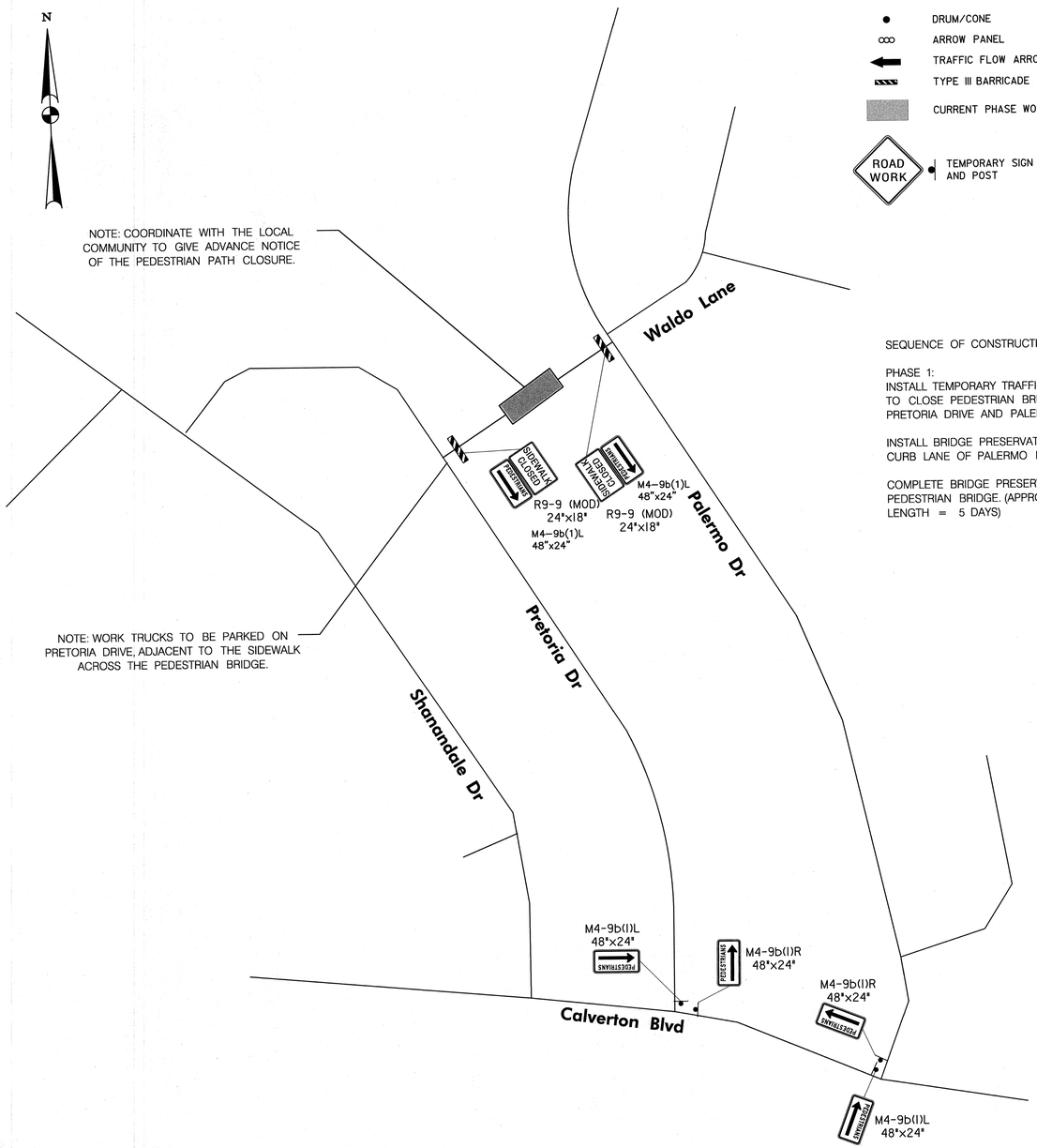


LEGEND

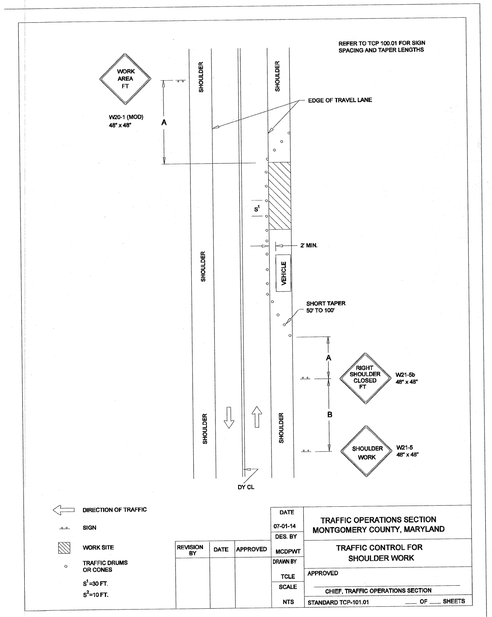
- DRUM/CONE
- ARROW PANEL
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE
- CURRENT PHASE WORK AREA
- ROAD WORK — TEMPORARY SIGN FACE AND POST

SEQUENCE OF CONSTRUCTION

PHASE 1:
INSTALL TEMPORARY TRAFFIC CONTROL DEVICES TO CLOSE PEDESTRIAN BRIDGE BETWEEN PRETORIA DRIVE AND PALERMO DRIVE.

INSTALL BRIDGE PRESERVATION EQUIPMENT ON THE CURB LANE OF PALERMO DRIVE.

COMPLETE BRIDGE PRESERVATION WORK ON THE PEDESTRIAN BRIDGE. (APPROXIMATE PHASE LENGTH = 5 DAYS)



REVISION BY	DATE	APPROVED

DATE 07-01-14	TRAFFIC OPERATIONS SECTION MONTGOMERY COUNTY, MARYLAND
DES. BY	
MCDPWT DRAWN BY	TRAFFIC CONTROL FOR SHOULDER WORK
TCLE	APPROVED
SCALE	CHIEF, TRAFFIC OPERATIONS SECTION
NTS	STANDARD TCP-101.01 ___ OF ___ SHEETS

SPEED M.P.H.	MINIMUM DISTANCE FROM TAPER TO FIRST SIGN A	ADDITIONAL SIGNS IN SERIES TO BE SPACED AT A MINIMUM B	C	D	MINIMUM COMBINED ADVANCED WARNING
25	200'	200'	200'		600'
30-35	300'	300'	300'		900'
40	500'	500'	500'		1500'
45-65	800'	700'	1100'	2600' (OPTIONAL)	2600'

EXAMPLE: TWO LANES, ONE-WAY ROADWAY, POSTED SPEED LIMIT IS 30 M.P.H.

TERMINATION AREA	WORK AREA	BUFFER AREA	TRANSITION AREA	ADVANCE WARNING AREA
LETS TRAFFIC RESUME NORMAL DRIVING		PROVIDES ADDITIONAL PROTECTION FOR TRAFFIC AND WORKERS. SEE CHART BELOW FOR BUFFER ZONE LENGTHS. * BUFFER ZONES ARE OPTIONAL EXCEPT FOR FLAGGING OPERATIONS	MOVES TRAFFIC OUT OF ITS NORMAL PATH. SEE CHART BELOW FOR TAPER LENGTHS	TELLS TRAFFIC WHAT TO EXPECT AHEAD. A 500' B 500' C 500'

500' MAX. 100' MAX. WORK SITE

NOTE: THE POSTED SPEED PLUS 10 MPH SHOULD BE USED FOR THE DESIGN OF SIGN SPACING, TAPER AND BUFFER LENGTHS

GUIDELINES FOR TAPER LENGTHS

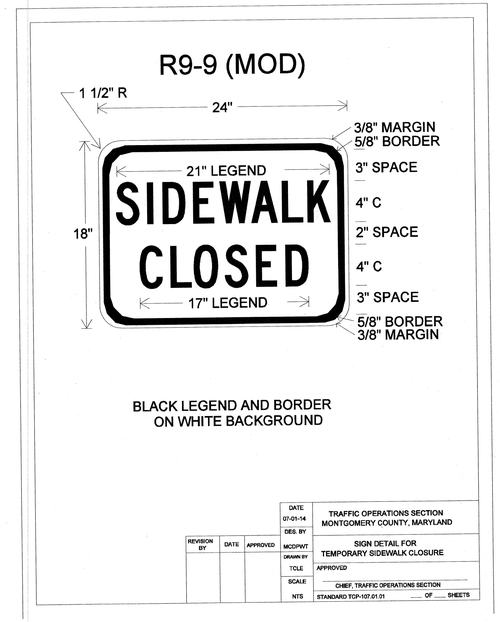
SPEED M.P.H.	TAPER LENGTH LINE WIDTH IN FEET 10	11	12	NUMBER OF DEVICES FOR TAPER	SPACING OF DEVICES ALONG TAPER IN FEET
20	70	75	80	5	20
25	105	115	125	6	25
30	150	165	180	7	30
35	205	225	245	8	35
40	270	295	320	9	40
45	450	495	540	13	45
50	500	550	600	13	50
55	550	605	660	13	55
60	600	660	720	13	60
65	650	715	780	13	65

GUIDELINES FOR BUFFER ZONE LENGTHS

SPEED (MPH)	LENGTH (FEET)
20	36
25	55
30	85
35	170
40	170
45	320
50	280
55	335
60	415
65	485

REVISION BY	DATE	APPROVAL

DATE 07-01-14	TRAFFIC OPERATIONS SECTION MONTGOMERY COUNTY, MARYLAND
DES. BY	
MCDPWT DRAWN BY	SPACING CHART
TCLE	APPROVED
SCALE	CHIEF, TRAFFIC OPERATIONS SECTION
NTS	STANDARD TCP-100.01 ___ OF ___ SHEETS



REVISION BY	DATE	APPROVED

DATE 07-01-14	TRAFFIC OPERATIONS SECTION MONTGOMERY COUNTY, MARYLAND
DES. BY	
MCDPWT DRAWN BY	SIGN DETAIL FOR TEMPORARY SIDEWALK CLOSURE
TCLE	APPROVED
SCALE	CHIEF, TRAFFIC OPERATIONS SECTION
NTS	STANDARD TCP-107.01.01 ___ OF ___ SHEETS

DWG. TP-18

Professional Certification.
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No. 17172, Expiration Date: 12/12/2018.

Robert J. Milstead 04/12/18

STATE OF MARYLAND ROBERT JAMES MILSTEAD No. 17172 PROFESSIONAL ENGINEER

MONTGOMERY COUNTY, MARYLAND
TRAFFIC ENGINEERING AND OPERATIONS SECTION
APPROVED
FOR MDT/TTCP
BY
DATE 4/16/18

STANTEC.
6110 FROST PLACE,
LAUREL, MARYLAND 20707
(240) 542-3112
www.stantec.com

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
Chief, Design Section — Date APR. 17 2018
APPROVED
Chief, Division of Transportation Engineering — Date 4/17/18

Designed by : DM Drawn by : VC Checked by : MG

BRIDGE PRESERVATION
COUNTY WIDE IX (9 BRIDGES)
MONTGOMERY COUNTY, MARYLAND
BRIDGE NO. P-10 (PRETORIA DRIVE)
OVER LITTLE PAINT BRANCH
MAINTENANCE OF TRAFFIC PLAN

SCALE : N.T.S. DATE :06-02-2017

Project No. : 500313 SHEET 19 of 21

DATE:Friday, April 13, 2018 AT 03:25 PM
FILE:U:\20260140\01 Bridge Preservation\700 Cadd\710 Traffic\P-18 Pretoria Drive.dgn