

PROJECT DESCRIPTION

I GENERAL
 THIS PROJECT INVOLVES THE INSTALLATION OF OPTICOM TRAFFIC CONTROL AT THE INTERSECTION OF MD 150 AT THE ENTRANCE TO AIR NATIONAL GUARD ARMORY IN BALTIMORE COUNTY. MD 150 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

II INTERSECTION OPERATION
 THE INTERSECTION OPERATES IN A NEMA THREE-PHASE, SEMI- ACTUATED MODE, WITH THE MD 150 APPROACHES OPERATING CONCURRENTLY. PERMISSIVE PHASING IS PROVIDED FOR BOTH DIRECTIONS OF MD 150 AND THE ENTRANCE TO THE AIR NATIONAL GUARD ARMORY. THERE ARE NO PEDESTRIAN SIGNALS PRESENT AT THE INTERSECTION. OPTICOM PRE-EMPTION WILL BE PROVIDED FOR THE EASTBOUND APPROACH OF MD 150.

EQUIPMENT LIST

| A. EQUIPMENT TO BE SUPPLIED BY THE STATE HIGHWAY ADMINISTRATION | | | |
|---|---------------|----------|--|
| ITEM NO. | CAT. CODE NO. | QUANTITY | DESCRIPTION |
| 1001 | 100000 | 1 EA | MAINTENANCE OF TRAFFIC |
| 8016 | 800000 | 1 EA | FURNISH AND INSTALL DISCRIMINATOR MODULE-4 CHANNEL |
| 8018 | 800000 | 1 EA | FURNISH AND INSTALL 3M OPTICOM #721 DETECTOR EYE |
| 8056 | 800000 | 355 LF | FURNISH AND INSTALL 4-CONDUCTOR OPTICOM DETECTOR CABLE |

| B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR | | | |
|---|---------------|----------|--|
| ITEM NO. | CAT. CODE NO. | QUANTITY | DESCRIPTION |
| 1001 | 100000 | 1 EA | MAINTENANCE OF TRAFFIC |
| 8016 | 800000 | 1 EA | FURNISH AND INSTALL DISCRIMINATOR MODULE-4 CHANNEL |
| 8018 | 800000 | 1 EA | FURNISH AND INSTALL 3M OPTICOM #721 DETECTOR EYE |
| 8056 | 800000 | 355 LF | FURNISH AND INSTALL 4-CONDUCTOR OPTICOM DETECTOR CABLE |

C. MATERIAL TO BE REMOVED AND RETURNED TO THE STATE HIGHWAY ADMINISTRATION
 ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

PHASING CHART

| | 1 | 2 | 3 | 4 | 5 | 6 | |
|--------------------|------|------|------|------|------|------|---|
| PHASE 2 + 6 | G | G | G | G | R | R | ← |
| 2 + 6 CHANGE | Y | Y | Y | Y | R | R | → |
| PHASE 4 | R | R | R | R | G | G | ↑ |
| 4 CHANGE | R | R | R | R | Y | Y | |
| FIRE HOUSE | R | R | G | G | R | R | → |
| PRE-EMPTION | R | R | Y | Y | R | R | |
| FLASHING OPERATION | FL/Y | FL/Y | FL/Y | FL/Y | FL/R | FL/R | ↕ |

PROJECT CONTACTS

MR. RANDALL SCOTT
 ASSISTANT DISTRICT ENGINEER - TRAFFIC
 410-321-2781

MR. STEVE MARCISZEWSKI
 ASSISTANT DISTRICT ENGINEER - MAINTENANCE
 410-321-2761

MRS. SUENETTE POPE
 ASSISTANT DISTRICT ENGINEER - UTILITY
 410-321-2841

MR. RICHARD DAFF
 CHIEF, TRAFFIC OPERATIONS DIVISION
 410-787-7630

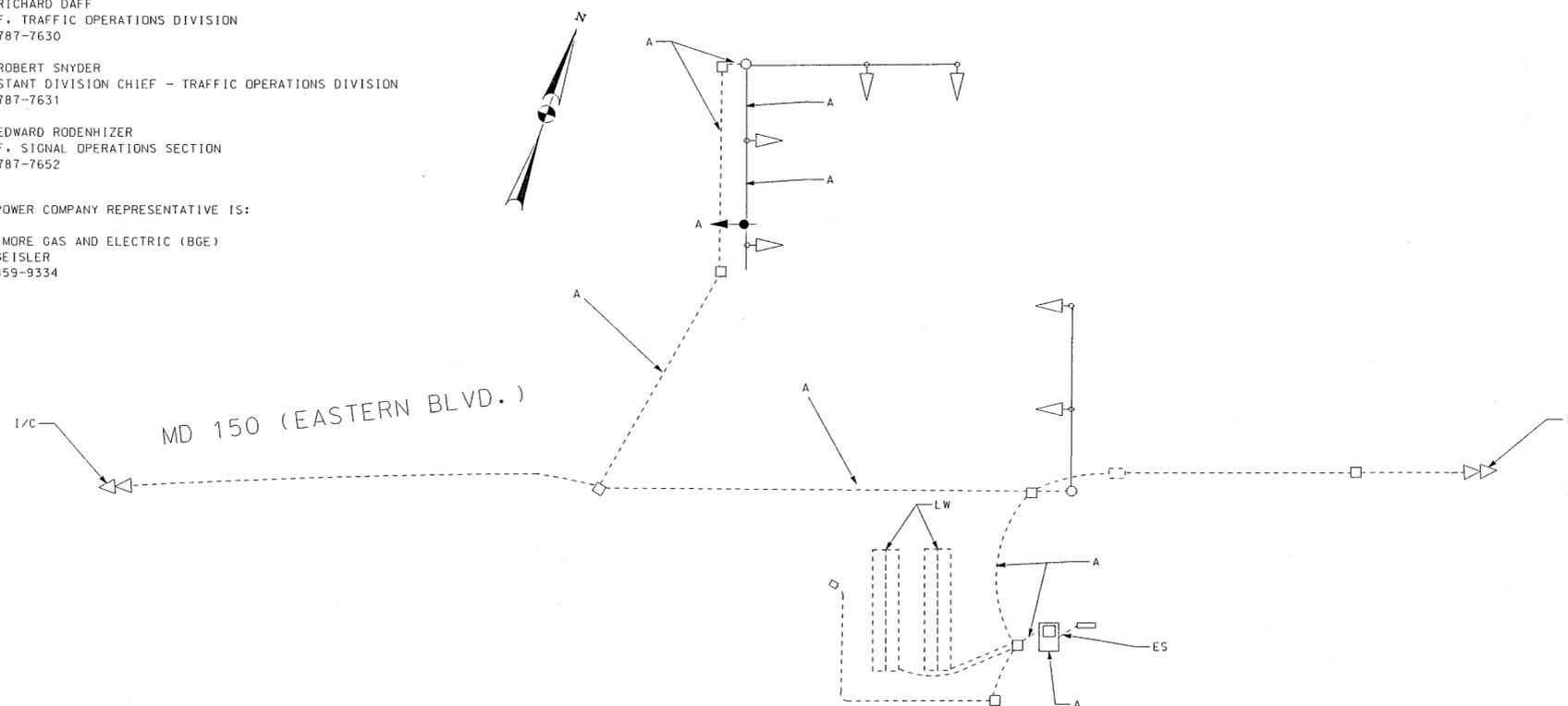
MR. ROBERT SNYDER
 ASSISTANT DIVISION CHIEF - TRAFFIC OPERATIONS DIVISION
 410-787-7631

MR. EDWARD RODENHIZER
 CHIEF, SIGNAL OPERATIONS SECTION
 410-787-7652

THE POWER COMPANY REPRESENTATIVE IS:

BALTIMORE GAS AND ELECTRIC (BGE)
 SUE GEISLER
 410-859-9334

WIRING DIAGRAM



WIRING KEY

- A = 4-CONDUCTOR OPTICOM DETECTOR CABLE
- LW = LOOP WIRE
- ES = EXISTING SERVICE
- I/C = INTERCONNECT CABLE

ENTRANCE TO
WARFIELD A.N.G.A.

| REVISIONS | |
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CE
 CENTURY ENGINEERING, INC.
 CONSULTING ENGINEERS - PLANNERS
 32 WEST ROAD
 TOWSON, MARYLAND 21204

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
 GENERAL INFORMATION SHEET
 MD 150 (EASTERN BOULEVARD) AND ENTRANCE TO AIR NATIONAL GUARD ARMORY
 BALTIMORE, MARYLAND

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|------------------|----------------------|-------------------|-----------|
| DESIGNED BY: CGD | F.A.P. NO. X 1069285 | TS NO. 2526B | SHEET NO. |
| CHECKED BY: TMH | COUNTY: BALTIMORE | T.I.M.S. NO. F487 | 10 OF 14 |
| SCALE: 1" = 20' | LOG MILE: 03015007.1 | | |
| DATE: 7/2003 | | | |