

MD 139 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

SIGNS

15 Towsontown BLVD D-3(2) (VARIABLE x 12")

17a, 17b Towsontown BLVD DUAL FACED D-3(2) (VARIABLE x 12")

16 LEFT TURN ONLY R10-5 (18" x 24")

18 SOUTH MARYLAND 139 ASSOCIATED SHIELD ASSEMBLY (48" x 75")

19, 21 ONLY R3-5(L) (30" x 36")

20 Charles ST D-3(2) (VARIABLE x 12")

22, 23 R4-7 (24" x 30")

OM-1(1) (18" x 18")

M3-2 (30" x 15")

M1-5 (48" x 36")

M6-1 (30" x 24")

VIDEO DETECTION CAMERAS

A-C

(NOTE: DZ = DETECTION ZONE)

SIGNAL HEADS

1-3, 7-9, 11 R Y G 12" 12" 12"

5, 6 R Y G 12" 12" 12"

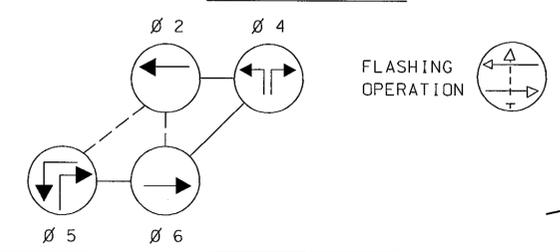
10, 12 R Y G 12" 12" 12"

4 R Y G 12" 12" 12"

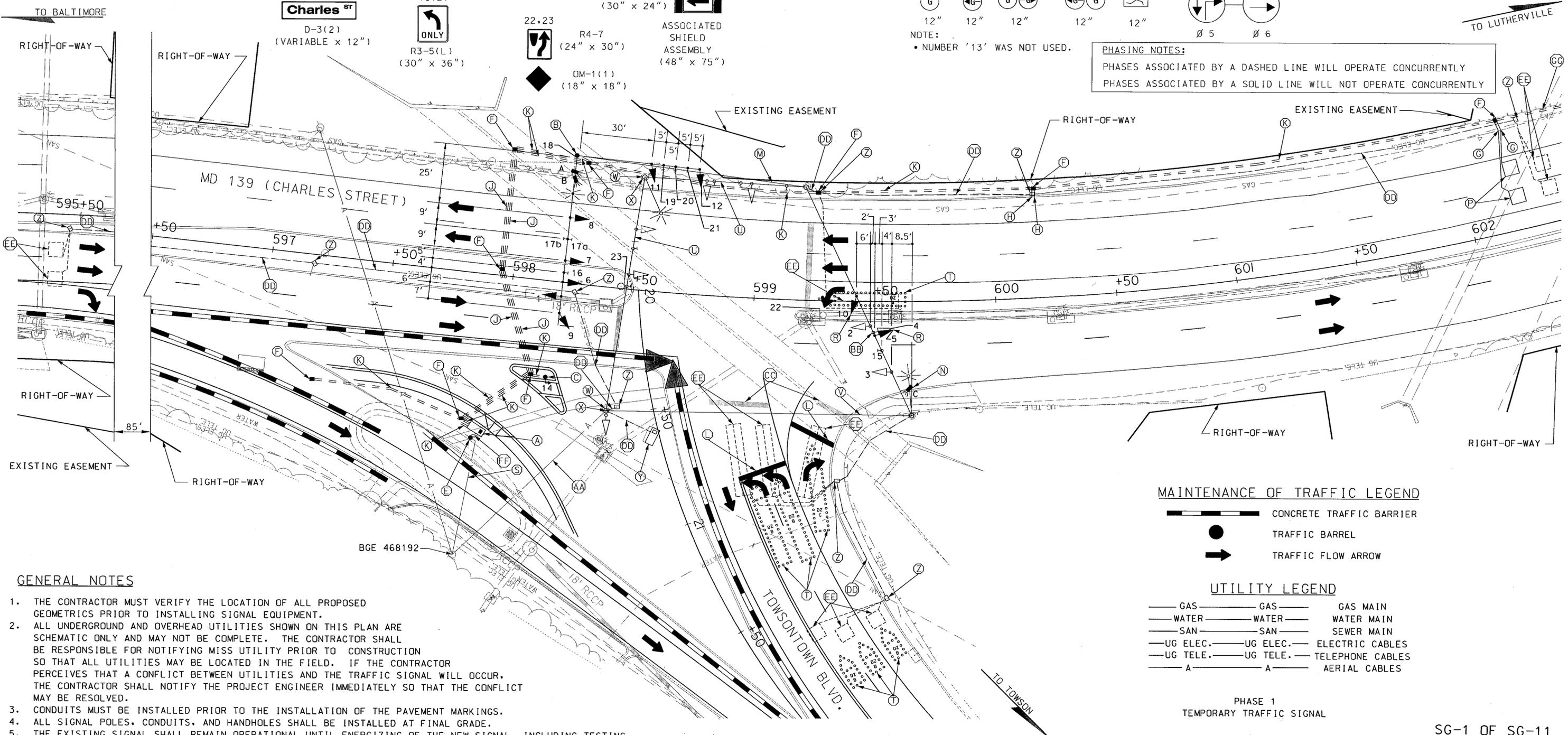
14 H W 12" 12"

NOTE: NUMBER '13' WAS NOT USED.

NEMA PHASING



PHASING NOTES:
 PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
 PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



GENERAL NOTES

1. THE CONTRACTOR MUST VERIFY THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN 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 THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. CONDUITS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
4. ALL SIGNAL POLES, CONDUITS, AND HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
5. THE EXISTING SIGNAL SHALL REMAIN OPERATIONAL UNTIL ENERGIZING OF THE NEW SIGNAL, INCLUDING TESTING, IS COMPLETE.
6. THE INTERSECTION IS LOCATED WITHIN SHA-OWNED RIGHT-OF-WAY (OFF PLAN SHEET LIMITS).
7. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH MR. CHRIS JEDNORSKI AT SHA (410-787-4057) FOR THE TRAFFIC SIGNAL POWER FEED.
8. ALL EXISTING UNUSED ELECTRICAL CABLES SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
9. SIGNS '15', '22', AND '23' ARE EXISTING SIGNS. ALL THREE SIGNS ARE SHOWN FOR REFERENCE PURPOSES ONLY.

MAINTENANCE OF TRAFFIC LEGEND

- CONCRETE TRAFFIC BARRIER
- TRAFFIC BARREL
- ➔ TRAFFIC FLOW ARROW

UTILITY LEGEND

- GAS — GAS — GAS MAIN
- WATER — WATER — WATER MAIN
- SAN — SAN — SEWER MAIN
- UG ELEC. — UG ELEC. — ELECTRIC CABLES
- UG TELE. — UG TELE. — TELEPHONE CABLES
- A — A — AERIAL CABLES

PHASE 1
TEMPORARY TRAFFIC SIGNAL

SG-1 OF SG-11

R&K RUMMEL, KLEPPER & KAHL, LLP
 CONSULTING ENGINEERS
 81 MOSHER STREET
 BALTIMORE, MARYLAND 21217
 TELE: (410) 728-2900 FAX: (410) 728-3160

REVISIONS		APPROVALS	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 139 (CHARLES STREET) AND TOWSONTOWN BLVD.
 TOWSON, MARYLAND

DRAWN BY: C.L. / V.Y.	F.A.P. NO. -	SEE TITLE SHEET	TS NO. 1842 B	SHEET NO. 34 OF 59
CHECKED BY: J.W.E.	S.H.A. NO. -	COUNTY: BALTIMORE	T.I.M.S. NO. E546	
SCALE: 1"=20'	LOG MILE: 03013901.81			
DATE: JULY 1982				