

# Application Process

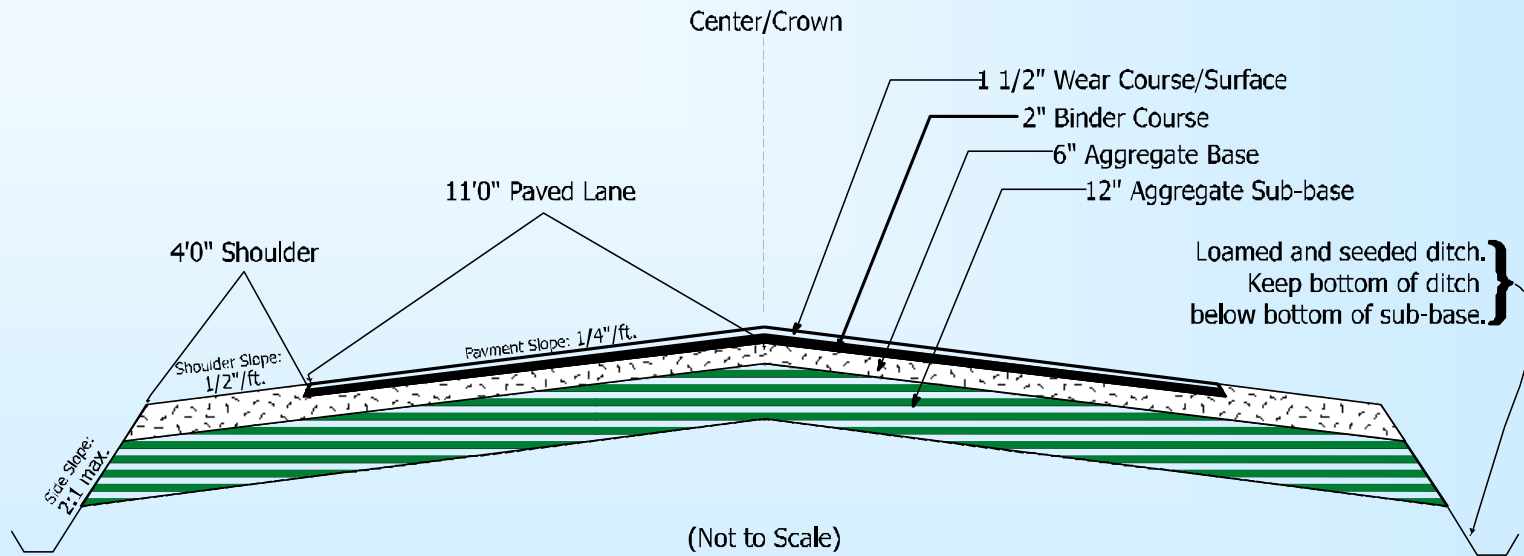




# **Application Materials**

- **Plan and Profile**
- **Typical Cross Section**
- **Stormwater Management Drawings, Plan and Calculations**
- **Erosion Control Plan**

# Standards



# Guarantees

- **Performance Bond (full cost of improvements)**
- **Irrevocable Letter of Credit (full or partial cost)**
- **Escrow Account (full or partial cost)**
- **Escrow of Deed(s)**
- **No Lot Sales or Building Permits until road complete**

# Inspection

- Affidavit and testing by Applicant's Engineer
- Road Commissioner and/or CEO
- Third Party Engineer





# **Continued inspection and Enforcement**

- **CEO or Road Commissioner**
- **Third party engineer**

# **Inspection and Enforcement**

- **For gravel roads check surface for erosion, rutting, and potholes –**
- **For paved roads, check shoulders for erosion and berms**
- **Ensure environment protected**
- **Ensure safety vehicle access is adequate**

# **Homeowners Association**

- **If Private Road, need Homeowners Association or Road Owners Association.**
- **Declaration of Covenants and Deed Requirements to Join**
- **Specify Maintenance Requirements**

# **Maintenance Requirements**

- **Condition of Surface and Shoulders**
- **Maintenance of Culverts, Ditches, and Ponds**
- **Mowing and Brush removal**
- **Winter Road Maintenance**

Item	Collector	Minor	Private	Common Driveway
Right-of-Way Width (Minimum)	60'	60'	60'	60'
Pavement/Travel Way Width	24'	20'	20'	12'
Minimum Grade	0.5%	0.5%	0.5%	0.5%
Maximum Grade	8.0%	12.0%	12.0%	10.0%
Within 50' of Intersections	3.0%	3.0%	3.0%	3.0%
Minimum Angle of Intersection	60°	60°	60°	60°
Width of Shoulder (Each Side)	4'	4'	4'	1'
Minimum Centerline Radius	500'	200'	200'	150'
Minimum Tangent Between Reverse Curves	200'	100'	100'	100'
Sub-base (meeting MDOT 703.06 Type D) <sup>[1]</sup>	15"	12"	12"	12"
Base (meeting MDOT 703.06 Type A) <sup>1</sup>	6"	6"	6"	Not Required
Base Pavement (Bituminous; After Compaction) <sup>1</sup>	Not Required	Not Required	Not Required	Not Required
Wearing Course (Bituminous; After Compaction) <sup>1</sup>	2 1/2"	2"	Not Required	Not Required
Minimum Crown	1/4"/ft.	1/4"/ft.	5/8"/ft.	5/8"/ft.

Minimum Crown	¼"/ft.	¼"/ft.	5/8"/ft.	5/8"/ft.
Dead-End-Street Maximum Length				
Minimum Radius of Right-of-Way at Intersection	10'	10'	10'	10'
Minimum Radius of Pavement at Intersection				
90° to 75°	25'	25'	25'	25'
>75°	30'	30'	30'	30'
Minimum Distance Between Intersections	300'	200'	200'	200'
Minimum Culvert Size	15"	15"	15"	15"
Minimum Cover Over Culverts	24"	24"	24"	18"

Description	Arterial	Collector	Minor	Privately Owned Street <sup>1</sup>	Industrial/ Commercial	Mobile Home Park
Minimum right-of-way width	60 feet	60 feet	60 feet	60 feet	60 feet	<u>23 feet</u>
Minimum pavement width/travelway width	34 feet	24 feet	20 feet	20 feet	34 feet	<u>20 feet</u>
Sidewalk width	5 feet	5 feet	5 feet	N/A	5 feet	<u>N/A</u>
Minimum grade	.5 percent	.5 percent	.5 percent	.5 percent	.5 percent	.5 percent
Maximum grade	8 percent	8 percent	10 percent <sup>2</sup>	10 percent <sup>2</sup>	8 percent	10 percent
Minimum centerline radius	800 feet	200 feet	150 feet	150 feet	800 feet	150 feet
Minimum tangent between curves of reverse alignment	300 feet	200 feet	100 feet	100 feet	300 feet	100 feet
Roadway crown	1/4"/ft.	1/4"/ft.	1/4"/ft.	1/4"/ft.	1/4"/ft.	1/4"/ft.
Minimum angle of street intersections	90 degrees	90 degrees	90 degrees	90 degrees	90 degrees	90 degrees
Maximum grade within 75 feet of intersection	3 percent	3 percent	3 percent	3 percent	3 percent	3 percent
Minimum curb radii at intersections	30 feet	20 feet	15 feet	15 feet	15 feet	15 feet
Minimum r-o-w radii at intersections	20 feet	10 feet	10 feet	10 feet	20 feet	10 feet
Minimum width of shoulders (each side)	3 feet	3 feet	3 feet	3 feet	5 feet	3 feet

	<b>Arterial</b>	<b>Collector</b>	<b>Minor</b>	<b>Privately Owned Street</b>	<b>Industrial Commer cial</b>	<b>Mobile Home Parks</b>
<b>Aggregate Sub- base Course</b>	<b>36"</b>	<b>24"</b>	<b>18"</b>	<b>18"</b>	<b>24"</b>	<b>18"</b>
<b>Crushed Aggregate Base Course</b>	<b>4"</b>	<b>3"</b>	<b>3"</b>	<b>3"</b>	<b>4"</b>	<b>3"</b>
<b>Hot Bituminous Pavement</b>						
<b>Total Thickness</b>	<b>4 1/2"</b>	<b>3"</b>	<b>2 1/2"</b>	<b>2 1/2"</b>	<b>4 1/2"</b>	<b>2 1/2"</b>
<b>Surface Course</b>	<b>1 1/2"</b>	<b>3"</b>	<b>2 1/2"</b>	<b>2 1/2"</b>	<b>1 1/2"</b>	<b>2 1/2"</b>
<b>Base Course</b>	<b>3"</b>				<b>3"</b>	