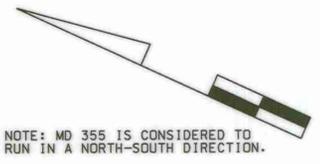
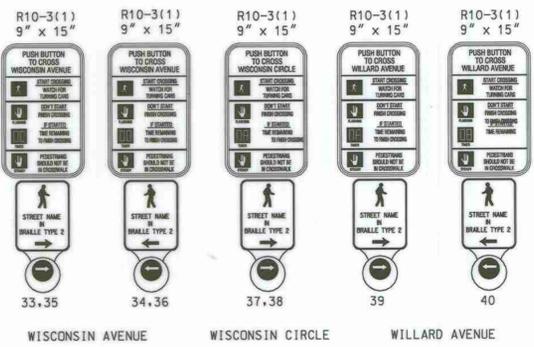
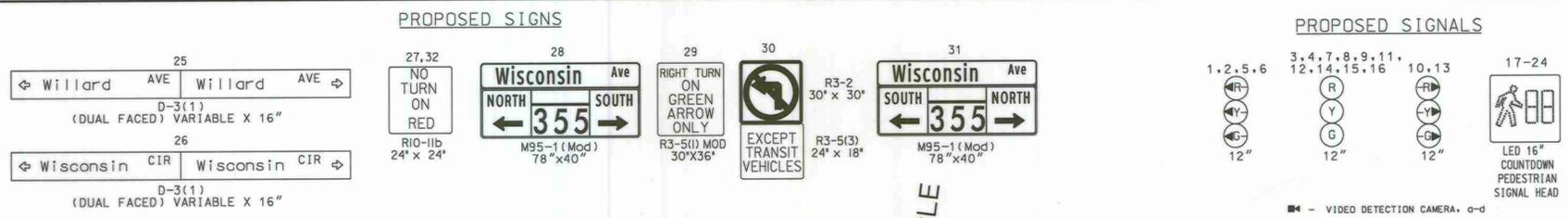


DRILL HOLES

BORDER REVISION DATE: June 1, 2004



NOTE: MD 355 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.



**AERIAL UTILITY HEIGHTS**

COMM/GUY	19'-6"
SECONDARY GUY WIRE	22'-2"
PRIMARY	32'-0"

**CONSTRUCTION DETAILS**

- A. Install 16.5' steel pole with a special 15' special "T" dimension, with 50' mast arm (cut to 30'), traffic signal heads, signs, and video detection camera. (Note: 1-4 90° polyvinyl chloride (Schedule 80) bend.)
- B. Install 16.5' steel pole with a special 15' special "T" dimension, with 50' mast arm, traffic signal head, signs, and video detection camera. (Note: 1-4 90° polyvinyl chloride (Schedule 80) bend.)
- C. Install 16.5' steel pole with a special 15' special "T" dimension, with 50' mast arm (cut to 30'), traffic signal heads, signs, video detection camera and pole mounted splice cabinet. (Note: 1-4 90° polyvinyl chloride (Schedule 80) bend.)
- D. Install 10' breakaway pedestal pole with breakaway coupling system (STD No. 801.01-01) countdown pedestrian signal heads and APS pushbuttons with pedestrian education signs. (Note: 1-3 90° polyvinyl chloride (Schedule 80) bend.)
- E. Install 10' breakaway pedestal pole with breakaway coupling system (STD No. 801.01-01) countdown pedestrian signal head and APS pushbutton with pedestrian education sign. (Note: 1-3 90° polyvinyl chloride (Schedule 80) bend.)
- F. Use existing NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.
- G. Install handhole.
- H. Contractor shall locate existing 4" conduit bends in existing cabinet and carefully stub out proposed 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched bends) for all proposed cables to be pulled in to existing cabinet and properly labeled with tags.
- J. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted).
- L. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- M. Use existing conduit.
- N. Use existing handhole.
- O. Remove existing handhole and cap any conduit runs associated with this handhole.
- P. Remove existing mast arm pole with foundation 12" below grade and backfill.
- Q. Remove existing pedestal pole with foundation 12" below grade and backfill.
- R. Remove existing mast arm pole and backfill with 5" sidewalk. (Note: It is attached to the coiling of the underground parking garage)
- S. Contractor shall disconnect existing 12 pair interconnect cable from existing cabinet pull back to this handhole and reroute through proposed conduit system back to existing cabinet.
- T. Install 14' breakaway pedestal pole with signal head, countdown pedestrian signal head, APS pushbutton and pedestrian education sign. (Note: 1-3 90° polyvinyl chloride (Schedule 80) bend.)

- GENERAL NOTES:**
- 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.
  - All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections, Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
  - All pavement markings shall be installed in accordance with SHA standards by others.
  - The contractor shall remove all unused wiring.
  - All signal poles, mast arms and pedestal poles shall be painted brown Std. 595a-20040.
  - Signal Contractor shall coordinate the installation of the signal equipment with the installation of the handicapped ramps and sidewalk.

Redline Revision No. 1  
7/11  
NEW SHEET

**SHA** MDOT-SHA  
O.O.T.S.

S.H.A. Approval Date 4/10/2011  
T.S. # 4348C T.I.M.S. # K329

**GEOMETRIC LEGEND**

PROPOSED	---
EXISTING	---
<b>LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES</b>	
AERIAL CABLE	---
ELECTRIC	---
TELEPHONE	---
GAS	---
SEWER	---
WATER	---
CABLE TV	---



**APPROVALS**

TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

ORIGINAL ON FILE

**REVISIONS**

© RECONSTRUCT TRAFFIC 3/25/11
SIGNAL SHA NO.: M05335177 TMS# K329
JWA 11/4/09
B INSTALL COUNTDOWN
PEDS SHA NO. XX4445185
JWA
A RELOCATE CONTROLLER TO SOUTH EAST QUADRANT
WTB KASN CPW BRK

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

**MD 355 AND WISCONSIN CIR/  
WILLARD AVE**

CHEVY CHASE, MARYLAND

**TRAFFIC SIGNAL PLAN**

SCALE 1" = 20' DATE 7/29/04 CONTRACT NO. \_\_\_\_\_

DESIGNED BY \_\_\_\_\_ COUNTY MONTGOMERY  
DRAWN BY WTB LOGMILE 15035590.06  
CHECKED BY CT TIMS NO. J369  
F.A.P. NO. \_\_\_\_\_ TOD NO. \_\_\_\_\_

TS NO. 4348C DRAWING NO. OF SHEET NO. 192A OF

PLOTTED: TUESDAY, MARCH 23, 2011 AT 09:01 AM  
FILE: J:\DATA\K329\PSSE\_PLANS\3.26.11\5907.DGN