



CITY OF CONWAY

STREET & ENGINEERING DEPARTMENT

**CITY OF CONWAY
RIGHT-OF-WAY DEDICATION POLICY
FOR MAJOR INTERSECTIONS**

GOAL

To standardize the minimum right-of-way dedication required at intersections between arterial streets with other arterial or collector streets.

SUBDIVISION REGULATION (ORDINANCE O-00-03)

ARTICLE IV. GENERAL DESIGN PRINCIPLES

SECTION 5. SUBDIVISION DESIGN STANDARDS

A. Streets

(1) Intersections and Alignment

- c. Additional street paving and right-of-way in the form of turning lanes may, upon consultation with the City Engineer and/or the planning staff, be required along arterial streets at intersections with other arterial or collector streets.

RIGHT-OF-WAY STANDARD

When right-of-way dedication is required at intersections as described above, the property line corners at said intersections shall be rounded with a radius, R, in feet as calculated via the following methods and rounded to the nearest multiple of 5, where Δ is the angle of intersection at the corner:

1. Where $\Delta \leq 90^\circ$: $R = \Delta + 10$
2. Where $\Delta > 90^\circ$: $R = 2.75e^{0.04\Delta}$

ADDITIONS/EXCEPTIONS

All development that results in a significant increase or change in traffic patterns shall be required to submit a traffic impact report to the traffic engineer. All improvements necessary to prevent a decline in level of service at nearby intersections shall be the responsibility of the owner. Any additional right-of-way dedication necessary for completion of said improvements shall be made in addition to the above standard.