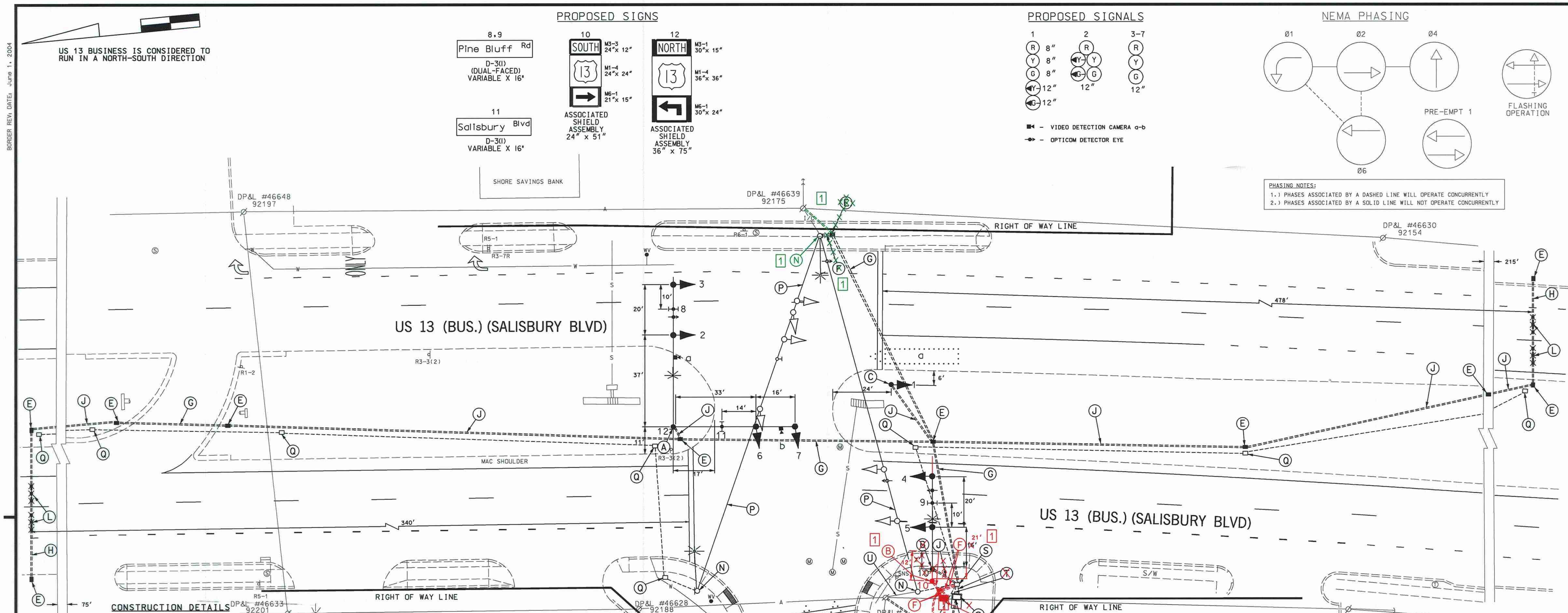

CONSTRUCTION DETAILS

A. Install 27' steel pole with twin 60'/50' mast arm, traffic signal heads, 20' lighting arm with 250 watt HPS (with photocell), pole mounted shield assembly, signs, video detection camera and opticom detector eye. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)

[1] B. Install 27' steel pole with single ~~30'~~ 50' mast arm, traffic signal heads, 20' lighting arm with 250 watt HPS (with photocell), pole mounted shield assembly, signs, video detection camera and opticom detector eye. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)

C. Install 14' pedestal pole with 5 section stack signal head. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)

D. Install metered pedestal for electrical utility service equipment.

E. Install handhole.

F. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

G. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

H. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).

J. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

K. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

L. Install non-invasive micro loop probe sets with 1000' lead-in cables.

[1] ~~M. Contractor shall remove existing lighting arm and use existing strain pole for interconnect cables. (Note: Contractor shall disconnect, pullback existing interconnect from existing cabinet to strain pole and reroute interconnect cables through proposed signal equipment as shown.)~~

N. Remove existing strain pole with all attached signal equipment and remove foundation 12" below grade with backfill. (Note: Contractor shall abandon existing conduit run(s).)

[1] O. ~~Contractor shall use existing base mounted cabinet.~~ (Note: Contractor shall also work with power company for the switch over to an underground power service.) Relocate existing base mounted cabinet to new foundation. SHA Forces shall relocate controller equipment.

P. Remove existing span wire and all attached signal equipment.

Q. Remove existing handhole and abandon existing conduit run.

R. Contractor shall tie proposed 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) into existing bend in existing cabinet for proposed power service

S. Use existing handhole.

T. Use existing conduit. (Note: Reroute signal wiring into relocated controller.) [1]

U. Power company shall remove existing overhead service and do a work with for the proposed service.

V. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) stub out at base of utility for electrical service.

GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. 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, and MD 818.04 The contractor shall verify ultimate grades prior to the installation of all signal equipment.
3. The contractor shall remove all unused wiring.
4. All handholes for the installation of non-invasive probes shall be placed perpendicular to the roadway.

[1] REDLINE REVISION 8/25/10
TEDD APPROVAL 9/14/2010

[1] GREENLINE REVISION 8/18/10
TEDD APPROVAL 9/14/2010

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A —
ELECTRIC — E —
TELEPHONE — T —
GAS — G —
SEWER — S —
WATER — W —
CABLE TV — TV —

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APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
C 4-15-09 TIMS#:J120
RECONSTRUCT TRAFFIC SIGNAL
SHA#:XX4435185
JWA
B 01/97
INSTALL EXCLUSIVE/ PERMISSIVE LEFT TURN PHASE FOR N/B US 13 (BUS)
WM DJD DAZ BRK GRS
A 8-30-85
REMOVED LAG LEFT TURN PHASE
BT DAZ ETP TH

PLOTTED: $DATETIME$
FILE: $FILE$

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

U.S 13 (BUS.) (SALISBURY BLVD) AND PINE BLUFF RD.

FRUITLAND, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 9-18-79 CONTRACT NO.

DESIGNED BY Bruce Thompson
DRAWN BY Bruce Thompson
CHECKED BY D. Zafiris
F.A.P. NO.
COUNTY WICOMICO
LOGMILE 22B01303.45
TIMS NO. J120
TOD NO.

TS NO. 1733C DRAWING NO. 1 OF 2 SHEET NO. OF

DRILL HOLES
DRILL HOLES
DRILL HOLES