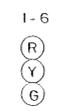
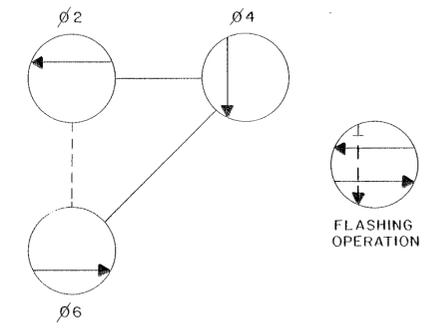


|                     |       |                    |           |              |
|---------------------|-------|--------------------|-----------|--------------|
| F.H.W.A. REGION NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
| 3                   | MD.   |                    | 1         | 5            |

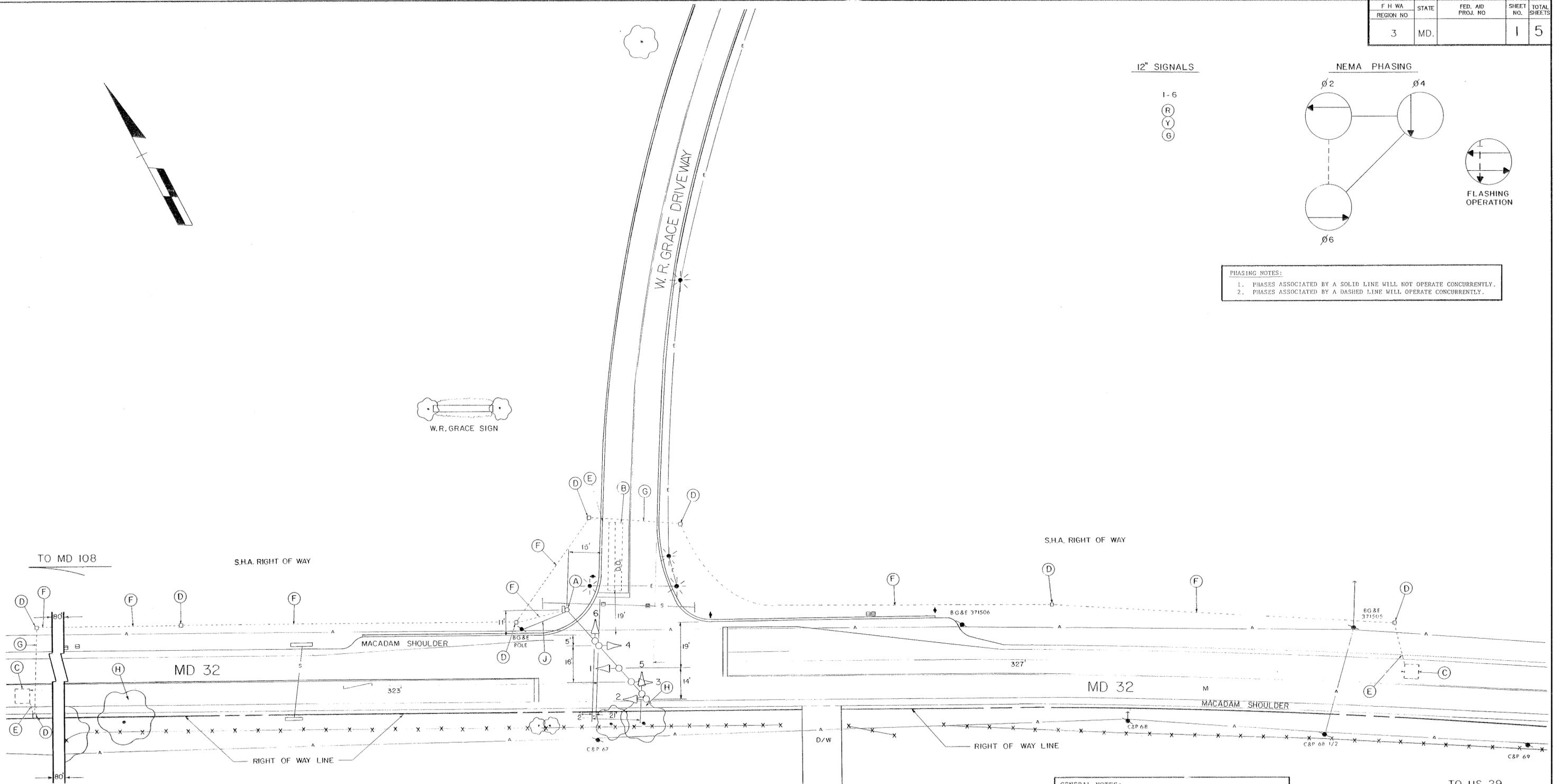
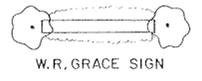
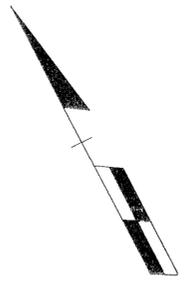
12" SIGNALS



NEMA PHASING



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



GENERAL NOTES:  
 1. All pavement markings shown are proposed and will be installed by others.  
 2. "D.O." indicates delay output loop detectors.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

STREET TRAFFIC STUDIES, LTD.  
 Suite 295, Commercecenter East  
 1777 Reisterstown Road  
 Baltimore, MD 21208

| REVISIONS | APPROVALS  |
|-----------|--|
|           | <i>[Signature]</i><br>CHIEF, SIGNAL DESIGN SECTION                     |
|           | <i>[Signature]</i> 4/21/87<br>ASST. DISTRICT ENGINEER, TRAFFIC         |
|           | <i>[Signature]</i> 4-20-87<br>CHIEF, BUREAU OF TRAFFIC ENGINEERING     |
|           | <i>[Signature]</i> 4/24/87<br>DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC |

MARYLAND DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION — OFFICE OF TRAFFIC  
 BUREAU OF TRAFFIC ENGINEERING

MD 32 AND  
 W.R. GRACE DRIVEWAY

COLUMBIA COUNTY: HOWARD

DRAWN BY: S. THACKER  
 DES. BY: R. ZACHERL  
 CHK. BY: *[Signature]* 4-20-87

DATE: 3-24-87 F.A.P. NO.:  
 SCALE: 1" = 20' S.H.A. NO.: BW-918-801-712

TS/FILE NO.: TS-2306  
 SHEET NO.: 1 OF 5

13003208.04