DRILL HOLES

DRILL HOLES

DRILL HOLES

MD 27 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNALS & SIGNS

1-4 5.6 7.8

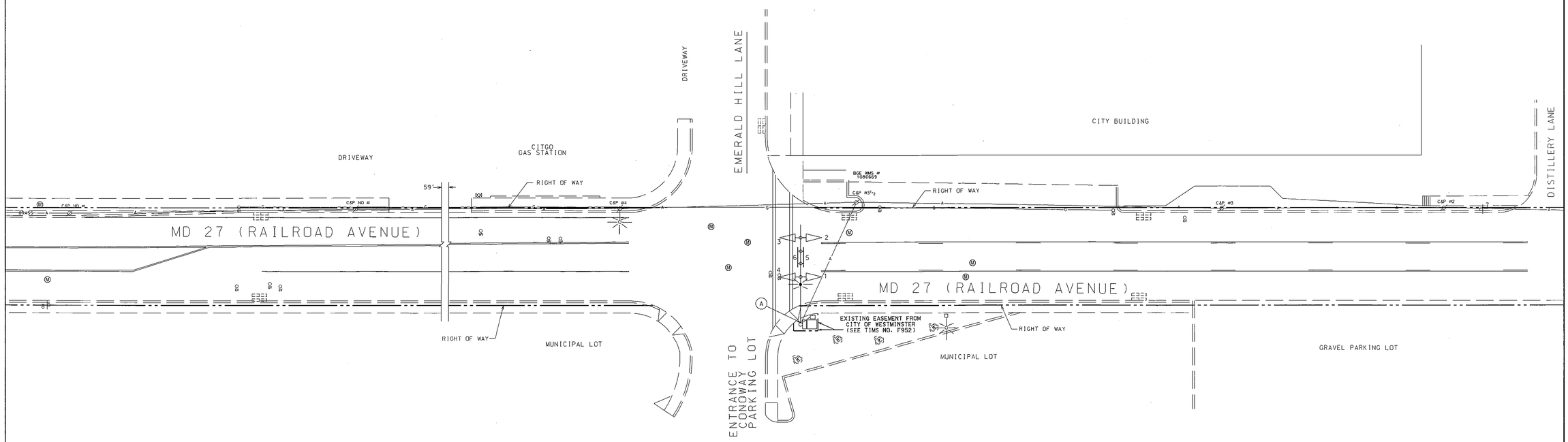
12" PED X-ING 42" x 96" 300 FEET

CONSTRUCTION DETAILS

A. INSTALL THE PROPOSED 15' LIGHTING ARM, AND LUMINAIRE ON THE EXISTING MAST ARM POLE.

OPERATIONAL NOTES:
1. SIGNAL HEADS 1-4 SHALL FLASH IN AN ALTERNATING PATTERN.
2. SIGNAL HEADS 1&3 SHALL FLASH TOGETHER AND SIGNAL HEADS 2&4 SHALL FLASH TOGETHER.

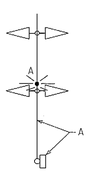
FLASHING OPERATION



TOD NO: XX651-05
SHA NO: CL240B51
MD 27; Emerald Hill Lane/Entr. To Conoway Parking Lot

WIRING DIAGRAM

A = 2-CONDUCTOR CABLE (NO. 12 AWG) - T/C



EQUIPMENT LIST:

B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8027	1 EACH	F & I 250 WATT HPS LAMP AND LUMINAIRE WITH PHOTOCELL
8037	45 L.F.	F & I ELECTRICAL CABLE - 2-CONDUCTOR (NO. 12 AWG) - T/C
8038	1 EACH	F & I 15' LIGHTING BRACKET ARM FOR TRAFFIC SIGNAL STRUCTURE

GEOMETRIC LEGEND

PROPOSED
EXISTING

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
D	STORM DRAIN

PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

MR. JOHN CONCANNON
ASSISTANT DISTRICT ENGINEER- TRAFFIC
PHONE: (301) 624-8140

MS. SUSAN PALMER
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 624-8105

MS. ANDREA ABEND
ASSISTANT DISTRICT ENGINEER - UTILITIES
PHONE: (301) 624-8115

MR. RICHARD DAFF
CHIEF. TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF. TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7631

MR. EDWARD RODENHIZER
CHIEF. SIGNAL OPERATIONS SECTION
PHONE: (410) 787-7652

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	(A) 01/2012 - ADD LIGHTING TO THE EXISTING MAST ARM POLE; SHA NO. XX6515185; TIMS NO. J877
OFFICE DIRECTOR	

ORIGINAL ON FILE

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 27 (RAILROAD AVENUE) AND EMERALD HILL LANE/ ENTRANCE TO CONOWAY PARKING LOT WESTMINSTER, MARYLAND

SCALE 1"= 20' DATE 07/01/2004 CONTRACT NO. AT3585185

DESIGNED BY: Chris Stein
DRAWN BY: Chris Stein
CHECKED BY: Amy Ball
F.A.P. NO.:

COUNTY: CARROLL
LOGMILE: 06002718.65
TIMS NO.: F952
TOD NO.:

DRAWING NO. 4323A - OF

SHEET NO. 1 OF 1