MD 273 IS ASSUMED TO RUN IN A EAST/WEST DIRECTION

EXISTING SIGNS

11A Singerly RD
11B Lewisville RD
12A Lewisville RD
12B Singerly RD
14,15 Telegraph RD
21 NORTH MARYLAND 213
22 NORTH MARYLAND 213
23 SOUTH MARYLAND 213

PROPOSED SIGNS

16 EAST MARYLAND 273 — SHIELD ASSEMBLY (30"x51") B/W
17 WEST MARYLAND 273 — SHIELD ASSEMBLY (48"x75") B/W
18 WEST MARYLAND 273 — SHIELD ASSEMBLY (30"x51") B/W
19 EAST MARYLAND 273 — SHIELD ASSEMBLY (48"x75") B/W
20 SOUTH MARYLAND 213 — SHIELD ASSEMBLY (30"x51") B/W

EXISTING SIGNALS

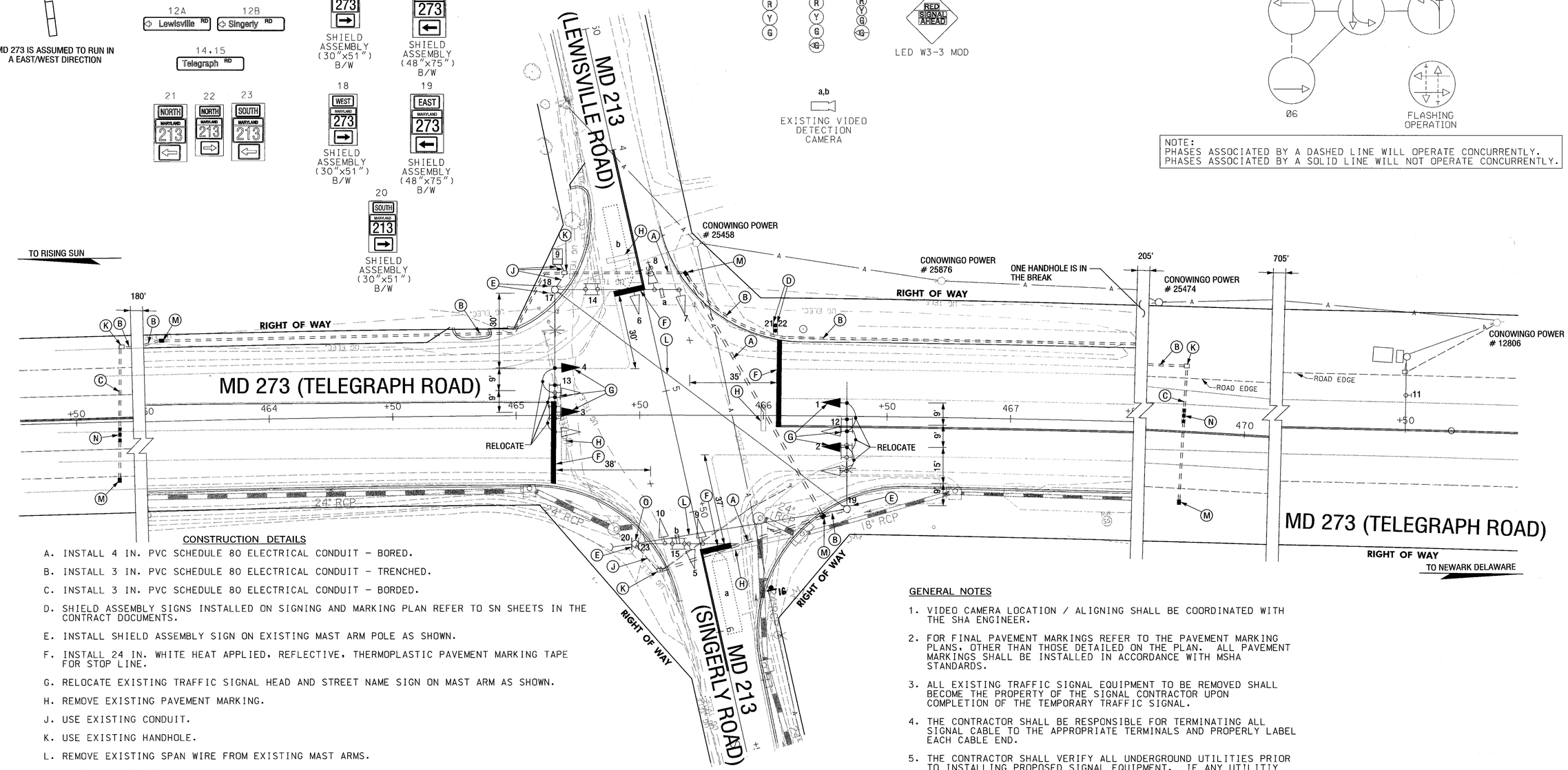
1,2,3, 4,7,10 — R Y G
6,9 — R Y G G
5,8 — R Y G G
11 — RED SIGNAL AHEAD — LED W3-3 MOD

a,b — EXISTING VIDEO DETECTION CAMERA

NEMA PHASING

Ø2 Ø3 Ø4
Ø6
FLASHING OPERATION

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



CONSTRUCTION DETAILS

A. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
B. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
C. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORDED.
D. SHIELD ASSEMBLY SIGNS INSTALLED ON SIGNING AND MARKING PLAN REFER TO SN SHEETS IN THE CONTRACT DOCUMENTS.
E. INSTALL SHIELD ASSEMBLY SIGN ON EXISTING MAST ARM POLE AS SHOWN.
F. INSTALL 24 IN. WHITE HEAT APPLIED, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.
G. RELOCATE EXISTING TRAFFIC SIGNAL HEAD AND STREET NAME SIGN ON MAST ARM AS SHOWN.
H. REMOVE EXISTING PAVEMENT MARKING.
J. USE EXISTING CONDUIT.
K. USE EXISTING HANDHOLE.
L. REMOVE EXISTING SPAN WIRE FROM EXISTING MAST ARMS.
M. INSTALL HANDHOLE.
N. INSTALL NON-INVASIVE PROBES WITH 1000 FOOT LEAD IN. (TO BE PLACED IN THE THRU LANES ONLY).
O. REMOVE EXISTING BACKGUY WITH ANCHOR ASSEMBLY FROM EXISTING MAST ARM POLE.

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE TEMPORARY TRAFFIC SIGNAL.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE END.
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.

ULTIMATE

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

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

REVISIONS					
E	SHA NO. CE4415176 MODIFICATION DUE TO GEOMETRIC CHANGES				08/2004
SWA					
D	SHA NO. 012000 AS BUILT; CHANGE TO MD 213 TO A SIDE STREET SPLIT				07/2001
WM	MAR	DAZ		BRK	TH
C	SHA NO. 8582504002 UPGRADE I.C.B. TO SIGNAL				11/12/1992
PRD	DJD	DAZ	EJP		TJH

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY
ORIGINAL ON FILE

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

MD 273 (TELEGRAPH ROAD) AT MD 213 (LEWISVILLE /SINGERLY ROAD)

DRAWN BY:	M. LINARDI	F.A.P. NO.		TS NO. TS-838 E	SHEET NO.
CHECKED BY:	W.F. FITCH	S.H.A. NO.	23854T2502873		
SCALE:	1" = 20'	COUNTY:	CECIL	T.I.M.S. NO. F246	27 OF 28
DATE:	01/15/1973	LOG MILE:	07021326.20		

FILE: r:\00-47\tsdk_32\dwg\rev\sed.5.25-04\f246gp01.dgn
DATE: 28-May-04 08:28