Wireless Communications Facility
Administrative Review

14-087ARTW - Verizon Wireless Co-Location - O’Shaughnessy Dam Tower

6013 Glick Road

This is a request for Verizon to replace six panel antennas and install nine remote radio heads and two OVP distribution boxes on an existing monopole tower. The site is on the south side of Glick Road approximately 850 feet east of the intersection with Dublin Road. This is a request for review and approval of a wireless communications facility under the provisions of Chapter 99 of the Dublin Code of Ordinances.

Date of Application Acceptance
Thursday, August 21, 2014

Date of ART Determination
Thursday, September 4, 2014

Case Managers
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PART I: APPLICATION OVERVIEW

<table>
<thead>
<tr>
<th>Zoning District</th>
<th>EU (WTWP), Exceptional Use District (WTWP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Review Type</td>
<td>Wireless Communications Facility Administrative Review</td>
</tr>
<tr>
<td>Proposal</td>
<td>Replace six panel antennas and install nine remote radio heads and two OVP distribution boxes on an existing 152 foot high monopole tower.</td>
</tr>
<tr>
<td>Administrative Departures</td>
<td>Code Section 99.05(C)(3)(f) – Maximum Height. Allowing antenna panels on an existing tower to be installed at approximately 120 feet from grade.</td>
</tr>
</tbody>
</table>

**Property Address**: 6013 Glick Road  
**Property Owner**: South Heidelberg Inc.  
**Applicant**: Todd Barhorst, Verizon Wireless  
**Representative**: Michael K. Hennon, United Acquisition Services, Inc.  
**Case Managers**: Rachel Ray, AICP, Planner II | 614.410.4662 or rray@dublin.oh.us  
Andrew Crozier, Planning Assistant | 614.410.4663 or acrozier@dublin.oh.us

Application Review Procedure: Wireless Communications Facility Administrative Review

Wireless communications facilities shall be subject to administrative review and determination under the review standards and procedures of Chapter 99 of the City of Dublin Code of Ordinances. Following acceptance of a complete application for a Wireless Communications Facility Administrative Review, the Administrative Review Team shall approve, deny, or approve with conditions the application based on the review standards of §99.05 and the review criteria of §99.06. A determination by the Administrative Review Team is required not more than 90 days from the date the request was submitted.

Proposal Overview

This is a request for Verizon to replace six panel antennas and install nine remote radio heads and two OVP distribution boxes on an existing monopole tower. The site is on the south side of Glick Road approximately 850 feet southeast of the intersection with Dublin Road. This is a request for review and approval of a wireless communications facility under the provisions of Chapter 99 of the Dublin Code of Ordinances.

Code Analysis - §99.05(C) - General Requirements

**Maximum Height**

Chapter 99 limits the height of wireless communications facility towers to a maximum of 120 feet in all non-residential districts.

This proposal is to replace existing antennas with new antennas and remote radio heads installed at 154 feet, 2 inches from grade measured to the top of the antennas on existing mounting platforms and antenna pipes. The new OVP equipment and box will be installed at 152 feet on an existing mounting platform.
The proposed height for the Verizon antennas (154 feet, 2 inches from grade) and the existing tower (152 feet) exceed the 120 feet maximum for non-residential districts permitted by Chapter 99. However, the tower and antennas were erected prior to the adoption of the amendments to Chapter 99. This request does not trigger any additional height changes as a result of the new antenna panels and remote radio head installation. The new equipment will be installed at the same height, however the plans measure the height of the tower from the centerline where as Chapter 99 requires that height be measured to the top of the antennas. Planning recommends approval of an administrative departure to accommodate the increased height to the top of the antennas of 2 feet, 2 inches.

**Color and Finish**

Chapter 99 also requires that the towers, antennas, other wireless communications facility support structures, and supporting electrical and mechanical equipment shall either maintain a non-contrasting gray or similar color or have a galvanized steel finish unless otherwise required by the required reviewing body or any applicable standards of the FAA and/or the Ohio Department of Transportation.

The applicant is proposing a hybridflex hybrid coax cable mounded on the outside of the monopole. The proposed cable should be similar in color to the existing pole. Any associated cables should be trimmed to fit closely to the panels.

**PART II: ADMINISTRATIVE REVIEW TEAM COMMENTS**

**Planning**

This request is for replacement of six existing antennas and installation of nine new remote radio heads and two OVP distribution boxes on existing mounting platforms and mounting pipes. The proposed height for the new Verizon antennas is 154, feet 2 inches from grade measured to the top of the antennas, which exceeds the 120 foot maximum permitted for non-residential districts by Chapter 99. However, the proposal is for replacement of existing antennas with new equipment using the existing mounting system. The new equipment should be unobtrusive and maintain a similar color. Any associated cables should be trimmed to fit closely to the panels.

**Engineering, Building Standards, Parks and Open Space, Fire, Police, Economic Development**

No comments.

**PART III: 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.** Any antenna intended to be attached to a structure other than a tower may be approved as an accessory use to any commercial, industrial, professional, office, institutional, or similar structure, provided [certain criteria are met].

*Not applicable.*
(b) Co-located antennas on existing or reconstructed towers. The color and overall design of the antenna shall be consistent with the existing tower and be as unobtrusive as possible.

Criterion met with conditions. Conditions are recommended that the new equipment should be unobtrusive and maintain a similar color and that any associated cables are trimmed to fit closely to the panels.

(c) Alternative tower structure. Any antenna intended to be attached to a structure other than a tower may be approved as an accessory use to any commercial, industrial, professional, office, institutional, or similar structure, provided [certain criteria are met].

Not applicable.

(d) Cable microcell network.

Not applicable.

PART IV: PROPOSED ADMINISTRATIVE REVIEW TEAM DETERMINATION

Approval of this request for Administrative Review for a wireless communications facility with the following conditions:

1. That the new equipment should be unobtrusive and maintain a similar color.
2. That any associated cables are trimmed to fit closely to the panels.

Approval of an administrative departure to Code Section 99.05(C)(3)(f), Maximum Height, allowing antenna panels on an existing tower to be installed at approximately 152 feet 2 inches from grade, as measured to the top of the antennas.