

SUBDIVISION REGULATIONS

*415 Attachment 1*

**City of Ste. Genevieve**

**PLATE 1  
DESIGN CHARACTERISTICS FOR STREET PAVEMENT  
[Ord. No. 2634, Plate 1, 3-12-1992]**

<b>CONCRETE SURFACE</b>	
<b>Type of Street</b>	<b>Minimum Uniform Thickness</b>
Arterial	7.25 inches to 8.25 inches
Collector	6.50 inches
Local	6.00 inches
Marginal	6.00 inches
Alley	6.00 inches

All intersections shall be of uniform thickness one (1) inch greater than the maximum thickness of the two (2) intersecting streets.

Concrete flexural strength shall be a minimum of five hundred fifty (550) psi (modulus of rupture), water-cement ratio not exceeding six (6.0) gals./sack, six (6) sacks of cement per cubic yard of concrete, four percent (4%) to six percent (6%) entrained air with maximum aggregate size of one and one-half (1½) inches; or as required to meet Missouri State Highway Commission standards.

<b>FLEXIBLE SURFACE</b>					
<b>Type of Street</b>	<b>Surface</b>		<b>Base</b>		<b>Subbase</b>
	<b>Asphalt</b>	<b>Gravel/Crushed Stone*</b>	<b>Asphalt Treated</b>	<b>Waterbound Macadam</b>	
Arterial	4 inches	Grade B or G	4 inches	6 inches	7 inches
Collector	3 inches	"	3½ inches	5 inches	5 inches
Local	2 inches	"	3 inches	5 inches	3 inches
Marginal	2 inches	"	3 inches	5 inches	3 inches
Alley	2 inches	"	3 inches	5 inches	3 inches

**\* Gradations:**

**Grade B - Crushed Stone**

100%	through	1 inch sieve
maximum 65%	through	3/8 inch sieve
5 — 25%	through	#10 sieve

**Grade G - Crushed Stone or Gravel**

100%	through	¾ inch sieve
maximum 75%	through	3/8 inch sieve
0 — 15%	through	#10 sieve

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Subbase material to be coarse aggregate containing ten percent (10%) through twenty percent (20%) fines, maximum aggregate size two-thirds ( $2/3$ ) of subbase depth, or good subbase soil, if approved by the County Engineer; or as required to meet Missouri State Highway Commission standards.

All intersections shall be of the maximum thickness of the two (2) intersecting streets as shown in the table, plus one (1) inch of additional base material if waterbound macadam is used or one-half ( $1/2$ ) of additional base if asphalt treated base is used.