

**AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF ONTARIO,
CALIFORNIA, AMENDING SECTION 4-11.09 OF CHAPTER 11 OF TITLE 4 OF
THE ONTARIO MUNICIPAL CODE REGARDING
RADIO AMPLIFICATION SYSTEMS**

THE CITY COUNCIL OF THE CITY OF ONTARIO, CALIFORNIA, DOES
ORDAIN AS FOLLOWS:

SECTION 1: Section 4-11.09 (n) of the Ontario Municipal Code is hereby added
as follows:

"(n) Public Safety 800 MHZ Radio Amplification System.

(1) Except as otherwise provided in this section, no person shall construct or
develop any commercial or industrial building or structure or any part
thereof or cause the same to be done which fails to support adequate
radio coverage for City emergency service workers, including, but not
limited to, firefighters and police officers. For purposes of this section,
adequate radio coverage shall include all of the following:

- (i) a minimum signal strength of one (1) microvolt available in 85%
of the area of each floor of the building when transmitted from
the City of Ontario Communications Systems;
- (ii) a minimum signal strength of one (1) microvolt available at the
City of Ontario Communications Systems when transmitted from
85 % of the area of each floor of the building;
- (iii) the frequency range which must be supported shall be 806 MHZ
to 824 MHZ and 850 MHZ to 869 MHZ, and the frequency
range which must be rejected shall be 824 MHZ to 849 MHZ and
869 MHZ to 894 MHZ;
- (iv) a 90% reliability factor.

(2) Testing Procedures

- (i) Initial tests will be performed by the City of Ontario employees
in accordance with City regulations, A Certificate of Occupancy
shall not be issued for any structure if the building fails to com-
ply with this section.
- (ii) Annual tests will be conducted by the Ontario Fire Department in
conjunction with inspection procedures.

- (iii) In addition to the initial and annual tests, City Police and Fire Personnel, after obtaining consent from the owner or his representative, or absent such consent, after obtaining other lawful authority, shall have the right to enter onto the property to conduct field testing to be certain the required level of radio coverage is present.
- (3) Amplification Systems Allowed. Buildings and structures which cannot support the required level of radio coverage shall be equipped with any of the following in order to achieve the required adequate radio coverage:
- (i) a radiating cable system; or
 - (ii) an internal multiple antenna system with FCC type-accepted bidirectional 800 MHZ amplifiers.

If any part of the installed system or systems contains an electrically powered component, the system shall be capable of operating on an independent battery and/or generator system for a period of at least twelve (12) hours without external power input. The battery system shall automatically charge in the presence of an external power input.

Any person who constructs or develops a commercial or industrial building or structure shall provide two (2) inch raceways in the walls into which the cable could be laid. Such raceways shall include an opening in the roof which allows for placement of an exterior antenna and access to each floor.

(4) Exemptions. This section shall not apply to the following buildings provided they do not make use of any metal construction or any underground storage or parking areas:

- (i) buildings permitted in R1 and R2 zones;
- (ii) any building constructed of wood frame;
- (iii) any building 30 feet high or less.

For purposes of this section, packing structures are included in the definition of "all parts of a building" but elevators may be excluded.