DRILL HOLES

DRILL HOLES

DRILL HOLES

BORDER REV: DATE: June 1, 2004

EXISTING SIGNS

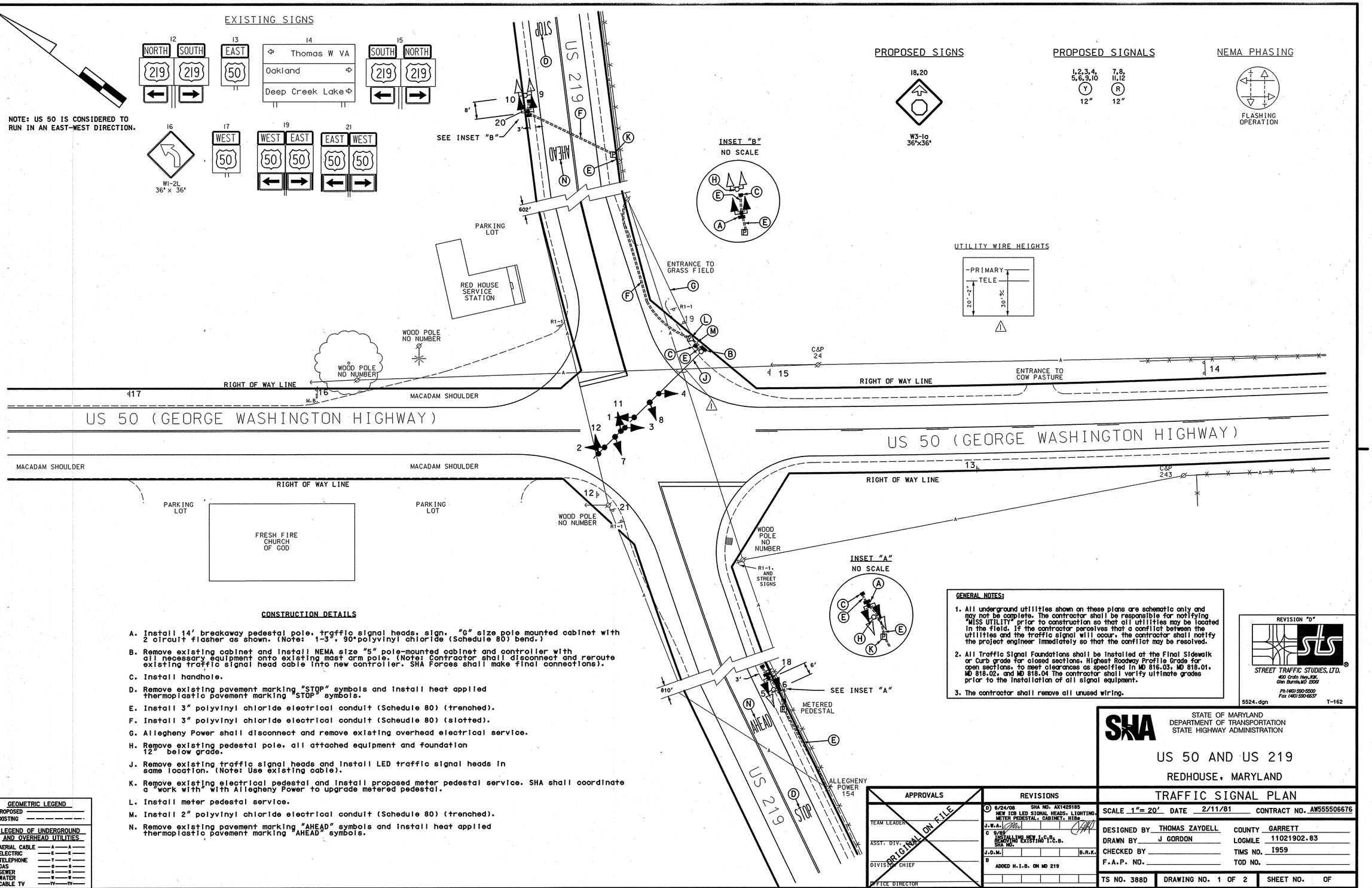
NOTE: US 50 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

PROPOSED SIGNS

PROPOSED SIGNALS

NEMA PHASING

FLASHING OPERATION



INSET "B"

NO SCALE

UTILITY WIRE HEIGHTS

INSET "A"

NO SCALE

CONSTRUCTION DETAILS

A. Install 14' breakaway pedestal pole, traffic signal heads, sign, "G" size pole mounted cabinet with 2 circuit flasher as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

B. Remove existing cabinet and install NEMA size "5" pole-mounted cabinet and controller with all necessary equipment onto existing mast arm pole. (Note: Contractor shall disconnect and reroute existing traffic signal head cable into new controller. SHA Forces shall make final connections).

C. Install handhole.

D. Remove existing pavement marking "STOP" symbols and install heat applied thermoplastic pavement marking "STOP" symbols.

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

F. Install 3" polyvinyl chloride electrical conduit (Scheudle 80) (slotted).

G. Allegheny Power shall disconnect and remove existing overhead electrical service.

H. Remove existing pedestal pole, all attached equipment and foundation 12" below grade.

J. Remove existing traffic signal heads and install LED traffic signal heads in same location. (Note: Use existing cable).

K. Remove existing electrical pedestal and install proposed meter pedestal service. SHA shall coordinate a "work with" with Allegheny Power to upgrade metered pedestal.

L. Install meter pedestal service.

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

N. Remove existing pavement marking "AHEAD" symbols and install heat applied thermoplastic pavement marking "AHEAD" symbols.

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.

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

REVISION "D"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.NW.
Glen Burnie,MD 21061
Ph.(410) 590-5500
Fax.(410) 590-5537

5524.dgn T-162

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

US 50 AND US 219

REDHOUSE, MARYLAND

TRAFFIC SIGNAL PLAN

APPROVALS	REVISIONS
TEAM LEADER	D 6/24/08 SHA NO. AX1426185 NEW ICB LED SIGNAL HEADS, LIGHTING, METER PEDESTAL, CABINET, HIBs J.W.A.
ASST. DIV.	C 9/89 INSTALLING NEW I.C.B. REMOVING EXISTING I.C.B. SHA NO. J.D.M. B.R.K.
DIVISION CHIEF	B ADDED H.I.B. ON MD 219
OFFICE DIRECTOR	

ORIGINAL ON FILE

PLOTTED: $DATETIME$
FILE: $FILE$

SCALE 1"= 20' DATE 2/11/81 CONTRACT NO. AW555506676

DESIGNED BY THOMAS ZAYDELL
DRAWN BY J GORDON
CHECKED BY
F.A.P. NO.

COUNTY GARRETT
LOGMILE 11021902.83
TIMS NO. 1959
TOD NO.

TS NO. 388D | DRAWING NO. 1 OF 2 | SHEET NO. OF

TOD No. AX142-20
SHA No. GA376A52/B52

...\5000\5524\5524.dgn 6/24/2008 2:21:46 PM