

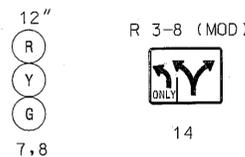
MD 202 IS ASSUMED TO RUN
IN THE NORTH/SOUTH DIRECTION

ROW LINE

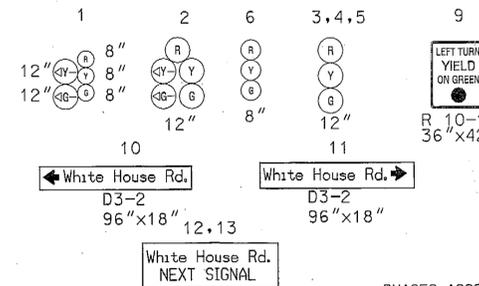
Equipment List 'B'
Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY	DESCRIPTION
1002	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5001	165 LF	FURNISH AND INSTALL 24 INCH WHITE PREFORMED THERMOPLASTICPAVEMENT MARKING LINES
5002	165 LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8002	1 EA	ADJUST HANDHOLE TO GRADE
8007	1 EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT
8010	5 LF	1 INCH DETECTOR SLEEVE GALVANIZED OR FLEXIBLE LIQUID TIGHT
8014	240 LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH SLOTTED
8015	65 LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH TRENCHED
8017	6 EA	NONINVASIVE DETECTOR, 1000 FOOT LEAD IN CABLE
8018	5 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8020	450 LF	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8021	110 LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
8083-A	375 LF	ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)

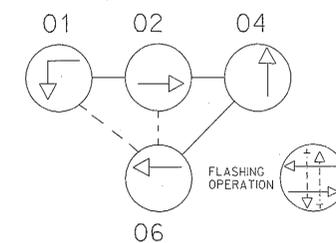
EXISTING SIGNALS & SIGNS



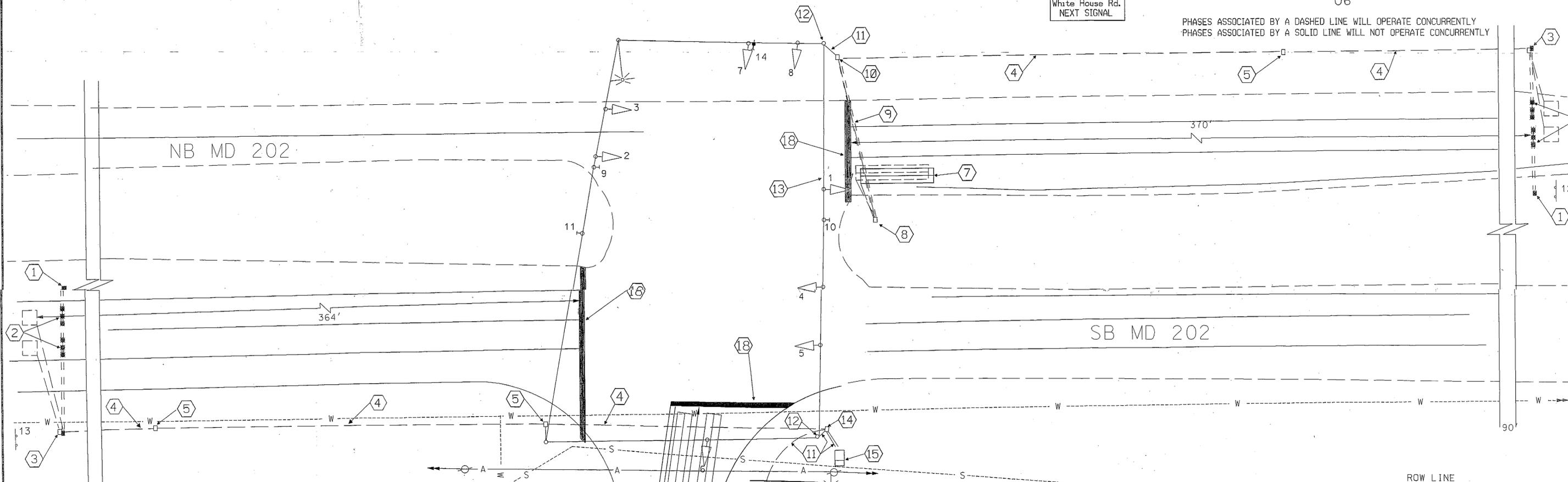
EXISTING SIGNALS & SIGNS



NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



Construction Details

1. Install proposed handhole aligned to accommodate non-invasive probe sets.
2. Install proposed triple micro loop probe sets.
3. Install proposed handhole aligned to accommodate non-invasive probe sets. Install probe wires.
4. Use existing conduit. Remove existing loop detection lead-in cables and install proposed probe wires.
5. Use existing handhole. Remove existing loop detection lead-in cables and install proposed probe wires.
6. Install 3 inch schedule 80 pvc (trenched). Install proposed probe wires.
7. Install 6x30 quadrupole loop detector. (Note: 3-6-3 turns)
8. Use existing handhole. Remove existing loop detection lead-in cable and install proposed loop detection lead-in cable. Splice proposed loop wire to proposed loop detection lead-in cable.
9. Install 3 inch schedule 80 pvc (slotted in road). Install proposed loop detection lead-in cable.
10. Adjust existing handhole to grade. Remove existing loop detection lead-in cables and install proposed probe wires and loop detection lead-in cable.
11. Use existing conduit. Remove existing loop detection lead-in cables. Install proposed loop detection lead-in cable(s) and probe wires.
12. Use existing strain pole. Remove existing loop detection lead-in cables and install proposed probe wires and loop detection lead-in cable.
13. Use existing span wire. Remove existing loop detection lead-in cables. Install proposed loop detection lead-in cable and probe wires.
14. Use existing handhole. Remove existing loop detection lead-in cables and install proposed probe wires and loop detection lead-in cable.
15. Use existing controller cabinet. Remove existing loop detection lead-in cables. Install proposed loop detection lead-in cable and probe wires. TOD personnel will re-tune amplifiers after completion of proposed detector work.
16. Use existing handhole. Remove existing loop detection lead-in cables. Install proposed loop detection lead-in cables and probe wires. Splice proposed loop detection lead-in cables to existing loop wires.
17. Use existing handhole. Install proposed triple micro loop probe sets.
18. Remove existing stop line and re-install in accordance to SHA Standards.

Equipment List 'A'
Equipment to be supplied by the S.H.A.
And installed by the Contractor
NONE

Equipment List 'C'
Removed and Salvaged Items
NONE

GEOMETRIC LEGEND

PROPOSED _____

EXISTING - - - - -

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

REVISIONS		APPROVALS	
①	Install probes XX656 03/2013 L984	ASST. TRAFFIC ENGINEERING DESIGN DIVISION	
②	RELOCATED SIGNAL HEADS REPLACED LOOPS	ASST. DISTRICT ENGINEER, TRAFFIC	
③	RE-BUILT DUE TO DUAL	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
④	DC DISTANCE	DIRECTOR, TRAFFIC & SAFETY	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 202 AT WHITE HOUSE ROAD

DRAWN BY: DC DISTANCE
CHECKED BY: S RENZI
SCALE: 1" = 20'
DATE: 1/87

F.A.P. NO. P-881-501-377
S.H.A. NO. P-881-501-377
COUNTY: PRINCE GEORGE'S
LOG MILE: 16020205.40

TS NO. 1602 D
SHEET NO. 1 OF 1

JACOBS
Jacobs Civil Inc.
100 South Charles Street
Tower Two, Suite 1000
Baltimore, Maryland 21201
410-837-5840 Fax: 410-837-3277