



February 4, 2016

# Wireless Communications Facility Administrative Review

## 16-008ARTW – AT&T Wireless Tower

### 5700 Shier Rings Road

This is a request to remove 9 antennas, 6 RRHs and 12 mounting pipes, and replace them with 12 antennas, and 12 RRHs with modifications to the platform connections on an existing monopole for an AT&T Telecomm Facility located north of Shier Rings Road, east of the intersection with Emerald Parkway. This is a request for review and approval of modifications to a wireless communications facility under the provisions of Chapter 99 of the Dublin Code of Ordinances.

Applicant: American Tower Delaware Corporation, Katelyn McKinley.  
Zoning District: TF, Technology Flex District

#### **Date of Application Acceptance**

Friday, January 19, 2016

#### **Date of ART Determination**

Thursday, February 4, 2016

#### **Case Manager**

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## **PART I: APPLICATION OVERVIEW**

This proposal includes modifications to an existing 150-foot monopole tower located on the north side of Shier Rings Road, east of the intersection with Emerald Parkway. The applicant has proposed to replace 9 antennas with 12 new antennas. The replacement antennas range in size from 75.4 inches to 96 inches long and their maximum overall height will be approximately 154 feet from grade to the top of the proposed antenna panels.

Six existing radio heads will be removed and 12 new radio heads measuring 15.4 to 31.5 inches will be installed behind 12 of the antennas. 12 mounting pipes will be replaced and new connections will be installed between the platform handrails and the offset frame that will match the existing connections.

### **Code Analysis – §99.05(C) – General Requirements**

*Antenna Color* Chapter 99 requires that all antennas and supporting electrical and mechanical equipment be a neutral color that matches the supporting structure.

*Maximum Height* The height of wireless communications facility towers is limited to a maximum of 120 feet unless a higher tower is required by conditions present in the vicinity of the location of the tower that require a taller structure in order to function and remain stealth. This application involves the replacement of antennas on an existing monopole tower already exceeding this requirement. The overall height of the replacement antennas will be approximately 154 feet above grade. Due to the existing conditions of the antenna, the 120-foot height requirement will not be required to be met.

## **PART II: APPLICABLE REVIEW STANDARDS**

### **Administrative Review Criteria**

The Administrative Review Team shall review this application based on the review criteria for wireless communications facilities, which include the following proposed responses:

(a) **Antenna locating on an existing building or other antenna support structure.**

*Not applicable.*

(b) **Co-located antennas on existing or reconstructed towers.**

*Criterion met with condition.* Any associated cables or other wiring should be trimmed to fit closely to the panels and shall be neutral in color or match the supporting structure in order to be as unobtrusive as possible.

(c) **Alternative tower structure.**

*Not applicable.*

(d) **Cable microcell network.**

*Not applicable.*

#### **PART IV: PROPOSED ADMINISTRATIVE REVIEW TEAM DETERMINATION**

Approval of this application for a wireless communications facility administrative review is recommended with one condition:

1. That any associated cables or other wiring should be trimmed to fit closely to the panels and shall be neutral in color or match the supporting structure.