ORDINANCE NUMBER 37-2019

AN ORDINANCE TO AMEND THE CITY OF GREER LAND
DEVELOPMENT REGULATIONS BY AMENDING ARTICLE 8
ROADWAY CLASSIFICATION AND DESIGN STANDARDS, SECTION
8.1 A. ROADWAY CLASSIFICATIONS BY ADDING SUBSECTION 3.

WHEREAS, the City of Greer City Council at various times reviews the city
ordinances to make necessary improvements and/or changes; and,

WHEREAS, Greer City Council wishes to amend the City of Greer Land Development
Regulations by adding Subsection 3 to Section 8.1 A Roadways Classifications to insure the
proper guidelines for future design and maintenance standards of these roads across these
classifications in the City of Greer; and,

WHEREAS, the City of Greer Planning Commission recommended approval of the
requested amendment to the City of Greer Land Development Regulations at a Public Hearing
held at 6:30 p.m. on September 23, 2019 in the Council Chambers of Greer City Hall, Greer,
South Carolina after due notice in The Greer Citizen, a newspaper in Greer, South Carolina, with
general circulation in the Greer area, for the purpose of considering a proposed amendment to the
City of Greer Land Development Regulations. The Planning Commission minutes and staff
report from said meeting are attached hereto marked as Exhibit A;

NOW, THEREFORE, BE IT ORDAINED by the Mayor and Council of the City of
Greer that the City of Greer Land Development Regulations Article 8 Roadway Classification
and Design Standards Section 8.1 A. Roadway Classification are amended by adding the
following provisions:

<table>
<thead>
<tr>
<th>Minor Collector</th>
<th>(1600-4000 Vehicles Per Day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Collector</td>
<td>(4000-8000 Vehicles Per Day)</td>
</tr>
<tr>
<td>Arterial</td>
<td>(&gt; 8000 Vehicles Per Day)</td>
</tr>
</tbody>
</table>
### STREET DESIGN GUIDELINES

<table>
<thead>
<tr>
<th>Street Classification</th>
<th>Traffic Volume (VPD)</th>
<th>Street Width (min.)</th>
<th>ROW Width (min.)</th>
<th>Design Speed (min.)</th>
<th>K-Factor</th>
<th>Curb Radii</th>
<th>Maximum Grade (%)</th>
<th>Tangent Between Reverse Curves</th>
<th>Minimum Horizontal Curve Radius (feet)</th>
<th>Minimum Centerline Intersecting Angle</th>
<th>Minimum Sight Triangle (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential Subdivision</td>
<td>&lt; 1600</td>
<td>See 1. a.</td>
<td>See 1. a.</td>
<td>25</td>
<td>16</td>
<td>24</td>
<td>25</td>
<td>10</td>
<td>100</td>
<td>107</td>
<td>60 degrees</td>
</tr>
<tr>
<td>Minor Collector</td>
<td>1600-4000</td>
<td>26</td>
<td>48</td>
<td>30</td>
<td>16</td>
<td>26</td>
<td>30</td>
<td>10</td>
<td>100</td>
<td>250</td>
<td>80 degrees</td>
</tr>
<tr>
<td>Major Collector</td>
<td>4001-8000</td>
<td>varies (note 1)</td>
<td>varies (note 1)</td>
<td>30</td>
<td>19</td>
<td>37</td>
<td>30</td>
<td>10</td>
<td>100</td>
<td>337</td>
<td>80 degrees</td>
</tr>
<tr>
<td>Arterials</td>
<td>&gt;8000</td>
<td>varies (note 1)</td>
<td>varies (note 1)</td>
<td>44</td>
<td>61</td>
<td>79</td>
<td>30</td>
<td>7</td>
<td>300</td>
<td>1055</td>
<td>80 degrees</td>
</tr>
</tbody>
</table>

Note 1: Depends on typical sections & design elements, ie medians, bike lanes, etc.

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This ordinance shall be effective immediately upon second reading approval hereof.

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**CITY OF GREER, SOUTH CAROLINA**

![Signature](signature)

Richard W. Danner, Mayor

**ATTEST:**

![Signature](signature)

Tammela Duncan, Municipal Clerk

Introduced by: Councilmember Wryley Bettis

First Reading: October 8, 2019

Second and Final Reading: October 29, 2019

**Approved as to Form:**

![Signature](signature)

John B. Duggan, City Attorney
DOCKET: TXT 2019-05

APPLICANT: City of Greer

LDR TEXT AMENDMENT: Article 8 (Road Classification and Design Standards)

PURPOSE: To add additional classifications to existing Road Classification and Design Standards

ANALYSIS:

Road and street ownership and maintenance responsibility in the City falls into three main categories: City owned, County owned, and State owned. The majority of City owned streets are residential in nature and are within and around residential neighborhoods. Article 8 of the Land Development Regulations defines the Classification and Design Standards of Urban Residential and Industrial/Commercial roads. These are the only two classifications. Over the years the City has inherited or become responsible for ownership of streets/roads that are not residential or commercial/industrial in nature in the way they function or the traffic volumes they carry (ex W. Phillips Road, Westmoreland Road). Therefore, additional Classifications and Design Standards are proposed to be added to Article 8 of Land Development regulations.

As such, Staff proposes the following text amendment:

Add to Article 8.1A of the City of Greer Land Development Regulations:

3. Minor Collector (1600-4000 Vehicles Per Day)
   Major Collector (4000-8000 Vehicles Per Day)
   Arterial (> 8000 Vehicles Per Day)

<table>
<thead>
<tr>
<th>STREET DESIGN GUIDELINES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Classification</td>
</tr>
<tr>
<td>---------------------------</td>
</tr>
<tr>
<td>Residential Subdivision</td>
</tr>
<tr>
<td>Minor Collector</td>
</tr>
<tr>
<td>Major Collector</td>
</tr>
<tr>
<td>Arterial</td>
</tr>
</tbody>
</table>

Note 1 Depends on typical sections & design elements, ie medians, bike lanes, etc.

In summary, adding these Classifications gives better guidelines for future design and maintenance standards of these roads across these classifications.

STAFF RECOMMENDATION: APPROVAL
ACTION: Mr. Martin made a motion to approve TXT 2019-05. Mr. Lavender seconded the motion. The motion carried with a vote of 7 to 0.