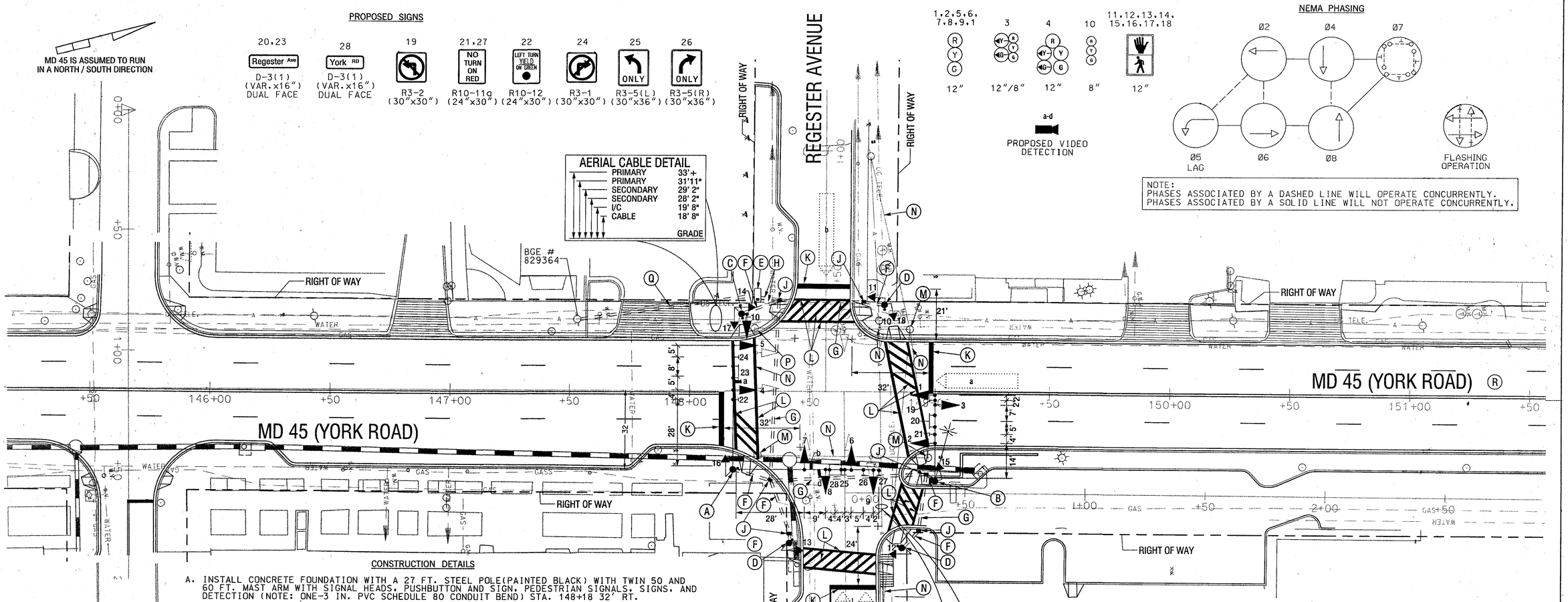

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE(PAINTED BLACK) WITH TWIN 50 AND 60 FT. MAST ARM WITH SIGNAL HEADS, PUSHBUTTON AND SIGN, PEDESTRIAN SIGNALS, SIGNS, AND DETECTION (NOTE: ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND) STA. 148+18 32' RT.

B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE(PAINTED BLACK) WITH SINGLE 38 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, 250 WATT HPS LUMINAIRE, 20 FT. LIGHTING ARM AND OVERHEAD VIDEO DETECTION. (NOTE: ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND) STA. 149+10 27' RT. (COORDINATE INSTALLATION OF THE FOUNDATION WITH THE PROPOSED WALL FOUNDATION)

C. INSTALL CONCRETE FOUNDATION WITH 14' STEEL PEDESTAL POLE(PAINTED BLACK) WITH BREAKAWAY BASE, SIGNAL HEAD, PEDESTRIAN SIGNALS, PUSHBUTTON, SIGN AND 1-3" PVC CONDUIT. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).STA 148+24 31' LT.

D. INSTALL CONCRETE FOUNDATION WITH 10' STEEL PEDESTAL POLE(PAINTED BLACK) WITH BREAKAWAY BASE, PEDESTRIAN SIGNAL, PUSH BUTTON, SIGN AND 1-3" PVC CONDUIT. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 148+81 36' LT.,STA 148+42 63' RT., AND STA 148+90 65' RT. (COORDINATE INSTALLATION OF FOUNDATION WITH PROPOSED STORM DRAIN CONSTRUCTION)

E. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS). STA 148+31 38' LT.

F. INSTALL 3 IN. PVC SCHEDEULE 80 ELECTRICAL CONDUIT - TRENCHED.

G. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT- SLOTTED.

H. INSTALL 4 IN. PVC SCHEDULE. 80 ELECTRICAL CONDUIT - TRENCHED.

J. INSTALL HANDHOLE.

K. INSTALL 24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.

L. INSTALL 12 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSSWALKS.

M. REMOVE EXISTING POLE AND FOUNDATION 12" BELOW GRADE AND BACK FILL.

N. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.

P. REMOVE EXISTING POLE, POLE MOUNTED CONTROLLER, CABINET AND FOUNDATION 12 IN. BELOW GRADE AND BACK FILL.

Q. INSTALL ONE-3 IN. PVC SCHEDEULE 80 ELECTRICAL CONDUIT- TRENCHED AND STUBOUT CONDUIT AT BASE OF POWER POLE (3 WIRE 1-CONDUCTOR NO. 4 AWG) FOR POWER FEED.

GENERAL NOTES

1. VIDEO CAMERA PLACEMENT SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. FOR FINAL PAVEMENT MARKINGS REFER TO THE PROJECT PAVEMENT MARKING PLANS.
4. ALL REMOVED EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
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 HANDHOLES AND CONDUIT SHALL BE TRENCHED PRIOR TO POURING THE SIDEWALK.
7. SEE DETAIL "A-A" FOR CROSSWALK HATCH PATTERN.

DETAIL "AA"
SCALE: 1"=20'

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

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REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
4 SHA NO. BA3125183 03/03 SIGNAL RECONSTRUCTION DUE TO GEOMETRIC IMPROVEMENTS	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 45 (YORK ROAD) AT REGESTER AVENUE

TSP-05

DRAWN BY:	F.A.P. NO. SEE TITLE SHEET	TS NO. 4233A	SHEET NO.
CHECKED BY:	S.H.A. NO. BA3125184		
SCALE: 1"=20'	COUNTY: BALTIMORE	T.I.M.S. NO. D963	OF
DATE:	LOG MILE: 03004500.45		