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

## CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT.(CUT TO 42 FT.)/50 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, SIGN AND 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS IN POLE BASE).
B. INSTALL 27 FT. STEEL POLE WITH A 40 FT MAST ARM, TRAFFIC SIGNAL HEADS, PHOTOCELL, SIGN AND 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).
C. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET WITH CONCRETE PAD, TWO-CIRCUIT FLASHER UNIT AND CONTROL AND DISTRIBUTION EQUIPMENT (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS).
D. INSTALL HANDHOLE.
E. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE AND 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED TELEPHONE SERVICE. CAP AND MARK CONDUITS AT UTILITY POLE.
F. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
G. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
H. CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
J. REMOVE EXISTING PAVEMENT MARKINGS.
K. RELOCATE EXISTING W2-2 AND "FAIRFIELD ROAD" SIGNS AND SUPPORT 175 FT. SOUTH OF PRESENT LOCATION.
L. INSTALL 6 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE.
M. REMOVE EXISTING PAVEMENT MARKING ARROW.
N. REMOVE EXISTING PAVEMENT MARKING "ONLY".
O. INSTALL 6 IN. SKIP WHITE (10 FT. LINE - 30 FT. GAP) PERMANENT PREFORMED PAVEMENT MARKING TAPE FOR 175 FT. ALONG TIGER DRIVE.
P. INSTALL 6 IN. YELLOW PERMANENT PREFORMED PAVEMENT MARKING TAPE (CENTER LINE).
Q. INSTALL 6 IN. SKIP WHITE (3 FT. LINE - 9 FT. GAP) PERMANENT PREFORMED PAVEMENT MARKING TAPE.
R. INSTALL PERMANENT PREFORMED PAVEMENT MARKING ARROW.

MD 272 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

### SIGNS

7-10

Tiger DR

D-3(1) (DUAL FACED) (VARIABLE x 16")

### SIGNAL HEADS

1-4 5,6

Y R

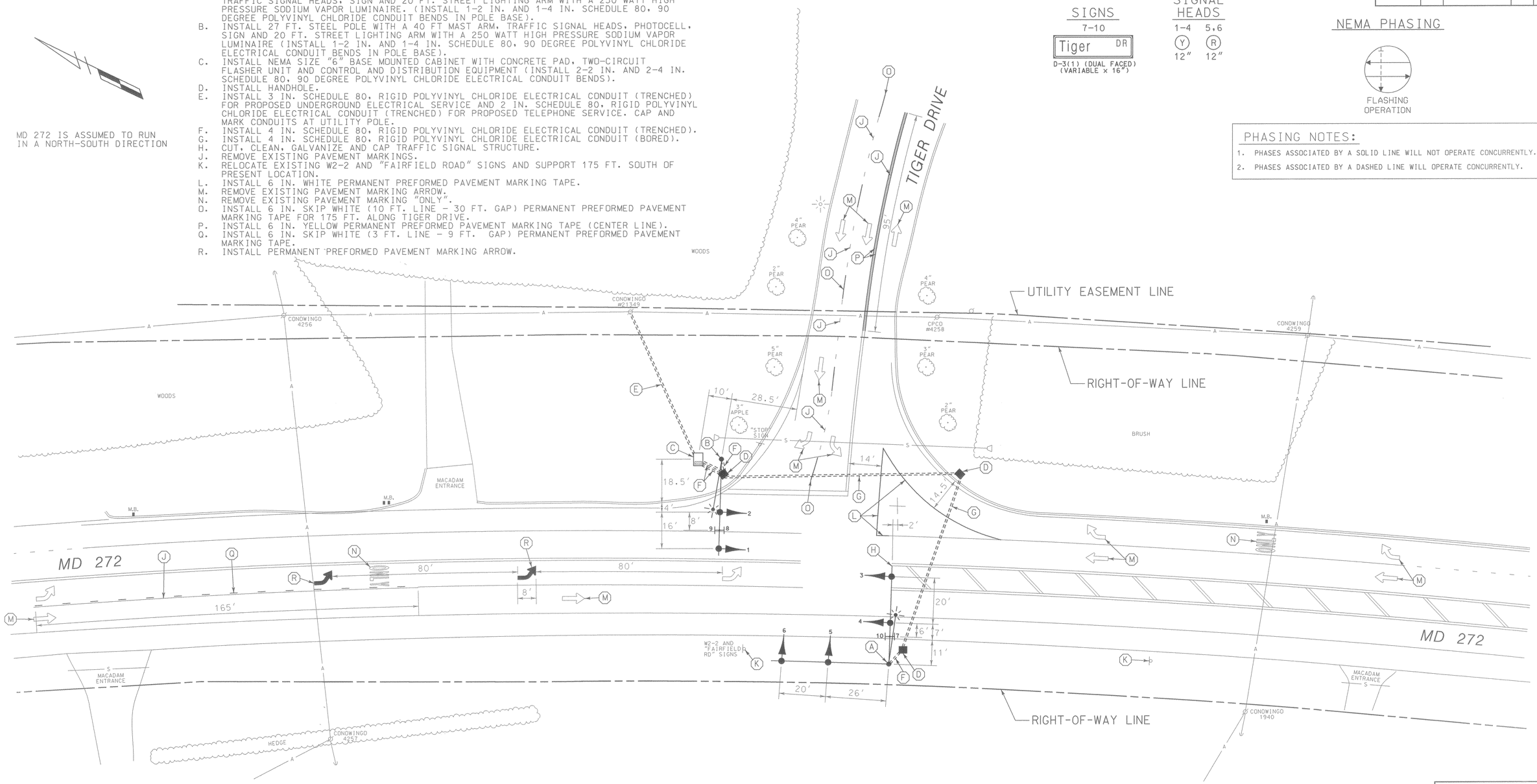
12" 12"

### NEMA PHASING

FLASHING OPERATION

### PHASING NOTES:

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




LOG MILE 07027218.40

## GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO THE 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 EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPOPRIATE PROJECT ENGINEER IMMEDIATELY.

### LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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


WR&A
Whitman, Requardt and Associates
Engineers and Planners
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450


| REVISIONS | APPROVALS | REVISIONS |
|---|---|---|
| | ASSISTANT DIVISION CHIEF 7/20/98 | |
| | ASST. DISTRICT ENGINEER, TRAFFIC | |
| | 7/20/98 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION | |
| | 7/21 DIRECTOR, OFFICE OF TRAFFIC & SAFETY | |

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 272 AND TIGER DRIVE

| | | | | | |
|---|---|---|---|---|---|
| DATE: 7-17-98 | DRAWN BY: S.BLOSS | F.A.P. NO. | | PLAN SHEET NO.: | SHEET NO. |
| SCALE: 1" = 20' | DESIGNED BY: N.LEARY | S.H.A. NO. | AW276A5C/AW276B5C | TS-3804 | 1 OF 2 |
| APPROVED BY: 7-17-98 | CHECKED BY: T.HANNAN | COUNTY | CECIL | | |