



PRINCE GEORGE'S COUNTY GOVERNMENT
 Department of Permitting, Inspections and Enforcement
 (301) 883-5710



**SIGNING & PAVEMENT MARKING
 DESIGN REVIEW CHECKLIST**

This checklist serves as a guide for the consultant in the preparation and for the County to review Signing & Pavement Marking Plans. Any questions regarding items contained herein should be referred to the reviewing agency (Prince George's County DPW&T or DPIE) for clarification. (The latest edition of all applicable references and manuals shall be used.)

**NOTE: PLANS SUBMITTED WITHOUT A COMPLETED
 CHECKLIST MAY BE RETURNED WITHOUT REVIEW**

Site/Project Name: _____ Date: _____
 Consultant: _____ Applicant: _____
 Phone Number: _____ Email Address: _____
 Permit No: _____

Consultant: Please complete the checklist below by indicating the following:
 ✓ = Complete or checked; X = Not Applicable; O = Outstanding, need to address
 Please place the appropriate symbol in the A/E column.

Item #	Design Checklist Item	Reference	CONSULT	DPIE
A	PLAN SHEET REQUIREMENTS			
A-1	Scale: 1"=30' or 1"=40'			
A-2	General Notes and Legend (See Sections G and H			
A-3	Legend			
A-4	North Arrow			
A-5	Limits of Work			
A-6	Permit Number			
A-7	Plan Sheet Numbers (should be a part of the larger plan set)			
B	SIGNING & PAVEMENT MARKING PLAN	Reference	CONSULT	DPIE
B-1	Provide horizontal alignment of roadway (a minimum of 250' beyond the project limits). Additional alignment may be required to be shown as needed.			
B-2	Show critical base information including, ultimate geometrics (sidewalk, edge of pavement, driveways, etc.). Turn off all layers/levels that are not related to this plan, including utilities, contours, stations, drainage, etc.			
B-3	Show all street names.			

Item #	Design Checklist Item	Reference	CONSULT	DPIE
B-4	Show all existing signs and pavement markings that are to remain in a light gray, to match the legend.			
B-5	Show all proposed signs and pavement markings in black, to match the legend.			
B-6	Show lane widths for all existing and proposed lanes.			
C	SIGNING			
C-1	Proposed signs shall be shown on the plan.			
C-2	Show MUTCD sign designation and dimensions, for all signs.			
C-3	Sign posts and signs should be shown on the plan in the correct direction of installation.			
C-4	Signs shall be located such that they are free from of obstruction and fully visible to the motorist. Sign clutter should be avoided by not placing signs too close together.			
D	PAVEMENT MARKING			
D-1	Pavement markings in conformance with the details listed in this document. The MD MUTCD should be used for any pavement markings not addressed here.			
D-2	All proposed pavement markings must be identified with a letter corresponding with the legend.			
D-3	Pavement markings shall be dimensioned where necessary (i.e. solid white marking for a turn bay and arrow/only/arrow).			
D-4	Show dimensions for all tapers.			
D-5	Any old pavement markings to be removed must be done by mill and overlay.			
D-6	The plans show the existing pavement markings outside of the project limits and clearly indicate where the new pavement markings tie into the existing.			
D-7	If applicable, show crosswalk detail on plan. (Hatching for crosswalks shall consist of 12" solid white stripes with a 24" separation.)			
D-8	If applicable, show hatching detail on plan.			
E	ROUNDBABOUTS			
E-1	Bicycle lanes shall not be shown in the roundabout.			
E-2	Signing and pavement markings for roundabouts shall conform to the MD SHA's <u>Roundabout Traffic Design Guideline</u> .			
F	BICYCLE TREATMENT			
F-1	Marked bicycle lanes shall be a minimum of 5' (can include the gutter pan).			
F-2	Bicycle lane markings shall be in conformance with the MD MUTCD and the AASHTO's Guide for the Development of Bicycle Facilities.			
F-3	The beginning and ending of bike routes shall be appropriately signed.			
F-4	Sharrows and "BIKES MAY USE FULL LANE" shall only be used on roadways with more than one lane per direction and with the approval of the permitting agency.			

Item #	Design Checklist Item	Reference	CONSULT	DPIE
G	SIGNING & PAVEMENT MARKING PLAN NOTES			
G-1	All pavement markings shall be in compliance with Prince George's County and MD SHA standards and specifications and the MD Manual on Uniform Traffic Control Devices (MUTCD).			
G-2	All signs shall be in compliance with the latest version of the MD MUTCD.			
G-3	Applicants are responsible for the procurement and installation of the signs and pavement marking approved on the plan. The only signs to be installed by County forces (and paid for by the applicant) are street name signs.			
G-4	Affix this note to the plan: "Permittee shall contact the County inspector 48 hours in advance of the installation and removal of all permanent traffic control signs. Upon notification, the inspector shall contact the DPW&T Traffic Safety Division so that proper ordinances can be prepared or rescinded."			
G-5	Galvanized steel "U" channel posts are required for all sign installations.			
G-6	Stop bars shall be located a minimum of 4' behind crosswalks.			
G-7	All lane lines shall be demarcated with extruded thermoplastic material and be applied by truck-mounted equipment. Other symbolic markings, such as arrows, only, and other wordings, may be of pre-cut heat applied thermoplastic material. Crosswalks and stop bars can be either extruded or pre-cut.			
G-8	All pedestrian crossing signs shall be black on fluorescent yellow-green background.			
G-9	Existing pavement markings no longer needed shall be removed by means of mill and overlay. No grinding or painting is permitted.			
G-10	Signs placed in medians must be located such that a minimum of 1 ft. of lateral clearance is provided from the face of either curb.			
G-11	All sign installations shall be in accordance with MUTCD guidelines.			
G-12	Lane width dimensions are measured from the center of the marking.			
H	PAVEMENT MARKING LEGEND			
H-1	Install 5" wide solid white pavement marking			
H-2	Install 5" wide dotted white pavement marking, 10' segment - 30' gap			
H-3	Install 5" wide dotted white pavement marking, 3' segment - 9' gap			
H-4	Install 5" wide dotted white pavement marking, 3' segment - 3' gap			
H-5	Install 10" wide solid white pavement marking			
H-6	Install 10" wide dotted white pavement marking, 3' segment - 3' gap			

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H-8	Install 12" wide solid white pavement marking for crosswalk			
H-9	Install 24" wide solid white pavement marking for stop bar			
H-10	Install 5" wide solid yellow pavement marking			
H-11	Install 5" wide solid double yellow pavement marking			
H-12	Install yield lines (sharks teeth) - 18" x 12" (Speed Limit of 35 mph and below); 36" x 24" (Speed Limit above 35 mph)			
H-13	Install white pavement marking symbol/lettering			
H-14	Tie to existing marking			
J	OTHER ITEMS NOT ALREADY LISTED			
J-1	Bypass lanes shall be marked in accordance with MD MUTCD			
J-2	Speed humps, intersection tables and raised crosswalks shall be marked in accordance with Prince George's County guidelines and the MD MUTCD.			