PROPOSED SIGNS

16 — R3-5L ONLY 30"x36"

13 — R3-5R ONLY 30"x36"

15a,15b, 17a, 17b — George Clauss BLVD — D3-2 DUAL FACE SIGN VAR.x16"

12a,12b,14a,14b — Quarterfield Pk. DR — D3-2 DUAL FACE SIGN VAR.x16"

NOTE:
CONTRACTOR SHALL CONFIRM STREET NAMES PRIOR TO SIGN FABRICATION

PROPOSED SIGNALS

1 — 8"/12"

2 — 12"

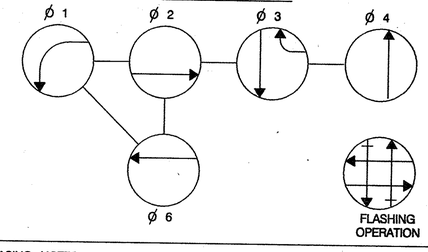
1 4,5,11 ~~3-5,11~~ — 12"

1 X3 — 12"

6,9 — 12"/8"

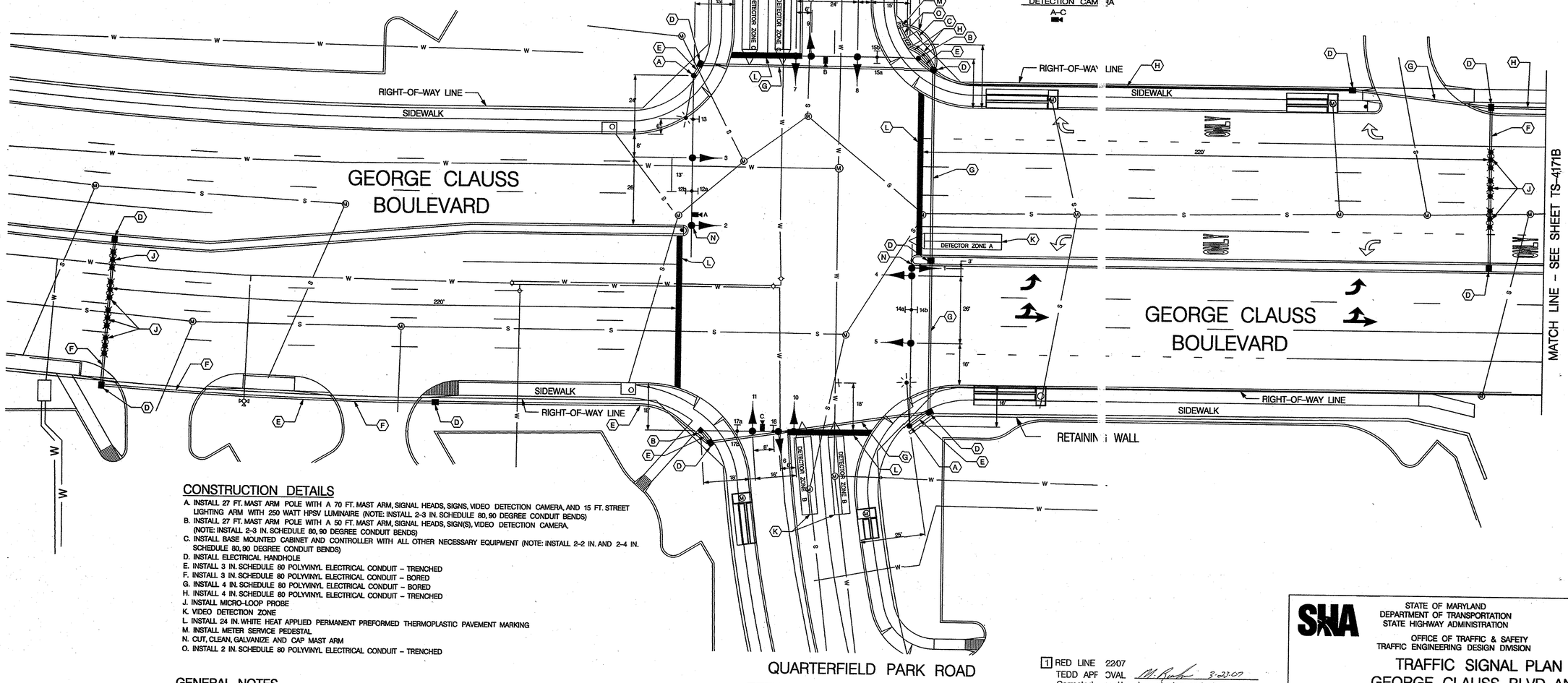
7,10 — 12"

NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

GEORGE CLAUSS BLVD. IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



CONSTRUCTION DETAILS

A. INSTALL 27 FT. MAST ARM POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
B. INSTALL 27 FT. MAST ARM POLE WITH A 50 FT. MAST ARM, SIGNAL HEADS, SIGN(S), VIDEO DETECTION CAMERA, (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
C. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT (NOTE: INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
D. INSTALL ELECTRICAL HANDHOLE
E. INSTALL 3 IN. SCHEDULE 80 POLYVINYL ELECTRICAL CONDUIT – TRENCHED
F. INSTALL 3 IN. SCHEDULE 80 POLYVINYL ELECTRICAL CONDUIT – BORED
G. INSTALL 4 IN. SCHEDULE 80 POLYVINYL ELECTRICAL CONDUIT – BORED
H. INSTALL 4 IN. SCHEDULE 80 POLYVINYL ELECTRICAL CONDUIT – TRENCHED
J. INSTALL MICRO-LOOP PROBE
K. VIDEO DETECTION ZONE
L. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
M. INSTALL METER SERVICE PEDESTAL
N. CUT, CLEAN, GALVANIZE AND CAP MAST ARM
O. INSTALL 2 IN. SCHEDULE 80 POLYVINYL ELECTRICAL CONDUIT – TRENCHED

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD 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 UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO 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 CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THTE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. FOR ADDITIONAL SIGNING AND PAVEMENT MARKING SEE PLAN SHEETS SN-1 AND SN-2.
4. INSTALL CONDUIT AND DETECTION PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.

TRAFFIC CONCEPTS INC.
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1 RED LINE 2/2/07
TEDD APPROVAL 3-23-07
Corrected signal head numbering and phase chart

APPROVAL		REVISIONS
Jeffrey A. Henke — TEAM LEADER		
Mickey Rucker — ASST. DIV. CHIEF	6/28/06	
Mickey Rucker for — DIVISION CHIEF	6/28/06	
Tom Hicks 75 — OFFICE DIRECTOR		

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
GEORGE CLAUSS BLVD. AND QUARTERFIELD PARK ROAD

SCALE 1"=20' DATE 2-10-06 CONTRACT NO. BW 996M82

DESIGNED BY T. ZAYDEL
DRAWN BY T. ZAYDEL
CHECKED BY K. SCHMID SMH
F.A.P. NO.

COUNTY ANNE ARUNDEL
LOGMILE
T.I.M.S. NO.
TOD NO. NA

DRAWING NO. TS-4491 SHEET NO. OF