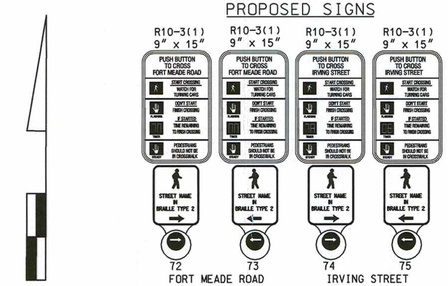
DRILL HOLES

BORDER REV. DATE: June 1, 2004

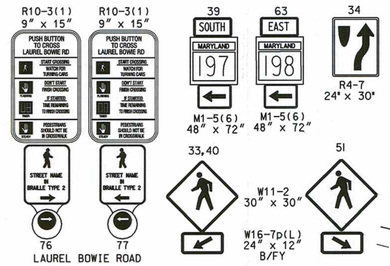
DRILL HOLES

DRILL HOLES

PROPOSED SIGNS



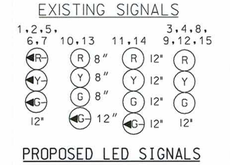
NOTE: MD 198 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION



EXISTING SIGNS

EXISTING SIGNS (TO BE REMOVED)

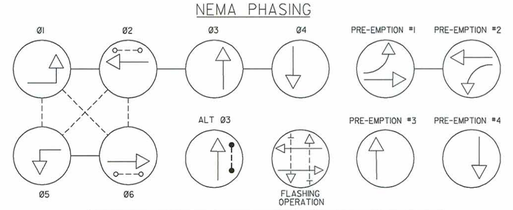
EXISTING SIGNALS



PROPOSED LED SIGNALS

EXISTING OPTICOM EYE

NEMA PHASING



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

CONSTRUCTION DETAILS

A. Install 10' pedestal pole (with breakaway coupling system, modified foundation STD No. 801.01-01), Countdown pedestrian signal head, and audible pushbutton with pedestrian education sign as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend.)

B. Use existing NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown. (Note: SHA Forces shall remove the existing Control Unit and install new 2-wire Control Unit into the cabinet).

1 C. ~~Install~~ handhole.

D. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

E. Remove existing pavement marking line.

F. Install proposed sidewalk ramp (Note: See Sheet 2 of 4 "ADA Ramp Detail Plan").

G. Install median cut thru. (Note: See Sheet 2 of 4 "ADA Ramp Detail Plan").

H. Use existing pedestal pole, remove existing pedestrian signal head and audible pushbutton. Install new Countdown pedestrian signal head and new audible pushbutton. (Note: Use existing wiring).

J. Install 12" white, heat applied permanent preformed thermoplastic pavement marking. (Crosswalk)

K. Remove existing pedestal pole, pedestrain signal, pushbutton and foundation 12" below grade. Cap and abandon existing conduit.

L. Remove existing curb and gutter and excavate median as shown.

M. Install standard type "A" combination curb and gutter (Standard no. MD 620.02) as shown.

N. Install roadway patch (6" aggregate base, 6" bituminous concrete base and 1.5" bituminous concrete surface) as shown.

O. Use existing strain pole.

P. Use existing span wire.

Q. Use existing conduit.

R. Use existing handhole.

S. Existing metered pedestal pole and service conduit to be maintained.

T. Existing underground service to be maintained by BGE.

U. Remove existing ground mounted sign as shown.

V. Install ground mounted sign as shown.

W. Install 10" white, heat applied preformed thermoplastic pavement marking. (2-5" wide markings)

X. Install 5" yellow, heat applied preformed thermoplastic pavement marking. (edge line)

Y. Install 5' white, heat applied preformed theroplastic pavement marking. (edge line)

1 Z. ~~Relocate~~ existing ground mounted sign as shown.

1 aa. Use existing pedestal pole. Remove existing pushbutton and sign and pedestrian signal head. Install Countdown pedestrian signal head and audible pushbutton with pedestrian education sign using existing wiring.

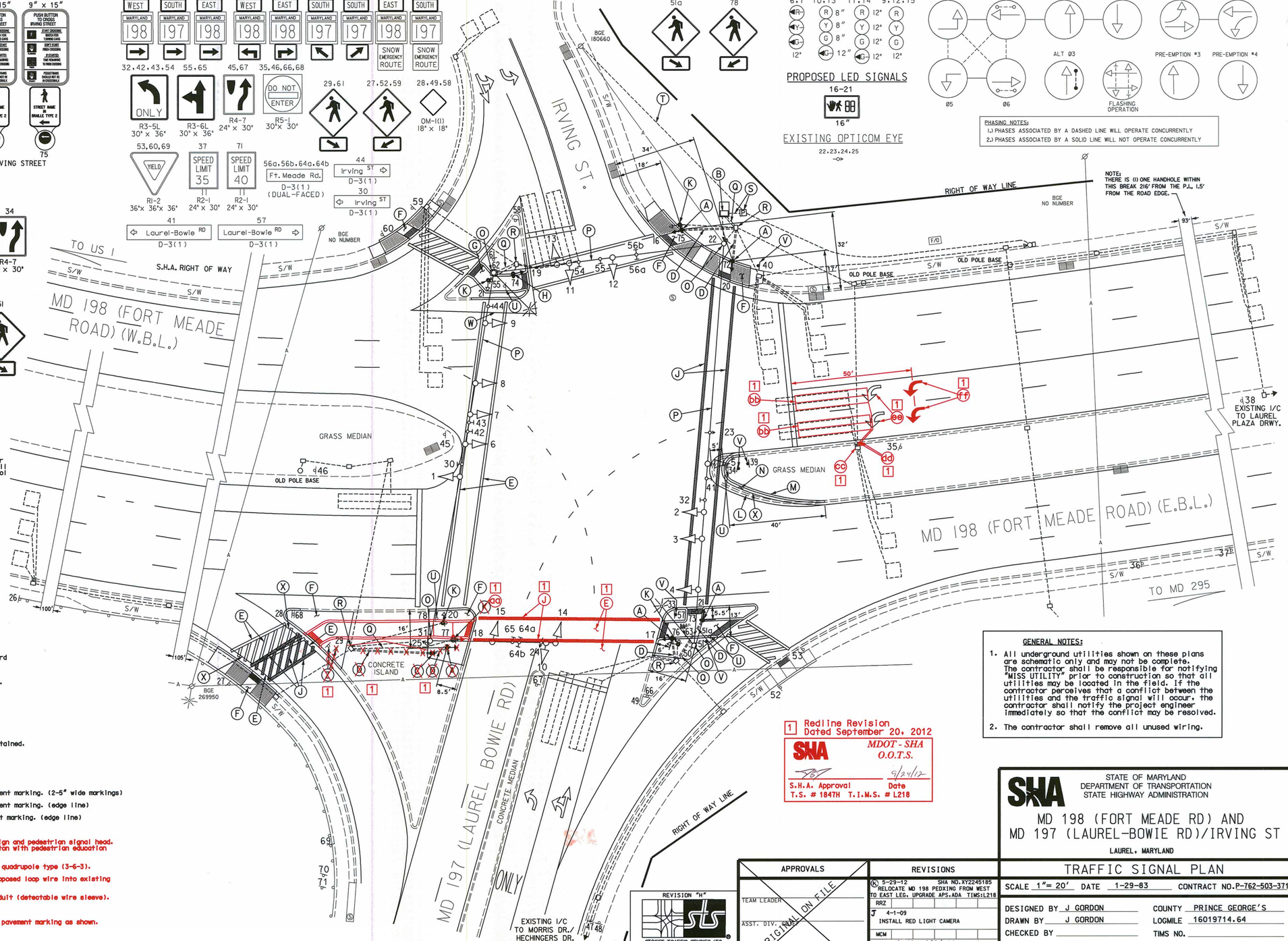
1 bb. Install 6'x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3).

1 cc. Disconnect existing presence loops in handhole and splice proposed loop wire into existing 2-conductor shielded cable.

1 dd. Install 1" liquid tight flexible non-metallic electrical conduit (detectable wire sleeve).

1 ee. Remove existing left turn arrow pavement marking.

1 ff. Install left turn arrow heat applied perforated thermoplastic pavement marking as shown.



NOTE: THERE IS (1) ONE HANDHOLE WITHIN THIS BREAK 216' FROM THE P.I., 1.5' FROM THE ROAD EDGE.

GENERAL NOTES:

1. All underground utilities shown on these plans 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 the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. The contractor shall remove all unused wiring.

1 Redline Revision Dated September 20, 2012

SHA MDOT - SHA O.O.T.S. 9/24/12

S.H.A. Approval Date

T.S. # 1847H T.I.M.S. # L218

REVISION "H"

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APPROVALS	
TEAM LEADER	ORIGINAL ON FILE
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS
K 5-29-12 SHA NO.XY2245185 RELOCATE MD 198 PEDXING FROM WEST TO EAST LEG. UPGRADE APS.ADA TIMS:L218 RRZ
J 4-1-09 INSTALL RED LIGHT CAMERA MCM
H Install APS/CPS & LED Signals PG#5051177 1-2006 MAM

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 198 (FORT MEADE RD) AND MD 197 (LAUREL-BOWIE RD)/IRVING ST

LAUREL, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 1-29-83 CONTRACT NO. P-762-503-371

DESIGNED BY J GORDON COUNTY PRINCE GEORGE'S
DRAWN BY J GORDON LOGMILE 16019714.64
CHECKED BY TIMS NO.
F.A.P. NO. TOD NO.

TS NO. 1847K | DRAWING NO. 1 OF 4 | SHEET NO. OF

PLOTTED: @DATETIME@
FILE: @FILE@

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