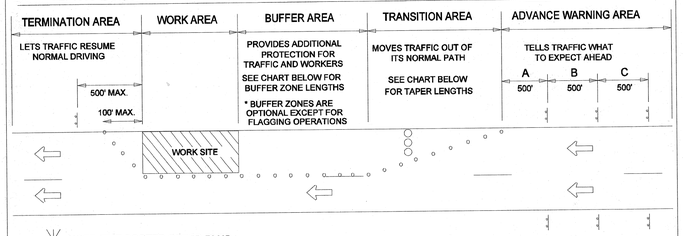
N

SPEED M.P.H.	MINIMUM DISTANCE FROM TAPER TO FIRST SIGN	ADDITIONAL SIGNS IN SERIES TO BE SPACED AT A MINIMUM			MINIMUM COMBINED ADVANCED WARNING
	A	B	C	D	
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.



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

GUIDELINES FOR TAPER LENGTHS

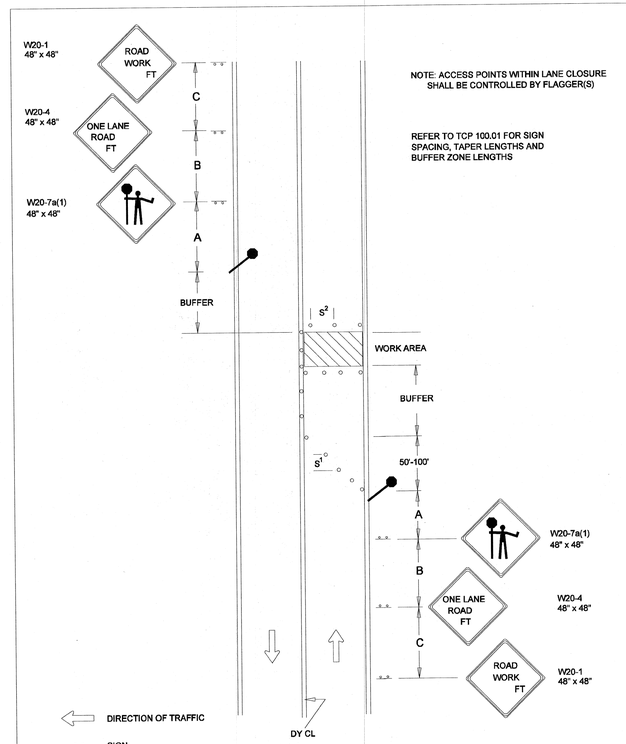
SPEED M.P.H.	TAPER LENGTH LANE WIDTH IN FEET 10	11	12	NUMBER OF DEVICES FOR TAPER	SPACING OF DEVICES ALONG TAPER IN FEET
20	70	75	80	5	20
25	105	115	125	6	25
30	150	165	180	7	30
35	205	225	245	8	35
40	270	295	320	9	40
45	450	495	540	13	45
50	500	550	600	13	50
55	550	605	660	13	55
60	600	660	720	13	60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

GUIDELINES FOR BUFFER ZONE LENGTHS

SPEED (MPH)	LENGTH (FEET)
20	35
25	55
30	85
35	120
40	170
45	220
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	SPACING CHART
DRAWN BY TCLE	APPROVED _____ CHIEF, TRAFFIC OPERATIONS SECTION
SCALE NTS	STANDARD TCP-100.01 ___ OF ___ SHEETS



NOTE: ACCESS POINTS WITHIN LANE CLOSURE SHALL BE CONTROLLED BY FLAGGER(S)

REFER TO TCP 100.01 FOR SIGN SPACING, TAPER LENGTHS AND BUFFER ZONE LENGTHS

DIRECTION OF TRAFFIC

SIGN

WORK SITE

FLAGGER

TRAFFIC DRUMS OR CONES

S^1=30 FT.

S^2=10 FT.

REVISION BY	DATE	APPROVED

DATE 07-01-14	TRAFFIC OPERATIONS SECTION MONTGOMERY COUNTY, MARYLAND
DES. BY MCDPWT	FLAGGING CONTROL NON - INTERSECTION
DRAWN BY TCLE	APPROVED _____ CHIEF, TRAFFIC OPERATIONS SECTION
SCALE NTS	STANDARD TCP-102.02 ___ OF ___ SHEETS

NOTE:
DESIGN SPEED = 45 MPH
SIGN SPACING A = 800 FEET
SIGN SPACING B = 700 FEET
SIGN SPACING C = 1100 FEET
BUFFER LENGTH = 220 FEET

APPROPRIATE DISTANCES FOR SIGN LEGENDS ARE "AHEAD", "500 FT", "1000 FT", "1500 FT", OR "1/2 MILE". FOR DISTANCES LESS THAN 500 FEET, "AHEAD" SHALL BE USED.

NOTE:
RADIO COMMUNICATION SHALL BE USED BETWEEN FLAGGERS.

SEQUENCE OF CONSTRUCTION

PHASE 1:
INSTALL TEMPORARY TRAFFIC CONTROL DEVICES TO CLOSE THE EAST SIDE OF WEST OLD BALTIMORE ROAD.

COMPLETE BRIDGE PRESERVATION WORK ON THE EAST SIDE OF THE BRIDGE. (APPROXIMATE PHASE LENGTH = 8 DAYS)

PHASE 2:
INSTALL TEMPORARY TRAFFIC CONTROL DEVICES TO CLOSE THE WEST SIDE OF WEST OLD BALTIMORE ROAD.

COMPLETE BRIDGE PRESERVATION WORK ON THE WEST SIDE OF THE BRIDGE. (APPROXIMATE PHASE LENGTH = 7 DAYS)

DWG. TP-02

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 MOT/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. M-0001 (WEST OLD BALTIMORE ROAD) OVER LITTLE SENECA CREEK
MAINTENANCE OF TRAFFIC PLAN
SCALE : 1" = 20' DATE :06-02-2017
Project No. : 500313 SHEET 3 of 21

DATE:Thursday, April 12, 2018 AT 04:30 PM
FILE: U:\2026011401\01 Bridge Preservation\700 Cadd\710 Traffic\M-0001 West Old Baltimore Rd.dgn