MD 185 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNS TO REMAIN

12 — NO TURN ON RED — R10-11b 24"x24"

PROPOSED SIGNS

14,15 — W11-2 FY 36"x36" M6-2(1) FY 30"x24"

13,16 — W11-2 FY 36"x36" M6-2(1) FY 30"x24"

10a,11a — Lawrence AVE — D-3(1) 90"x16" DUAL FACED

10b,11b — Lawrence AVE — D-3(1) 90"x16" DUAL FACED

PROPOSED LED SIGNALS

1,2,3,4 — R Y G — 12"

5,6 — 16"

NEMA PHASING

Ø2 Ø4 Ø6

FLASHING OPERATION

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING SIGNS TO BE REMOVED

17,18 — 30"x30" 21"x15"

19,20 — 30"x30" 21"x15"

PUSH BUTTON FOR WALK SIGNAL — 9"x12" (1 EA.)

PUSH BUTTON TO CROSS — 9"x12" (1 EA.)

EXISTING SIGNALS TO BE REMOVED

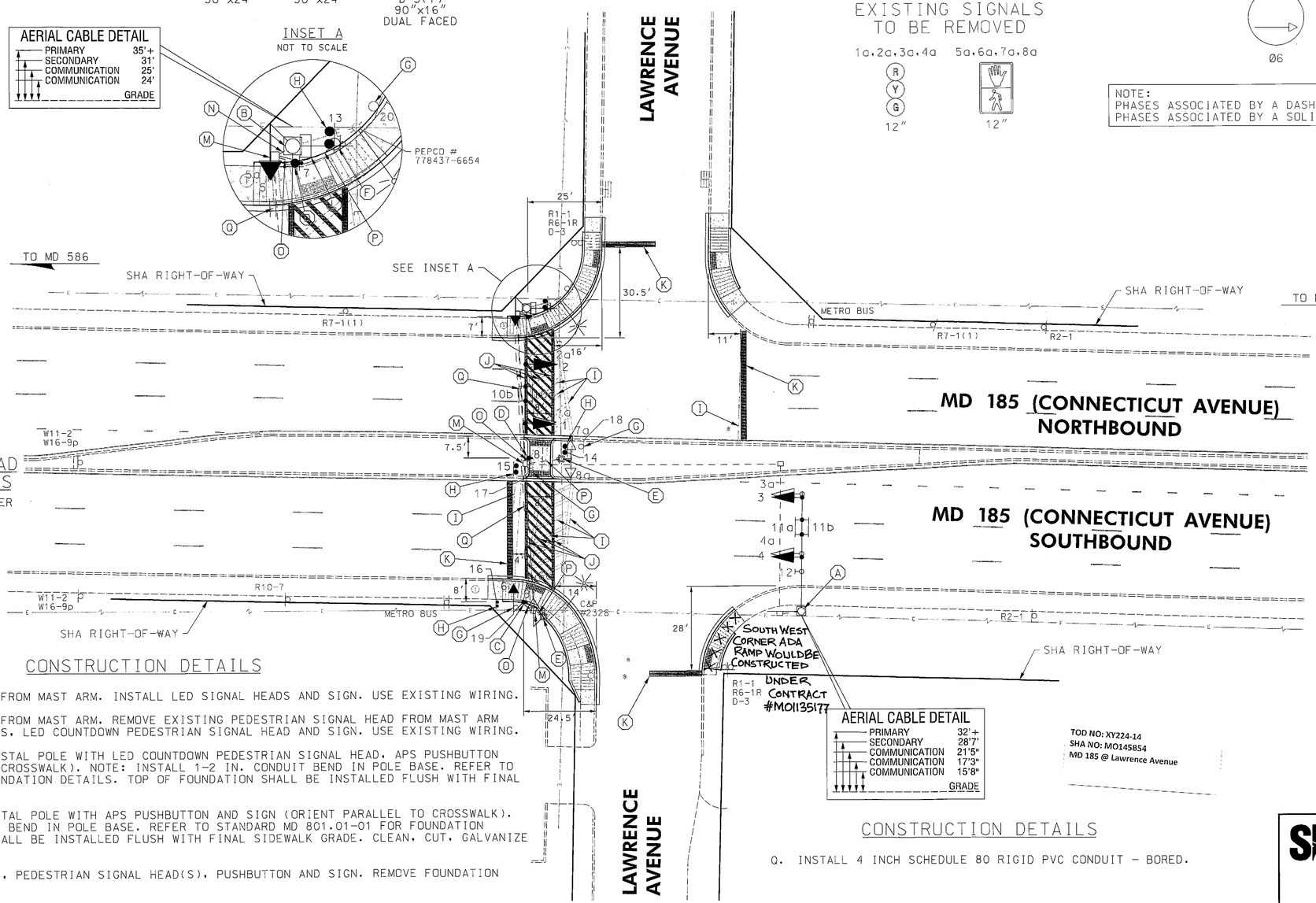
1a,2a,3a,4a — R Y G — 12"

5a,6a,7a,8a — 12"

AERIAL CABLE DETAIL

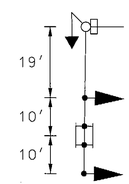
PRIMARY	35'+
SECONDARY	31'
COMMUNICATION	25'
COMMUNICATION	24'
GRADE	

INSET A
NOT TO SCALE



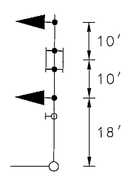
SIGNAL HEAD DIMENSIONS

NORTHEAST CORNER

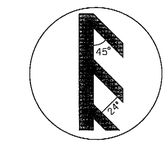


SIGNAL HEAD DIMENSIONS

SOUTHWEST CORNER



CROSSWALK DETAIL



PROPOSED ACCESSIBLE PUSHBUTTONS AND SIGNS

7 — CONNECTICUT AVENUE R10-3(1) 9"x15"

8 — CONNECTICUT AVENUE R10-3(1) 9"x15"

9 — CONNECTICUT AVENUE R10-3(1) 9"x15"

AERIAL CABLE DETAIL

PRIMARY	32'+
SECONDARY	28'7'
COMMUNICATION	21'5"
COMMUNICATION	17'3"
COMMUNICATION	15'8"
GRADE	

TOD NO: XY224-14
SHA NO: MO145854
MD 185 @ Lawrence Avenue

CONSTRUCTION DETAILS

A. REMOVE EXISTING SIGNAL HEADS FROM MAST ARM. INSTALL LED SIGNAL HEADS AND SIGN. USE EXISTING WIRING.

B. REMOVE EXISTING SIGNAL HEADS FROM MAST ARM. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD FROM MAST ARM POLE. INSTALL LED SIGNAL HEADS, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD AND SIGN. USE EXISTING WIRING.

C. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION DETAILS. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH FINAL SIDEWALK GRADE.

D. INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION DETAILS. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH FINAL SIDEWALK GRADE. CLEAN, CUT, GALVANIZE AND CAP SIGNAL STRUCTURE.

E. REMOVE EXISTING PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD(S), PUSHBUTTON AND SIGN. REMOVE FOUNDATION BELOW GRADE AND BACKFILL.

F. REMOVE EXISTING PEDESTAL POLE, PUSHBUTTON AND SIGN. REMOVE FOUNDATION BELOW GRADE AND BACKFILL.

G. REMOVE EXISTING GROUND MOUNTED SIGN.

H. INSTALL EXISTING GROUND MOUNTED SIGN ON 2-4 IN. X 6 IN. WOOD SIGN SUPPORTS (DRILLED).

I. REMOVE EXISTING PAVEMENT MARKING LINES.

J. INSTALL 12 INCH WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

K. INSTALL 24 INCH WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

L. USE EXISTING POLE MOUNTED CABINET. INSTALL 2-WIRE APS CENTRAL CONTROL UNIT.

M. USE EXISTING HANDHOLE.

N. USE EXISTING CONDUIT.

O. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

P. CAP AND ABANDON EXISTING CONDUIT.

Q. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
AERIAL ELECTRIC CABLES

RK&K
Rummel, Klepper & Kahl, LLP
81 MOSHER STREET | BALTIMORE, MD 21217
PH: (410) 728-2600 FAX: (410) 728-3160
Engineers Construction Managers Planners Scientists
www.rkk.com

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

REVISIONS
C — UPGRADE NORTH XING TO APS/CPS, RECONST. S/W RAMPS SHA NO. XY2245185, TIMS L-301 — 06-2012
B — RELOCATION OF PED. PUSHBUTTON ON NE CORNER SHA NO. AT2885185, TIMS F-769 — 09-2003
A — AS-BUILT M-958X-385 — 07-18-1974

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 185 (CONNECTICUT AVE) AT LAWRENCE AVE
GARRETT PARK, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 02-25-1976 CONTRACT NO. M203X-000-385

DESIGNED BY J.GORDON
DRAWN BY J.GORDON
CHECKED BY A.BUDNICHUK
FAP NO.
COUNTY MONTGOMERY
LOGMILE 15018504.76
TIMS NO.
TOD NO.

TS NO. 820C DRAWING SP-1 OF 2 SHEET NO. 1 OF 4

PLOTTED: Wednesday, June 27, 2012 AT 11:22 AM
FILE: \\rkkm\v2008\2008\08148_tcodes\Task 97_MD 185 at Lawrence\CADD\pSG-0001_MD185@Lawrence.dgn

BY: WFW