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

13 RED SIGNAL AHEAD

LED W3-3 MOD

14,15 Telegraph RD

21 NORTH MARYLAND 213 — 22 NORTH MARYLAND 213 — 23 [1] 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 [1] SOUTH MARYLAND 213 — SHIELD ASSEMBLY (30"x51") B/W (GROUND MOUNT)

23 [1] SOUTH MARYLAND 213 — SHIELD ASSEMBLY (48"x75") B/W (GROUND MOUNT)

EXISTING SIGNALS

1,2,3, 4,7,10 — 6,9 — 8,8 [1]

a,b EXISTING VIDEO DETECTION CAMERA

PROPOSED SIGNALS

[1] 5 — 9 — 10

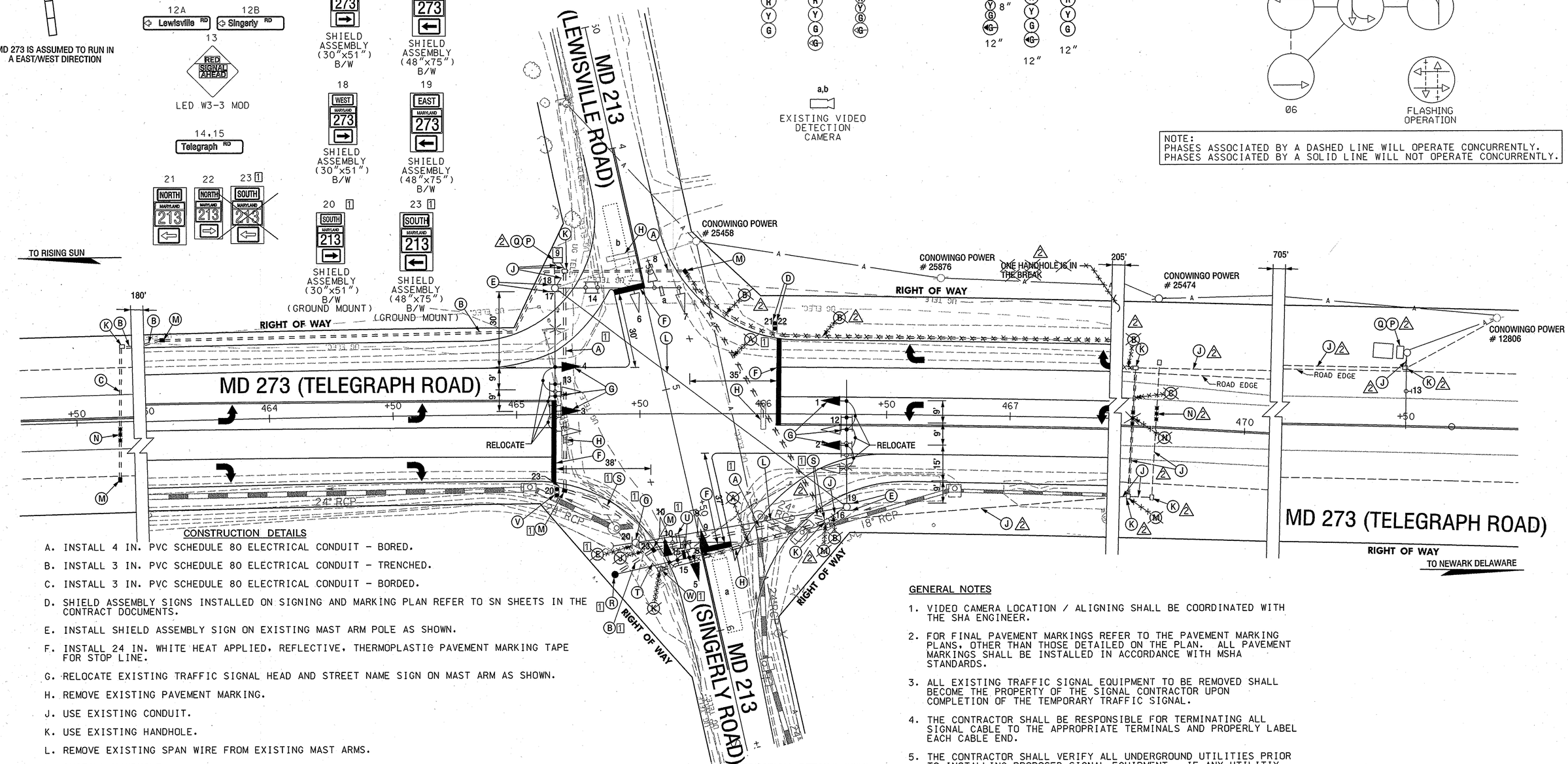
8" 12" 12" 12"

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.~~ REMOVE EXISTING MAST ARM POLE AND ALL ASSOCIATED EQUIPMENT AND CONCRETE FOUNDATION 12 IN. BELOW GRADE AND BACK FILL. [1]

P. INSTALL PROPOSED 12 PAIR COMMUNICATION CABLE IN EXISTING CABINET WITH LABELS AND TAGS AT CABLE ENDS. [2]

Q. DISCONNECT AND REMOVE EXISTING 12 PAIR COMMUNICATION CABLE FROM ALL HANDHOLES, CONDUIT AND CABINETS. [2]

R. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL MAST ARM POLE WITH A SINGLE 38 FT. MAST ARM WITH SIGNAL HEADS, SIGNS AND PROPOSED OVERHEAD VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 5+68, 37' RT. [1]

S. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. [1]

T. CAP AND ABANDON EXISTING CONDUIT. [1]

CONSTRUCTION DETAILS CONT.

U. DISCONNECT AND REMOVE EXISTING VIDEO DETECTION CAMERA FROM EXISTING MAST ARM RELOCATE TO PROPOSED MAST ARM AS SHOWN ON PLAN.

V. INSTALL SHEILD ASSEMBLY SIGN (GROUND MOUNT) ONTO (2) 4 x 6 IN. WOOD POST.

W. REMOVE EXISTING HANDHOLE AND BACKFILL 12 IN. BELOW GRADE.

[1] REDLINE REVISION [2] ADDENDUM No. 2
No. 1

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

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REVISIONS				APPROVALS
1	SHA NO. CE4415176 REDLINE REVISION No.	11/23/05		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
SWA	SH			
2	SHA NO. CE4415176 ADDENDUM No. 2	12/ /04		ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
SWA				
©	SHA NO. CE4415176 MODIFICATION DUE TO GEOMETRIC CHANGES	08/2004		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
SWA				
D	SHA NO. 07-2000 AS BUILT; CHANGE TO MD 213 TO A SIDE STREET SPLIT	07/2001		DIRECTOR, OFFICE OF TRAFFIC & SAFETY
WM	MAR	DAZ	BRK	TH

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		

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