DRILL HOLES

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BORDER REV: DATE: June 1, 2004

BY: $USERNAME$

US 13 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

EXISTING SIGNS

17.18 North Blvd

19.20 ONLY

EXISTING VIDEO DETECTION CAMERAS

c.d

EXISTING SIGNALS TO BE REMOVED

EXISTING SIGNALS

3.6.9.12 — 12"

7.8.10.11 — 12"

PROPOSED SIGNALS

1.4 — 12"/8" L.E.D.

2.5 — 12" L.E.D.

13.14 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL

PROPOSED VIDEO DETECTION CAMERAS

a.b

PROPOSED AUDIBLE SIGNS

15 — PUSH BUTTON TO CROSS SALISBURY BLVD. / START CROSSING WATCH FOR TURNING CARS / DON'T START FINISH CROSSING IF STARTED / TIME REMAINING TO FINISH CROSSING / PROCEED TO FINISH CROSSING IF STARTED IN CROSSWALK / SALISBURY BLVD. IS BRAILLE TYPE 2

16 — PUSH BUTTON TO CROSS SALISBURY BLVD. / START CROSSING WATCH FOR TURNING CARS / DON'T START FINISH CROSSING IF STARTED / TIME REMAINING TO FINISH CROSSING / PROCEED TO FINISH CROSSING IF STARTED IN CROSSWALK / SALISBURY BLVD. IS BRAILLE TYPE 2

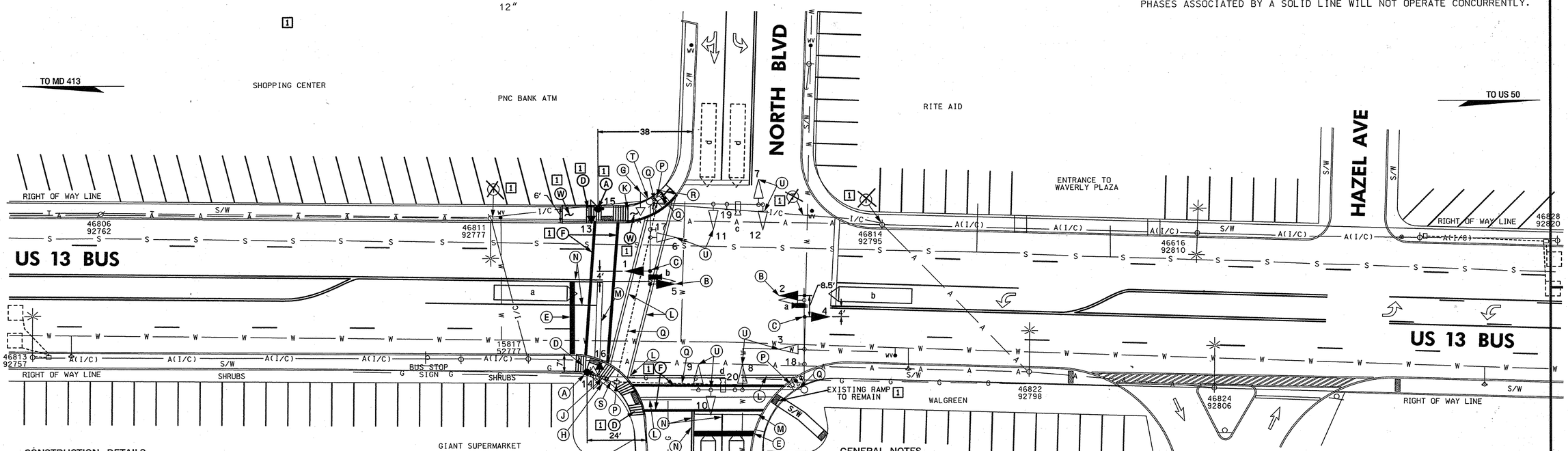
R10-3(1) 9" x 15"

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø4 ALT. FLASHING OPERATION

Ø5 Ø6 EMERGENCY PREEMPTION

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



SCALE: 1"=20'

CONSTRUCTION DETAILS

A. INSTALL MODIFIED PEDESTAL POLE BASE (MD 801.01) FOR 10' PEDESTAL POLE WITH BREAKAWAY COUPLINGS (MD 818.16-01). COUNTDOWN PEDESTRIAN SIGNAL HEAD. AUDIBLE TACTILE PUSHBUTTON STATION AND SIGN. (NOTE: ONE 2 IN. PVC SCHEDULE 80 CONDUIT BEND).
B. INSTALL NEW L.E.D. TRAFFIC SIGNAL HEAD ON EXISTING MAST ARM AND REMOVE EXISTING TRAFFIC SIGNAL HEAD.
C. INSTALL NEW L.E.D. TRAFFIC SIGNAL HEAD ON EXISTING MAST ARM.
D. INSTALL SIDEWALK RAMP PARALLEL (MD STD 655.12) AND DETECTABLE WARNING SURFACE (MD STD 655.40).
E. INSTALL 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
F. INSTALL 12" WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK.
G. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON ON EXISTING SIGNAL POLE.
H. REMOVE EXISTING PEDESTAL POLE. PEDESTRIAN SIGNAL HEAD. PUSHBUTTON. PUSHBUTTON SIGN AND REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
J. INSTALL 2" PVC SCHEDULE 80 CONDUIT - TRENCHED.
K. INSTALL 2" PVC SCHEDULE 80 CONDUIT - SLOTTED.
L. REMOVE EXISTING PAVEMENT MARKINGS (FOR CROSSWALK).
M. REMOVE EXISTING PAVEMENT MARKINGS (FOR STOP LINE).
N. REMOVE EXISTING PAVEMENT MARKINGS BETWEEN OLD AND NEW STOP LINE.
P. USE EXISTING HANDHOLE.
Q. USE EXISTING CONDUIT.
R. USE EXISTING CABINET AND CONTROLLER.
S. CAP AND ABANDON EXISTING CONDUIT.
~~T. DISCONNECT EXISTING INTERCONNECT RUN FROM THE NORTH. PULL BACK TO WOOD POLE #46014/ 92795 THEN RERUN TO TOP OF THE EXISTING MAST ARM AND BACK INTO THE EXISTING WEATHER HEAD.~~ [1]
U. INSTALL LED SIGNAL HEAD MODULE IN EXISTING SIGNAL HEAD.
V. REMOVE EXISTING PAVEMENT MARKING LETTERS.
W. INSTALL 5 INCH CONCRETE SIDEWALK WITH STANDARD TYPE A CURB AND GUTTER. [1]

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
IC — TRAFFIC SIGNAL INTERCONNECT
A(IC) — TRAFFIC SIGNAL INTERCONNECT AND AERIAL

GENERAL NOTES

1 THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.

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 REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.

4 THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

5 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.

6 ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 816.03. MD 818.01. MD 818.02. MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

[1] TEDD RED LINE #1 - RELOCATE RAMPS. REPLACE DAMAGED SIDEWALK. INSTALL ADDITIONAL PAVEMENT MARKINGS - 10/9/08

GENERAL NOTES CONT.

7 PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.

8 PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.

9. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION. "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET. THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED. APPROVED BY THE DIRECTOR. OFFICE OF TRAFFIC AND SAFETY.

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APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

3/2008 — SHA NO:XX4495185
UPGRADE TO E/P LEFT TURN PHASING NB & SB US 13 BUS., L.E.D. SIGNALS, APS AND CPS.
MH

4/2004 — SHA NO:XX1065185
INSTALL VIDEO DETECTION CAMERA FOR SIDE STREETS. INSTALL NEW BLACKFACE SIGNAL HEADS ON MAIN LINE AND REPLACE ALL PED EQUIPMENT.
MO WM RAR DAB BRK

02/2000
SIDE STREET SPLIT PHASING
KL

PLOTTED: $DATETIME$
FILE: $FILE$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

US 13 BUSINESS (SALISBURY BOULEVARD) AND NORTH BOULEVARD

WICOMICO COUNTY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' ADVERTISED DATE 06-24-84 CONTRACT NO. W1515A52

DESIGNED BY
DRAWN BY THOMAS ZAYDEL
CHECKED BY DENNIS DODA JR
F.A.P. NO.

COUNTY WICOMICO
LOGMILE 220001304.67
TIMS NO. I-867
TOD NO. XX10651-47

TS NO. 1936-C

SHEET NO. 1 OF 2