

CFRC TOWER INSTALLATION APPLICATION ADDITIONAL INFORMATION

PURPOSE

Conducting any activity associated with a communication tower located within or on CFRC right-of-way including:

- New tower installations,
- Upgrade/modification to existing facilities

APPLICATION INSTRUCTIONS

The applicant must submit the following:

1. Form

The applicant must submit four (4) copies of FDOT Utility Permit - [Form # 710-010-85](#) with original signatures.

2. Supporting Information

The applicant must submit four (4) copies and one (1) electronic copy (in .pdf format) of the following information:

A. Project Location

- i. City, county, and nearest roadway crossing
- ii. Beginning and ending mile posts of work activities
- iii. Estimated area of occupation
- iv. Location of work activities and distance from the nearest rail

B. Project Information

- i. Estimated project cost
- ii. Starting and ending dates of occupation
- iii. Who is requesting the work with contact information - phone number and email address
- iv. Current agreement number and date, if any
- v. Consultant/Agent/Contractor information including company name, contact person mailing address, phone number, and email address
- vi. Date requesting flagging services if needed and duration of requested service

C. Project Description

- i. Purpose of work
- ii. Scope of work
- iii. Materials
- iv. Anticipated construction means and methods
- v. List the locations and specifications of anticipated construction equipment showing the minimum distance from the centerline of nearest track to the maximum equipment

reach (maximum reach based on the equipment specifications not on the anticipated project equipment activities).

- vi. Geographic features
- vii. Special conditions
- viii. Methods for crossing tracks (if needed)

D. Tower Information

- Number of towers
- Locations (including distance(s) from closest mile post)
- Height
- Tower lighting
- Quantity of antenna to be mounted
- Height of antenna on tower
- Area of ground space required (feet x feet)
- Transmission Frequencies
- Receiving frequencies
- Power present
- Tower owner information including name, address, phone number, and email address
- List of providers on tower
- Minimum distance measured at right angle from centerline of nearest track to edge of ground space required during construction
- Minimum distance measured at right angle from centerline of nearest tracks to tower during construction
- Minimum clearance above Railroad communication and signal Wire during construction
- Minimum distance measured at right angle from centerline of nearest track to edge of ground space required for final installation
- Minimum distance measured at right angle from centerline of nearest tracks to tower for final installation
- Minimum clearance above Railroad communication and Signal Wire for final installation

3. Supporting Drawings and Documents

The applicant must submit four (4) copies and one (1) electronic copy (in .pdf format) of the following information:

- A. Complete design plans for the proposed project, including but not limited to plan view, cross sections, structure design, and required design details for the work to be done. The drawings should be no larger than 11 x 17 (inches) in size and shall include the following as a minimum:
 - i. Area of access on CFRC right-of-way and CFRC right-of-way extent within the project area
 - ii. Street map with the tower site clearly identified
 - iii. Aerial Photo with the tower site clearly identified
 - iv. Site Plan showing proposed tower site compound

- v. Site photos looking north, northeast, east, southeast, south, southwest, west, and northwest
 - vi. Minimum horizontal and vertical distance to the nearest track, railroad crossings, bridge, and/or any other structure within the CFRC property.
 - vii. Dimensions of land space requirements
 - viii. Frequency bands
 - ix. Foundation design
 - x. Anticipated construction equipment locations and specifications
 - xi. Equipment location
 - xii. Tower location and information including material, length, size, structure design, foundation, details of connections.
 - xiii. All existing overhead and underground utilities on CFRC right-of-way shall be considered in the project design. Appropriate measures for protecting or relocating such facilities shall be fully addressed in the plans and contract documents.
- B. Detailed schedule including proposed dates, anticipated starting times and duration for each specific project activity.
 - C. A site safety plan documenting the scope of the activity proposed; equipment required; number of personnel on-site, their roles, the Point of Contact, current status of training of each; safety audits/oversight; emergency action plan; and personal protective equipment required.
 - D. Proof of current insurance as required by FDOT in accordance with the CFRC Information Summary.
 - E. Proof of current Security Clearance issued by e-Railsafe
 - F. Proof of current Safety Training as required by FDOT in accordance with the CFRC Information Summary.
 - G. Copy of the current agreement/permit, if work under an existing agreement/permit

APPLICATION SPECIAL INSTRUCTIONS

- A. If the information submitted with the initial permit application is not complete or is incorrect, FDOT will issue an official Request for Additional Information (RAI) to obtain the required data.
- B. Submission of this permit for approval will only allow the applicant to enter the CFRC Right-of-Way, for the purpose stated in this application and according to the requirements as described above and shown in the attachments.
- B. Submission of this application does not authorize occupancy of the property.
- C. CFRC is under no obligation to grant this request and that CFRC may deny this request for any reason, including but not limited to safety, security, engineering considerations and operating convenience.
- D. Attached plans shall show exact dimensions of the project area and distances to the centerline of the nearest railroad track and road crossing, bridge or other railroad structure (if any).
- E. A copy of the Permit must be kept on site at the work area at all times during the term of the Permit. The permit shall be shown to any representative of FDOT or CFRC upon demand. Project may be suspended if the Permit is not on site when requested.
- F. Any agreements on CFRC right-of-way shall stipulate that any leases will be restricted from communicating in the railroad bands. The limits according to the FCC (47 CF R90.35) are:

From	To	
72	76	MHZ
150	170	MHZ
450	470	MHZ
896	901	MHZ
935	940	MHZ

G. Any installations within one mile of the CFRC yard shall also be restricted from operating in the ISM and UNI bands. These bands include:

From	To	
902	928	MHZ
2400	2500	MHZ
5.125	5.225	GHZ
5.225	5.325	GHZ
5.725	5.825	GHZ

H. No structure shall be placed within thirty (30) feet of the nearest track

I. Ground space must be fenced

J. If FDOT requires site inspection, the Applicant or Applicant's representative is required to attend all site inspections.