

EXISTING SIGNS TO BE REMOVED

20, 23



19, 21, 22, 24

Middleborough Rd.

EXISTING SIGNS

25



26



27



28



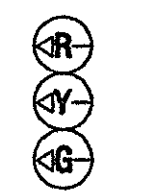
PROPOSED SIGNALS

15, 16



12"

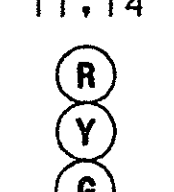
1, 2, 5, 6



12"

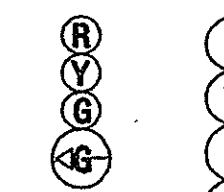
EXISTING SIGNALS

3, 4, 7, 8, 11, 14



12"

9, 12



8"/12"

10, 13



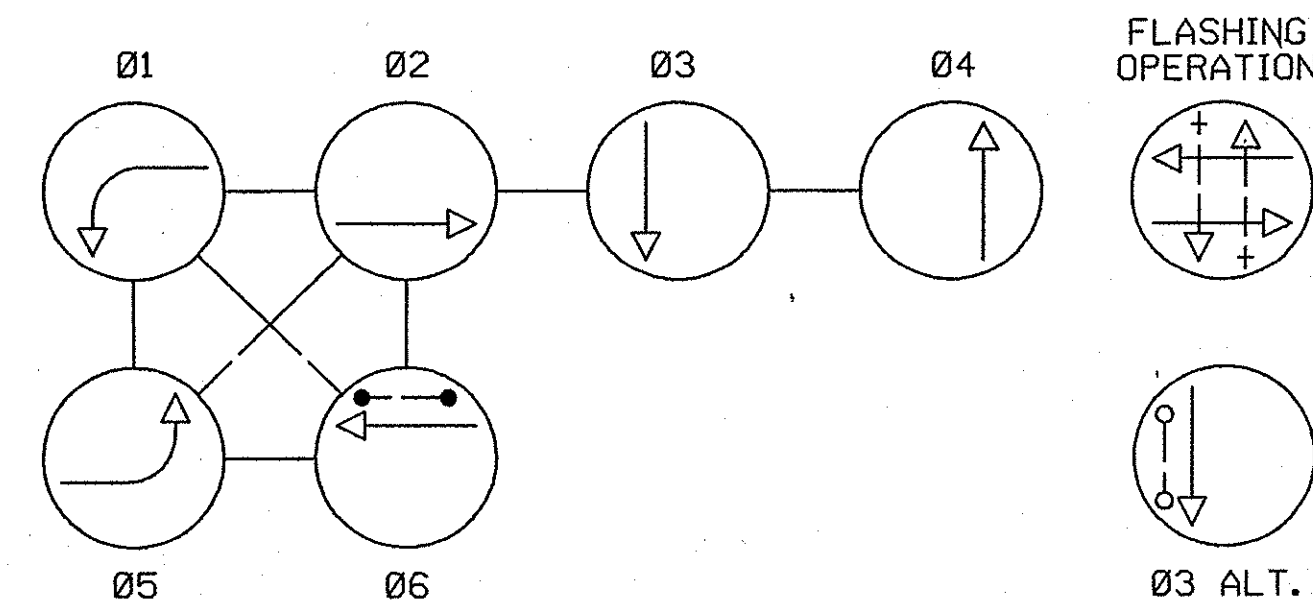
12"

17, 18



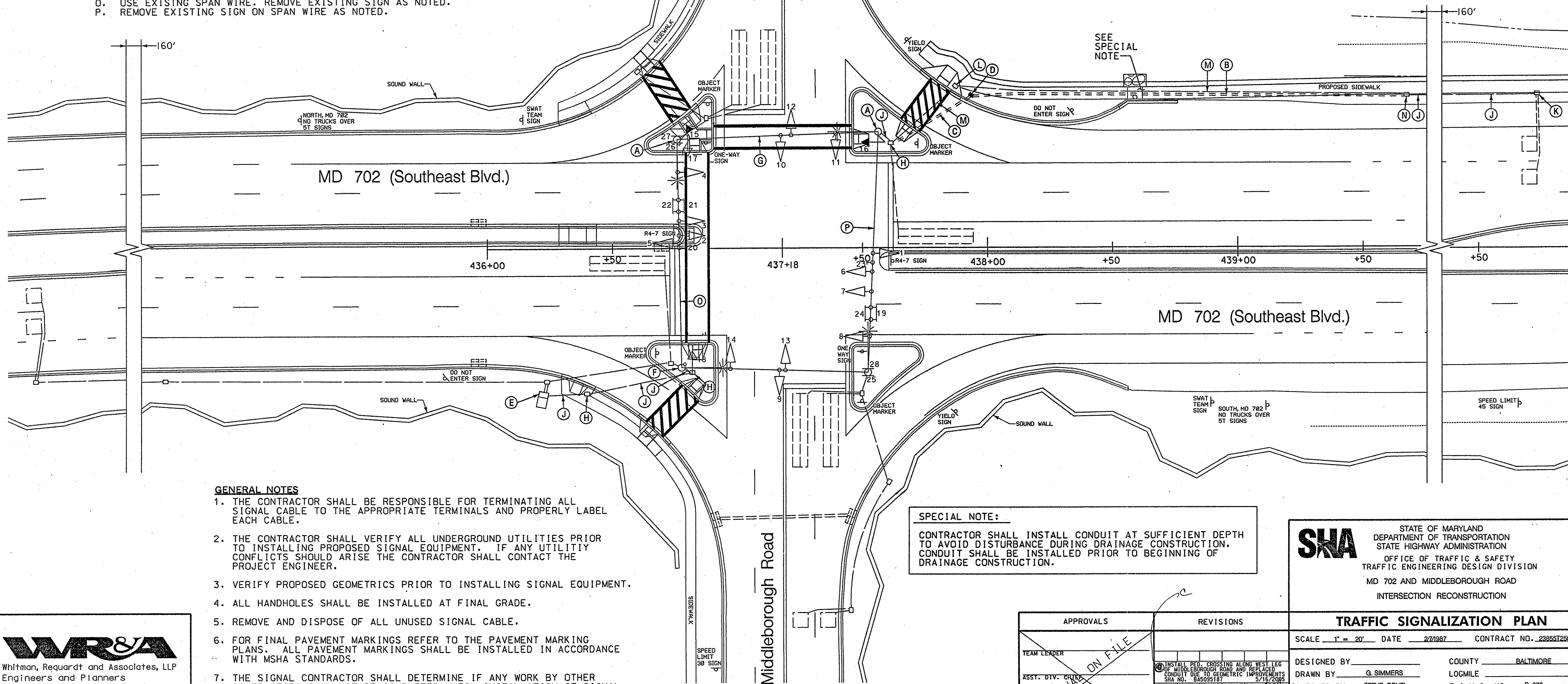
12"

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

- CONSTRUCTION DETAILS**
- USE EXISTING STRAIN POLE AND INSTALL PEDESTRIAN SIGNAL HEAD.
 - INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
 - INSTALL HANDHOLE.
 - USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
 - USE EXISTING STRAIN POLE.
 - USE EXISTING SPAN WIRE.
 - USE EXISTING HANDHOLE.
 - USE EXISTING CONDUIT.
 - USE EXISTING HANDHOLE AND ADJUST TO FINAL GRADE. SPLICE NEW 2-CONDUCTOR (NO. 14 A.W.G.) ALUMINUM SHIELDED ELECTRICAL CABLE TO EXISTING LOOP WIRE (NO. 14 A.W.G.).
 - REMOVE EXISTING HANDHOLE.
 - CAP AND ABANDON EXISTING CONDUIT.
 - USE EXISTING HANDHOLE AND ADJUST TO FINAL GRADE.
 - USE EXISTING SPAN WIRE. REMOVE EXISTING SIGN AS NOTED.
 - REMOVE EXISTING SIGN ON SPAN WIRE AS NOTED.



GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- 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.
- VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
- ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
- REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
- FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
- THE SIGNAL CONTRACTOR SHALL DETERMINE IF ANY WORK BY OTHER CONTRACTORS CAN NOT BE COMPLETED UNTIL INSTALLATION OF SIGNAL EQUIPMENT IS COMPLETE. THE SIGNAL CONTRACTOR SHALL NOTIFY OTHER CONTRACTORS OF THIS WORK.

SPECIAL NOTE:

CONTRACTOR SHALL INSTALL CONDUIT AT SUFFICIENT DEPTH TO AVOID DISTURBANCE DURING DRAINAGE CONSTRUCTION. CONDUIT SHALL BE INSTALLED PRIOR TO BEGINNING OF DRAINAGE CONSTRUCTION.

SKA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 702 AND MIDDLEBOROUGH ROAD
INTERSECTION RECONSTRUCTION

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE 2/7/1987 CONTRACT NO. 23855T2508023

DESIGNED BY _____ COUNTY BALTIMORE
DRAWN BY G. SIMMERS LOGMILE _____
CHECKED BY STEVE RENZI T.I.M.S. NO. D-870
F.A.P. NO. TOD NO. 2275 M.C.

DRAWING NO. TSP-1 - 1 OF 2 SHEET NO. 32 OF 37

APPROVALS	REVISIONS
TEAM LEADER	1. INSTALL PED. CROSSING ALONG WEST LEG OF MIDDLEBOROUGH ROAD AND REPLACE CONDUIT DUE TO GEOMETRIC IMPROVEMENTS SHA NO. 845095187 5/16/2005
ASST. DIV. CHIEF	2. SRB NML 5/2000
DIVISION CHIEF	3. A SHA NO. 845095187 TO EXCLUSIVE INSTALL SIDE STREET SIGNAL PHASE INSTALL BLACK PHASE SIGNAL HEADS
OFFICE DIRECTOR	DD

PLOTTED: TUESDAY, JUNE 14, 2005 AT 02:16 PM
FILE: N:\31530-03\CADD\PSG-P001.MD702.DGN

WR&A

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