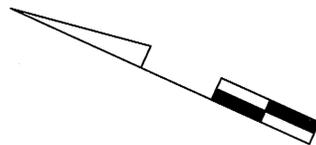


DRILL HOLES

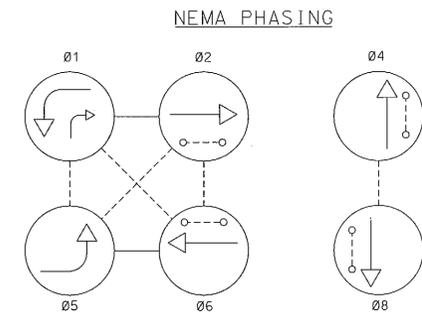
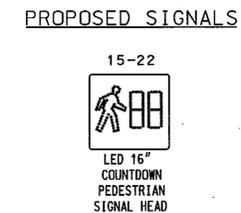
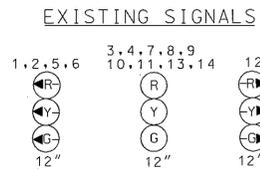
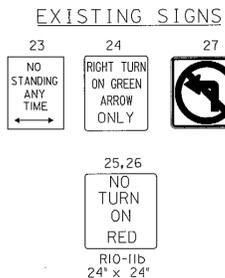
DRILL HOLES

DRILL HOLES

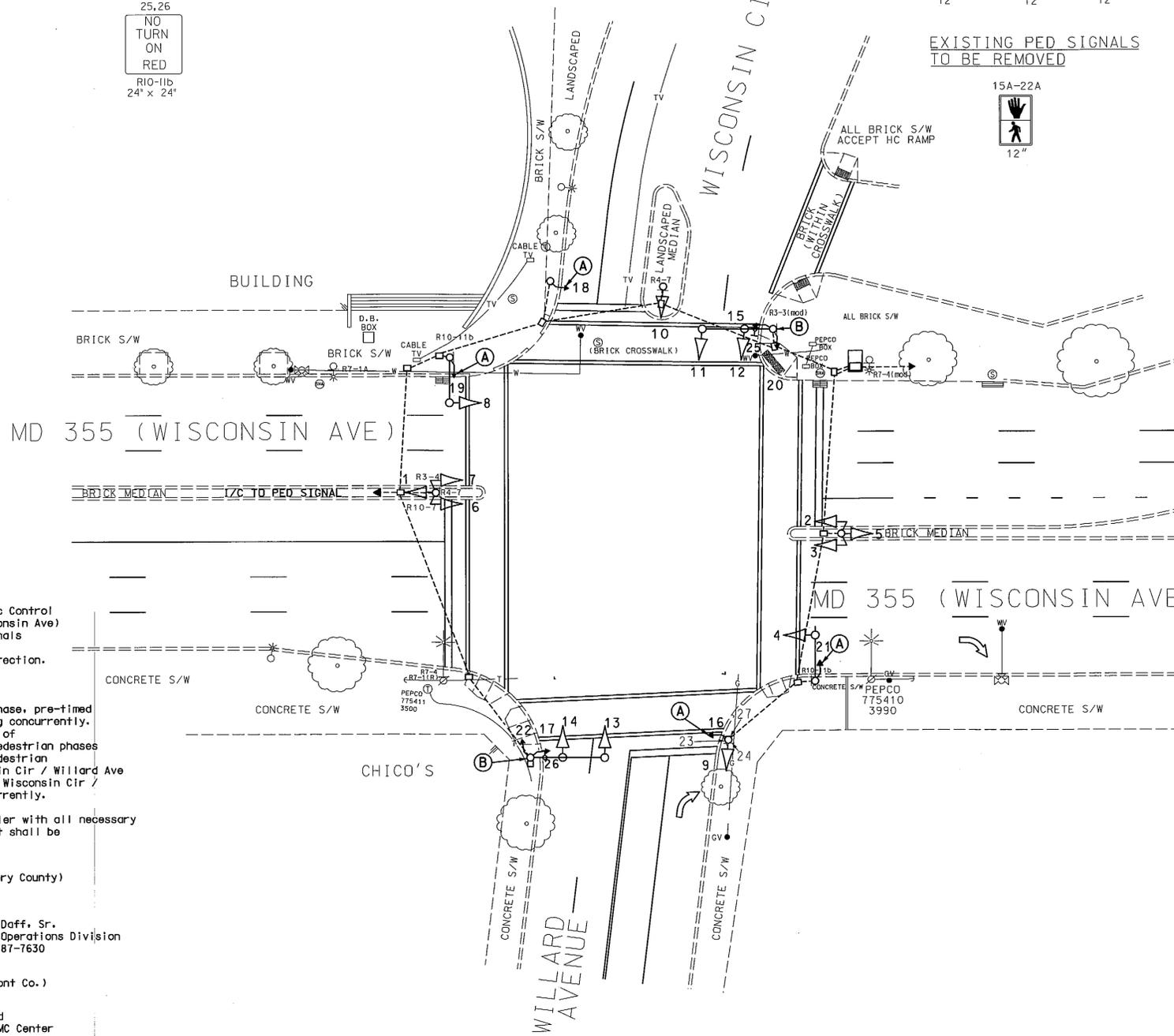
BORDER REV. DATE: June 11, 2004



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



**PHASING NOTES:**  
 1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
 2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY  
 3.) EXISTING PHASING IN EXISTING MONTGOMERY COUNTY CABINET.



**PROJECT DESCRIPTION**

**I. GENERAL**

This project involves the modification of an existing Traffic Control Signal with interconnect at the intersection of MD 355 (Wisconsin Ave) and Wisconsin Cir / Willard Ave. The existing pedestrian signals shall be replaced with Countdown pedestrian signals. MD 355 (Wisconsin Ave) is assumed to run in a north-south direction.

**II. INTERSECTION OPERATION**

- The intersection shall continue operate in a NEMA six-phase, pre-timed mode, with the MD 355 (Wisconsin Ave) approaches running concurrently. The exclusive/Permissive left turn phases for both legs of MD 355 (Wisconsin Ave) shall remain in operation. The pedestrian phases across MD 355 (Wisconsin Ave) shall now be Countdown pedestrian phases on recall. The pedestrian phases across Wisconsin Cir / Willard Ave shall now be Countdown pedestrian phases on recall. The Wisconsin Cir / Willard Ave approaches shall also continue to run concurrently.
- The existing full-traffic-actuated, eight-phase controller with all necessary equipment housed in a NEMA size "6" base-mounted cabinet shall be utilized at this intersection.

The contact persons for District #3 (Montgomery County) are as follows:

Mr. Brian Young  
 Assistant District Engineer - Traffic  
 Phone: (301) 513-7318

Mr. Richard L. Daff, Sr.  
 Chief, Traffic Operations Division  
 Phone: (410) 787-7630

Mr. Wayne Mowdy  
 Assistant District Engineer - Maintenance  
 Phone: (301) 513-7304

Mr. Keith Lord  
 Signal Shop (Mont Co.)  
 301-674-8965

Mr. Augie Rebish  
 District Engineer - Utility  
 Phone: (301) 513-7350

Mr. Kamal Hamud  
 Mont. County TMC Center  
 240-777-8761

**CONSTRUCTION DETAILS**

- Remove existing pedestrian signal head and install 16" Countdown pedestrian signal head. (Note: Use existing wiring).
- Remove existing pedestrian signal heads and install 16" Countdown pedestrian signal heads. (Note: Use existing wiring).

**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.

**EQUIPMENT LIST**

A. EQUIPMENT TO BE SUPPLIED BY S.H.A.  
 THERE IS NO EQUIPMENT TO BE SUPPLIED BY THE SHA.

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1003	Maintenance of traffic per assignment.	1 EA
8013	LED 16" countdown pedestrian signal head.	8 EA
8021	Remove and dispose of material & equipment per assignment.	1 EA

C. EQUIPMENT TO BE REMOVED

All removed material shall become property of the contractor.

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

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

**TRAFFIC SIGNAL PLAN**

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

DESIGNED BY COUNTY MONTGOMERY  
 DRAWN BY WTB LOGMILE 15035500.06  
 CHECKED BY CT TMS NO. J369  
 F.A.P. NO. TOD NO.

TS NO. 4348B DRAWING NO. 1 OF 2 SHEET NO. OF

**GEOMETRIC LEGEND**

PROPOSED	---
EXISTING	---

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

AERIAL CABLE	A-A
ELECTRIC	E-E
TELEPHONE	T-T
GAS	G-G
SEWER	S-S
WATER	W-W
CABLE TV	TV-TV

REVISION "B"

STREET TRAFFIC STUDIES, LTD.  
 400 Credit Park, N.W.  
 Glen Burnie, MD 21061  
 Ph (410) 590-5500  
 Fax (410) 590-6637  
 5195CPS.dgn T-61

**APPROVALS**

TEAM LEADER	
ASST. DIV.	
DIVISION CHIEF	
OFFICE DIRECTOR	

**REVISIONS**

⑥	INSTALL COUNTDOWN PEDS	11/4/09
JWA	A RELOCATE CONTROLLER TO SOUTH EAST QUADRANT	

PLOTTED: \*DATE\*  
 FILE: \*FILE\*

15000-3 (03/05)1500PS.dgn 11/17/2009 2:35:38 PM