

**CITY OF ST. LOUIS**  
**MINIMUM TECHNICAL SPECIFICATIONS**  
Private Communications Systems

1. Applicant/Licensee agrees that it will comply with the following technical specifications in the installation of any and all components of the Private Communications System which it proposes to install in any street, alley, public right-of-way or other public place within the City of St. Louis.
  - (A) The depth of underground conduit, measured from the top of the conduit to the surface of ground, shall be a minimum depth in soil of 42 inches, and at a ditch crossing, a minimum depth of 60 inches.
  - (B) Within any street right-of-way, with the exception of road crossings and driveways, a minimum 4-inch PVC conduit, with minimum 2 innerducts, shall be placed, with pull ropes.
  - (C) Under all road crossings and driveways, a minimum 4-inch black steel pipe will be installed by jacking or boring, maintaining a depth of 48 inches below the surface of the road.
  - (D) Trenching shall be promptly backfilled with earth and tamped with a mechanical tamper at 6-inch lifts, so that the earth is restored to original grade to assure no hazard to vehicular, animal or pedestrian traffic. All open trenches will be properly guarded or barricaded to prevent damage or injury.
  - (E) All cable, where practical, shall be located to cross roadbed at approximately right angles thereto. No cable shall be placed in any culvert or within 5 feet of the closed point of same.
  - (F) In areas of potential erosion, the plug method of erosion control shall be used.
  - (G) Licensee shall use the Flagging/Identification system as recommended by the Public Works Association.
  - (H) All aerial cables and wires shall be installed parallel to existing telephone and electric wires.
  - (I) Multiple aerial configurations shall be in parallel arrangement and bundled, in accordance with engineering and safety considerations.
  - (J) All underground installations shall be in the appropriate size and type of conduit or other enclosures approved by the Agency.
2. Applicant/Licensee agrees that it shall install and maintain its wires, cables, fixtures and other equipment in accordance with the current requirements of the National Electrical Safety Code promulgated by the National Bureau of Standards and the National Electrical Code of the National Board of Fire Underwriters, and in such a manner that they will not interfere with any installations of the City or of a public utility serving the City.
3. Applicant/Licensee agrees that it shall not permit any person to engage in construction, installation or maintenance of private transmission systems or components thereof, unless such person has first procured either a Communications Contractor=s License or an Electrical Contractor=s License from the City of St. Louis, and unless such person is otherwise properly licensed to do business in the City of St. Louis.