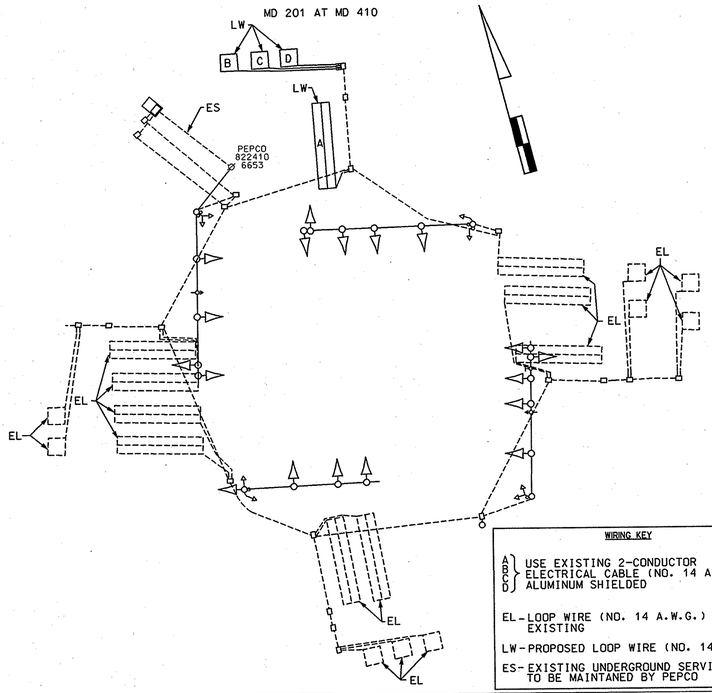
DRILL HOLES

BORDER REV: DATE: June 1, 2004

WIRING DIAGRAM

MD 201 AT MD 410



WIRING KEY

A B C D } USE EXISTING 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G) ALUMINUM SHIELDED

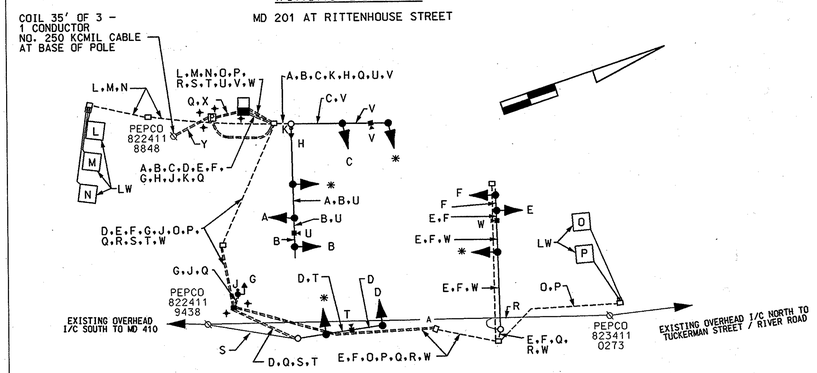
EL - LOOP WIRE (NO. 14 A.W.G.) EXISTING

LW - PROPOSED LOOP WIRE (NO. 14 A.W.G.)

ES - EXISTING UNDERGROUND SERVICE TO BE MAINTANED BY PEPCO

WIRING DIAGRAM

MD 201 AT RITTENHOUSE STREET



WIRING KEY

A B C D E F } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

G H } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

J K } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

L M N O P } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G) ALUMINUM SHIELDED

Q - STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)

R S } USE EXISTING INTERCONNECT CABLE AND REROUTE TO NEW CONTROLLER

T U V } PRE MANUFACTURED CAMERA TO CONTROLLER CABLE (250')

W - PRE MANUFACTURED CAMERA TO CONTROLLER CABLE (500')

X - (2)-1 CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)

Y - (3)-1 CONDUCTOR ELECTRICAL CABLE (NO. 250 KCMIL)

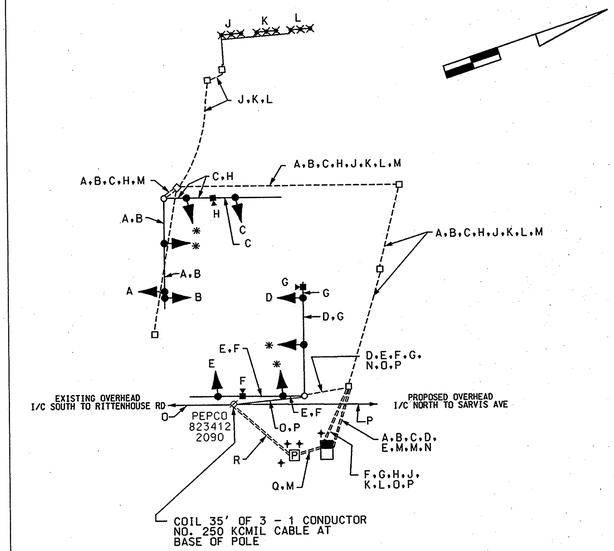
* - USE EXISTING CABLE

LW - PROPOSED LOOP WIRE (NO. 14 A.W.G.)

+ - GROUND ROD

WIRING DIAGRAM

MD 201 AT RIVER RD / TUCKERMAN ST



WIRING KEY

A B C D E } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

F G } PRE MANUFACTURED CAMERA TO CONTROLLER CABLE (250')

H - PRE MANUFACTURED CAMERA TO CONTROLLER CABLE (500')

J K L } PROPOSED MICRO PROBE LEAD IN CABLE (1000')

M - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)

N - USE EXISTING GROUND WIRE AND REROUTE TO NEW CONTROLLER

O - USE EXISTING INTERCONNECT CABLE AND REROUTE TO NEW CONTROLLER

P - 12-PAIR INTERCONNECT CABLE (OVERHEAD)

Q - (2)-1 CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)

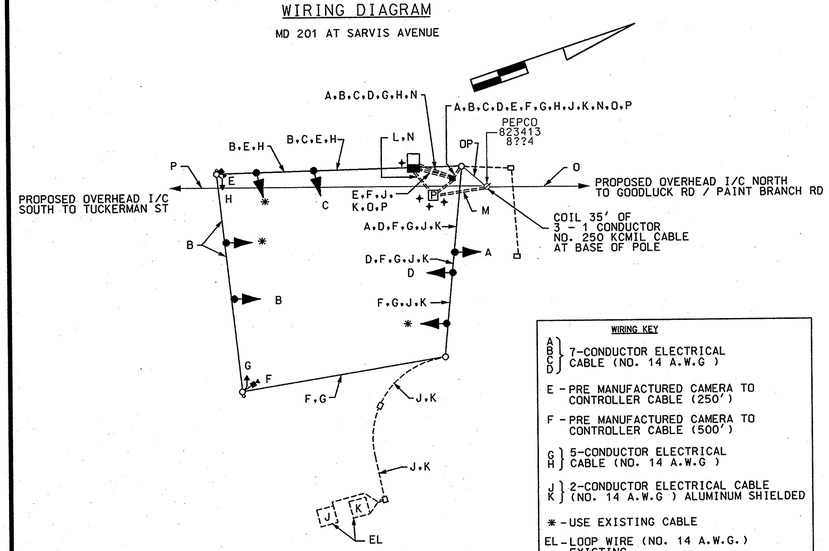
R - (3)-1 CONDUCTOR ELECTRICAL CABLE (NO. 250 KCMIL)

* - USE EXISTING CABLE

+ - GROUND ROD

WIRING DIAGRAM

MD 201 AT SARVIS AVENUE



WIRING KEY

A B C D } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

E - PRE MANUFACTURED CAMERA TO CONTROLLER CABLE (250')

F - PRE MANUFACTURED CAMERA TO CONTROLLER CABLE (500')

G H } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

J K } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G) ALUMINUM SHIELDED

* - USE EXISTING CABLE

EL - LOOP WIRE (NO. 14 A.W.G.) EXISTING

L - (2)-1 CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)

M - (3)-1 CONDUCTOR ELECTRICAL CABLE (NO. 250 KCMIL)

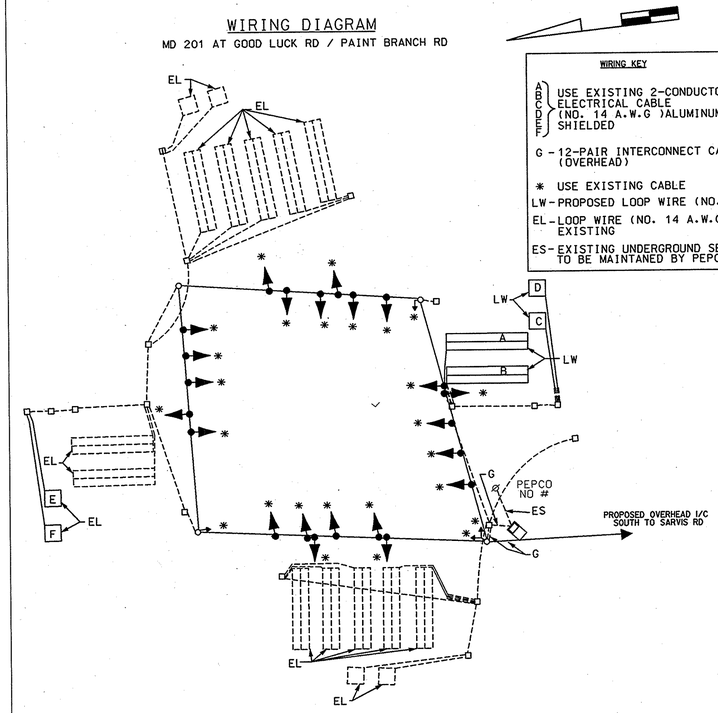
N - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)

O P } 12-PAIR INTERCONNECT CABLE (OVERHEAD)

+ - GROUND ROD

WIRING DIAGRAM

MD 201 AT GOOD LUCK RD / PAINT BRANCH RD



WIRING KEY

A B C D E F } USE EXISTING 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)ALUMINUM SHIELDED

G - 12-PAIR INTERCONNECT CABLE (OVERHEAD)

* USE EXISTING CABLE

LW - PROPOSED LOOP WIRE (NO. 14 A.W.G.)

EL - LOOP WIRE (NO. 14 A.W.G.) EXISTING

ES - EXISTING UNDERGROUND SERVICE TO BE MAINTANED BY PEPCO

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 410 (EAST WEST HWY) AND MD 201 (KENILWORTH AVE)

SCALE N/A DATE 6-20-05 CONTRACT NO. PG661A21

DESIGNED BY JA
DRAWN BY RC
CHECKED BY
F.A.P. NO.

COUNTY PRINCE GEORGE'S
LOGMILE
TIMS NO. G936
TOD NO.

TS NO. | DRAWING NO. OF | SHEET NO. 7 OF 7

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.-NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
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PLOTTED: @DATETIME@
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