

## Telecommunications Tower FAQ



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### Village Hall

801 Burlington Ave.  
Downers Grove, IL  
60515-4782  
630.434.5500

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### Fire Department Administration

5420 Main St.  
Downers Grove, IL  
60515-4834  
630.434.5980

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### Police Department

825 Burlington Ave.  
Downers Grove, IL  
60515-4783  
630.434.5600

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### Public Works

5101 Walnut Ave.  
Downers Grove, IL  
60515-4046  
630.434.5460

#### 1. Why is there a telecommunications tower on the site and when was it constructed?

The telecommunications tower provides required public safety (police and fire) communications, internally and with the dispatch center. The existing tower was constructed in the early 1980's.

#### 2. What else is it used for?

In addition to the support of public safety communications, the tower also provides for wireless data & internet connections between the Village Hall and the Public Works facility. Three private telecommunications providers also access the tower for their equipment and make lease payments to the Village in exchange for this space. This practice of co-location is intended to result in fewer telecommunications towers within the Village.

#### 3. Why is the proposed tower 190' (199' to the highest antenna)?

The height of the proposed tower was established to accommodate existing users and future users on a monopole structure. Additional tower capacity that allows for co-location of future telecommunications providers reduces the likelihood that new cellular communications towers will be constructed in close proximity to the proposed tower. The monopole design provides a narrower configuration and footprint, as opposed to the existing tower's wider lattice structure. This design allows for more vertical space to accommodate current and future equipment.

#### 4. Why does the tower have to be relocated to the proposed site?

The proposed site is the only location on the existing Civic Center property that maintains a 200' fall-zone separation from nearby residential structures and from public safety operations in the new facility. This is to ensure that if the tower falls, it doesn't impact a residential structure or public safety facility. The proposed location also maintains access to the fleet maintenance garage and parking lot to the south. See attached tower siting location map.

#### 5. Why can the tower not be relocated off site?

The proposed location in close proximity to the Police Station/Village Hall is critical to support public safety dispatching communications that the Village relies on for police, fire and EMS services. In addition, off-site relocation may result in construction of additional towers in the immediate vicinity by private telecommunications providers as allowed by the Federal Telecommunications Act.

# Telecommunication Tower Location Map Analysis

