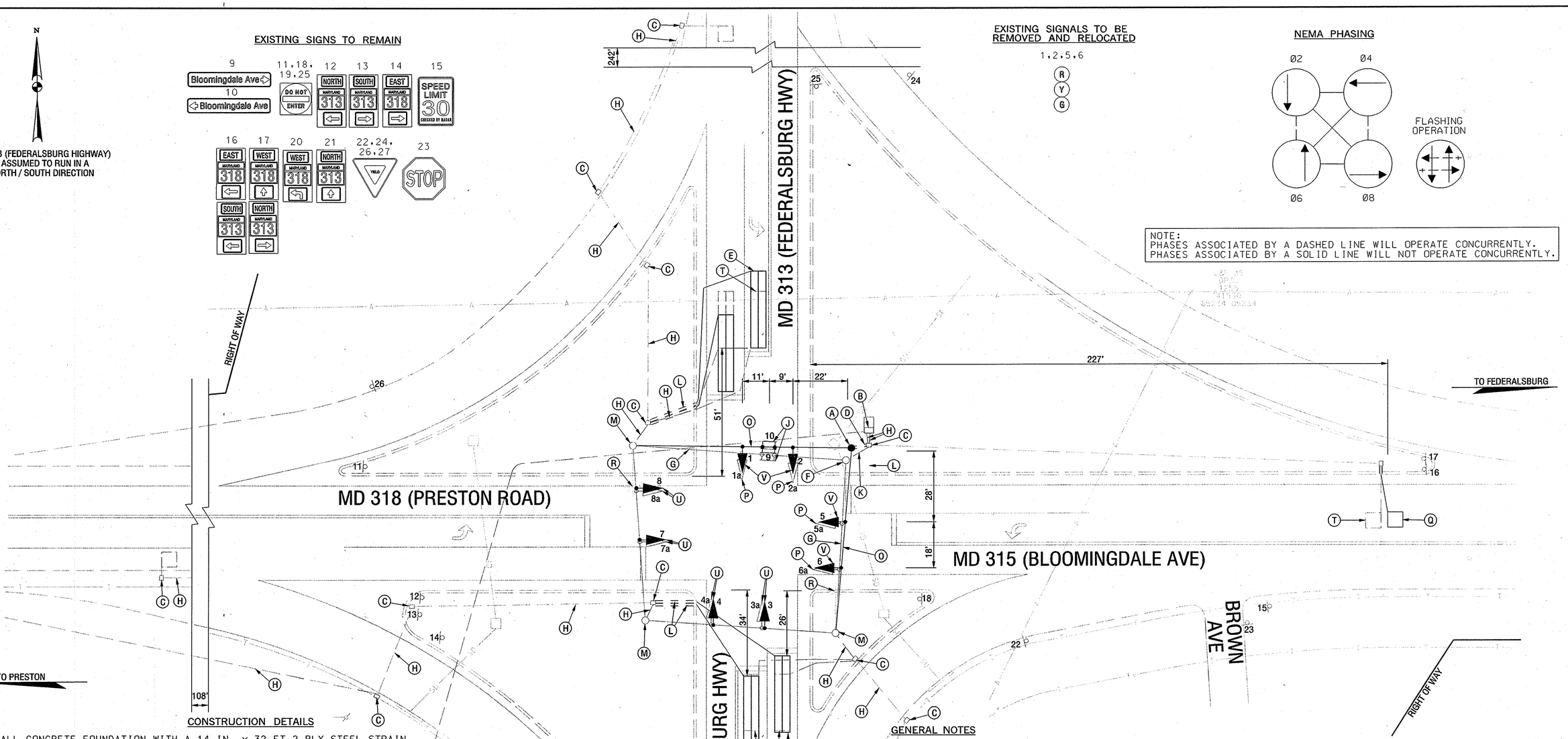
EXISTING SIGNALS TO BE REMOVED AND RELOCATED

1, 2, 5, 6

R
Y
G

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 CONCRETE FOUNDATION WITH A 14 IN. x 32 FT.2 PLY STEEL STRAIN POLE WITH SPAN WIRE, 3 IN. WEATHER HEAD. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
B. USE EXISTING NEMA SIZE 6 BASE MOUNTED CONTROLLER CABINET.
C. USE EXISTING HANDHOLE.
D. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
E. INSTALL 6 FT. X 30 FT. LOOP DETECTION ENCASED IN 1/4 IN. FLEX TUBING.
F. REMOVE EXISTING WOOD POLE AND ALL ASSOCIATED EQUIPMENT AND BACKFILL.
G. REMOVE EXISTING SPAN WIRE.
H. USE EXISTING CONDUIT.
J. REMOVE EXISTING STREET SIGN FROM EXISTING SPAN WIRE AND RELOCATE IT TO NEW SPAN WIRE AS SHOWN ON PLAN.
K. CAP AND ABANDON EXISTING CONDUIT.
L. INSTALL 1 IN. GALVANIZE STEEL CONDUIT - TRENCHED
M. USE EXISTING STRAIN POLE.
N. USE EXISTING HANDHOLE.
O. INSTALL 3/8 IN. SPAN WIRE AS SHOWN ON PLAN WITH RELOCATED LED SIGNAL HEADS AND SIGNS.
P. DISCONNECT CABLE FROM EXISTING SIGNAL HEAD AND REMOVE SIGNAL HEAD FROM THE SPAN WIRE. REMOVE EXISTING CABLE FROM WOOD POLE, CONDUIT AND CONTROLLER CABINET AND DISPOSE OF IT.
Q. INSTALL 6 FT. X 6 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEX TUBING.
R. DISCONNECT CABLE FROM EXISTING LIGHTING ARM, LUMINAIRE, STRAIN POLE, SPAN WIRE, CONDUIT AND CABINET AND DISPOSE OF IT. THEN INSTALL NEW CABLE TO ENERGIZE LUMINAIRE.
S. USE EXISTING SPAN WIRE.
T. ABANDON EXISTING LOOP DETECTOR.
U. USE EXISTING SPAN WIRE AND REMOVE EXISTING SIGNAL HEAD, THEN INSTALL NEW LED SIGNAL HEAD SECTION IN THE SAME LOCATION AS SHOWN ON PLAN.
V. INSTALL NEW LED SIGNAL HEAD SECTION TO NEW SPAN WIRE AS SHOWN.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
6. 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, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

GEOMETRIC LEGEND

EXISTING

UTILITY LEGEND

SD	STORM DRAIN
GAS	GAS MAIN
WATER	WATER MAIN
SAN	SEWER MAIN
UG ELEC	ELECTRIC CABLES
A	AERIAL CABLES
UG TEL	TELEPHONE CABLES
UG FO	FIBER-OPTIC

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ASST. CHIEF TRAFFIC ENGINEERING DIVISION	
CHIEF TRAFFIC ENGINEERING DIVISION	
DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

ORIGINAL ON FILE

REVISIONS			
© SHA No. AT9095185 2/25/2008			
TRAFFIC SIGNAL MODIFICATION			
SWA			
B AS-BUILT	07/22/63		
ASH			

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 313 (Federalsburg Highway) and MD 318 (Preston Rd)/ MD 315 (Bloomingdale Ave)

FEDERALSBURG, MD.

SIGNAL PLAN

SCALE 1"=20' DATE 2/18/2008 CONTRACT NO. CO479-501-285

DESIGNED BY B. THOMPSON
DRAWN BY B. THOMPSON
CHECKED BY A. BUDRICHUK
FAP NO.

COUNTY CAROLINE
LOGMILE 05031303.39
TIMS NO. I-289
TOD NO.

TS NO. 38C | DRAWING 1 OF 2 | SHEET NO. OF

PLOTTED: Monday, March 10, 2008 AT 05:26 PM
FILE: R:\2004\45 SHA BCS 2004-025 TEDD Traffic\Task 37 MD 313 at MD 318\Dgn\psig-p001MD313@MD318.dgn

BY: SSMITH