



APPLICATION FOR FACILITY/UTILITY INSTALLATIONS

Mail Application To: **South Florida Regional Transportation Authority**
ATTN.: Engineering and Construction Department - Permits Manager
801 N.W. 33rd Street
Pompano Beach, FL 33064

Please Note: Any missing information will cause a delay in processing your request.
 SUBMITTAL MUST INCLUDE THIS COMPLETED APPLICATION AND DRAWINGS

I, the undersigned, hereby acknowledge that the information provided is accurate to the best of my knowledge. I acknowledge that no construction or entry upon the South Florida Rail Corridor (SFRC) is permitted until SFRTA has provided approval and the Florida Department of Transportation has issued an approved Utility Permit.

Applicant Signature _____

Application Date: _____

SFRTA File/Agreement Number: _____

SECTION 1: FACILITY OWNER INFORMATION **TO BE COMPLETED BY APPLICANT**

ALL FIELDS MARKED WITH AN ASTERICK (*) ARE REQUIRED FIELDS AND MUST BE COMPLETED				
Owner/Legal Company Identification (Required)				
*Owner's Complete Legal Company Name:				
Legal Address (1):				
Legal Address (2):				
City:		State:		Zip:
*Business Type:	<input type="checkbox"/> Corporation	<input type="checkbox"/> Limited Liability Company	<input type="checkbox"/> Limited Partnership	
	<input type="checkbox"/> Municipality	<input type="checkbox"/> Limited Liability Partnership	<input type="checkbox"/> General Partnership	
*State of Incorporation:	Other Business Type - Describe:			
Project Contact Information				
*Contact Name:			Contact Title:	
Office Phone:			Mobile Phone:	
*Email:			*24/7 Emergency Phone:	

SECTION 2: PROJECT CONTACT INFORMATION **TO BE COMPLETED BY APPLICANT**

- Check here if address is the same as the legal address above.
- Check here if you do not wish for all correspondence/Agreement to be sent to this address.

Project Engineer/Consultant/Agent Information				
Engineer/Consultant/Agent Company Name:				
Contact Name:				
Mailing Address:				
City:		State:		Zip:
Office Phone:			Mobile Phone:	
*Email:				

Project Reference

Provide Utility Owner Project Reference Number:

Does Applicant have a General/Master Agreement with SFRTA or FDOT?

- Yes General/Master Agreement number and date:
 No

Check box to indicate type of installation request:

- New Installation Request
 Upgrade to Existing Utility within the SFRC
 Replacement of Existing Utility within the SFRC
 Relocation of Existing Utility within the SFRC
 Attaching to or Installing within an Existing Utility within the SFRC

Existing Agreement Number:

Is this project related to another project with SFRTA or FDOT?

- Yes If yes, describe project and provide Applicant's Project Reference
 No

SFRTA or FDOT Contact's name for related project:

Will proposed installation connect to an existing utility owned by another entity within railroad corridor?

- Yes For attachments, replacements, relocations, or upgrades, please provide the name of connecting utility
 No owned by entity other than applicant: _____

Check all boxes that apply to indicate type of installation request:

- Aerial Pole Owner Information:
 Jack & Bore (Availability of bore machine must be confirmed for pipelines 4 inch or less)
 Horizontal Direction Drill (Please complete the Bore Plan Template)
 Other Describe:

Project Description*Description of work within SFRC ONLY (purpose, scope of work, materials, equipment, geographic features, special conditions):***Project Location**

Will utility installation be located entirely within public road right-of-way:

- Yes If yes, provide railroad Milepost and AAR/DOT Crossing Inventory Number of Road (posted at crossing):
 No

Provide latitude and longitude coordinates of actual track crossing location:

Latitude:

Longitude:

*City:

*County:

*State:

SFRC UNDERGROUND (PIPELINES) INSTALLATION APPLICATION INSTRUCTIONS AND INFORMATION

PURPOSE

Conducting any underground activity within/on FDOT/South Florida Rail Corridor (SFRC) property including:

- New pipeline installation crossing or longitudinal to SFRC tracks including underground wirelines in conduits.
- Upgrade/modification to existing pipeline crossing or longitudinal to SFRC tracks including underground wirelines in conduits that is not covered by an executed permit.

Plans and design requirements for underground pipeline installation within SFRC right-of-way shall meet the latest SFRC *Design and Construction Standards - Pipelines*.

APPLICATION INSTRUCTIONS

The applicant must submit the following:

1. Form

The applicant must submit four (4) copies of SFRTA Application for Facility/Utility Installations with original signatures and one (1) electronic copy (in .pdf format).

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 SFRC mileposts 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 e-mail 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. Pipeline commodity
- i. Wireline Commodity
 - Type of service (i.e., transmission, distribution, service, other)
 - Size and type of wire
 - Number of conductors
 - Voltage (if power)
 - Service to be transmitted (i.e., power, telephone, coaxial, fiber optics, other)
 - For fiber optic installation, if applicable, number of innerducts within casing pipe, empty innerducts, and type of facility to be installed within each empty innerduct
 - ii. Other Commodity
 - Type of commodity (i.e., flammable, non-flammable, corrosive, toxic, hazard, other)
 - Commodity to be transmitted
 - Method of transmitting (i.e., gravity, force, liquid, gas, steam, other)
- E. Pipeline Information
- i. Crossing Pipeline
 - Number, location, and angle of each crossings
 - Total buried length of carrier and casing pipes on property
 - Distance from base of rail to top of casing/pipe
 - Distance from ground surface or bottom of ditch to top of casing/pipe
 - Inside diameter of the carrier and casing pipes
 - Wall thickness of both carrier and casing pipes
 - Material and minimum yield point for carrier pipe and casing
 - Maximum operating pressure in pipeline
 - Type of joint
 - Protective coating and type
 - ii. Longitudinal Pipeline
 - Beginning and ending mileposts for the installation
 - Total buried length of carrier and casing pipes on property
 - Distance measured at right angle from centerline of tracks to centerline of pipeline
 - Distance from ground surface or bottom of ditch to top of casing/pipe
 - Inside diameter of the carrier and casing pipes
 - Wall thickness of both carrier and casing pipes
 - Material and minimum yield point for carrier pipe and casing

- Maximum operating pressure in pipeline
- Type of joint
- Protective coating and type
- Type of insulators or supports
- Venting information including number, location, diameter, and height above ground, if applicable

3. Supporting Drawings and Documents

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

- A. Complete design plans for the proposed project, including but not limited to, plan view, cross sections, 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 FDOT/SFRC right-of-way.
 - ii. Minimum horizontal and vertical distance to the nearest track, railroad crossings, bridge, and/or any other structure within the SFRC right-of-way.
 - iii. Anticipated construction equipment locations and specifications
 - iv. All existing overhead and underground utilities on SFRC 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. Copy of the current agreement/permit if this work under an existing agreement/permit.
- E. If Horizontal Directional Drilling (HDD) is proposed, all requirements applicable for HDD's as listed in the latest SFRC *Design and Construction Standards – Pipelines* must be met. Submittal for HDD installation must include a detailed Bore Plan that includes:
 - i. Anticipated rig capacity
 - ii. All proposed equipment
 - iii. Method for advancing the bore hole through expected soil conditions
 - iv. Angles
 - v. Depth
 - vi. Exact location of the launching and receiving pits (must be situated at least 25 feet from the nearest track)
 - vii. The pilot hole diameter
 - viii. The proposed reamed bore hole
 - ix. The contingency equipment and plans for dealing with soil conditions that a geotechnical engineer could reasonably expect to be encountered at the proposed installation site
 - x. The anticipated hours of operation during bore hole drilling and installation process. Consideration for working hours must be given to minimize risk to railroad operations during drilling.

- xi. The minimum number of personnel, and their responsibilities on-duty and on-site, during all drilling operations
- xii. Pre-bore survey gridline with angles and depths defined
- xiii. Statement that the bore will be tracked constantly, with the location and depth marked every 10 feet
- xiv. Statement that once the bore enters SFRC property, the work will be continuous until the drilling is complete and the pipe is pulled into place
- xv. Statement of expected soil conditions including results of geotechnical investigation
- xvi. Statement of all drill heads on site for expected and unexpected soil conditions
- xvii. Type of drilling fluid and additives to be used (straight water is not acceptable)
- xviii. Anticipated drilling fluid volume used for initial bore and pull back of casing pipe
- xix. Anticipated drilling fluid volume recovery (minimum 95%)
- xx. Anticipated drilling fluid pressure
- xxi. Maximum and intended capacities for the bore machine
- xxii. Maximum and intended drilling rate for the bore machine (RPM)
- xxiii. Maximum and intended pressure for the bore machine (PSI)
- xxiv. Maximum and intended fluid volumes for the bore machine (GPM)
- xxv. Statement that applicant's contractor will submit as-built drawings including boring logs upon completion

APPLICATION SPECIAL INSTRUCTIONS

- A. If the information submitted with the initial permit application is not complete or is incorrect, SFRTA will issue an official Request for Additional Information (RAI) to obtain the required data.
- B. Submission and subsequent approval will only permit the applicant to enter the SFRC right-of-way, for the purpose stated in the application and according to the design requirements as described in the supporting information and shown in the attachments.
- C. Submission of this application does not authorize occupancy of the SFRC right-of-way.
- D. SFRTA and FDOT are under no obligation to grant this request and SFRTA and FDOT may deny this request for any reason, including but not limited to safety, security, engineering considerations and operating convenience.
- E. Attached location maps/plans and detailed sketch 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).
- F. Pipelines will be also be reviewed for compliance with The American Railway Engineering and Maintenance of Way Association (AREMA) standards.
- G. For any pipeline conveying gas or liquid substances, steel pipe may be installed.
- H. Pipes carrying flammable substances must be vented.
- I. Bore pits must be placed outside of the SFRC right-of-way. If there are special circumstances which require a bore pit to be placed within the limits of the right-of-way, specific information must be included outlining the need for encroachment within the SFRC right-of-way and written permission must be obtained before construction is allowed.

- J. Misaligned bores will not be pulled and re-drilled, but abandoned in place. New bore locations shall be at least five (5) feet to either side of the misaligned attempt and re-drilled. See the latest *SFRC Design and Construction Standards - Pipelines*.
- K. No wet bores will be allowed. Directional boring must utilize a machine which retrieves a majority (95%) of the drilling fluid slurry used in the placement of lines/casings.
- L. Upon approval by SFRTA, the applicant will need to secure an FDOT Utility Permit – Form #710-010-85.
- M. Upon issuance of an FDOT Utility Permit, the applicant shall contact SFRTA to request flagging services. An SFRTA flagman shall be present whenever the applicant is doing work on, under, over or adjacent to the SFRC.
- N. 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 SFRTA upon demand. Project may be suspended if the Permit is not on site when requested.

SFRC OVERHEAD (WIRELINES) INSTALLATION APPLICATION INSTRUCTIONS AND INFORMATION

PURPOSE

This application is for conducting any overhead activity within/on South Florida Rail Corridor (SFRC) property for wireline installations including:

- New overhead wireline installation crossing or longitudinal to SFRC tracks
- Upgrade/modification to existing wireline crossing or longitudinal to SFRC tracks

Plans and design requirements for overhead wireline installation over SFRC right-of-way shall meet the latest *SFRC Design and Construction Standards – Wirelines*.

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The applicant must submit the following:

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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. Wireline Information
- i. Wireline Type
 - Type of service (i.e., Transmission, Distribution, service, other)
 - Size and type of wire
 - Number of conductors
 - Voltage (if power)
 - Service to be transmitted (i.e., power, telephone, coaxial, fiber optics, other)
 - ii. Crossing Wireline
 - Number , location, and angle of each crossings
 - Total length within SFRC right-of-way
 - Distance from base of rail to lowest sag point of the installation
 - Type of supports
 - Total number of new supports to be installed within SFRC right-of-way
 - Height of supports above ground
 - Minimum vertical clearance above Railroad Track for final installation
 - Minimum vertical clearance above Railroad Communication and Signal Wire for final installation
 - Minimum distance measured at right angle from centerline of nearest track to supports for final installation
 - Minimum vertical clearance above Railroad Track for temporary installation, if applicable.
 - Minimum vertical clearance above Railroad Communication and Signal Wire for temporary installation if applicable.
 - Minimum distance measured at right angle from centerline of nearest track to supports for temporary installation, if applicable.
 - iii. Longitudinal Wireline
 - Beginning and ending mileposts for the installation
 - Total Length within SFRC right-of-way
 - Distance measured at right angle from centerline of nearest track to encroachment
 - Type of supports
 - Total number of new supports to be installed within SFRC right-of-way
 - Height of supports above ground
 - Minimum vertical clearance above Railroad Track for final installation
 - Minimum vertical clearance above Railroad Communication and Signal Wire for final installation
 - Minimum distance measured at right angle from centerline of nearest track to

- supports for final installation
- Minimum vertical clearance above Railroad Track for temporary installation, if applicable.
- Minimum vertical clearance above Railroad Communication and Signal Wire for temporary installation, if applicable.
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3. Supporting Drawings and Documents

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- A. Complete design plans for the proposed project, including but not limited to, plan view, cross sections, 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 SFRC right-of-way and SFRC right-of-way extent within the project limits
 - ii. Minimum horizontal and vertical distance to the nearest track, railroad crossings, bridge, and/or any other structure within the SFRC right-of-way
 - iii. Pole schedule data including locations, material, heights, sizes, structure design, foundation, and details of connections.
 - iv. Anticipated construction equipment locations and specifications
 - v. Equipment location
 - vi. All existing overhead and underground utilities on SFRC 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. Copy of the current agreement/permit if this work under an existing agreement/permit.

APPLICATION SPECIAL INSTRUCTIONS

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- C. Submission of this application does not authorize occupancy of the SFRC right-of-way.
- D. SFRTA and FDOT are under no obligation to grant this request and SFRTA and FDOT may deny this request for any reason, including but not limited to safety, security, engineering considerations and operating convenience.
- E. Attached location maps/plans and detailed sketch 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).

- F. Upon approval by SFRTA, the applicant will need to secure an FDOT Utility Permit – Form #710-010-85.
- H. Upon issuance of an FDOT Utility Permit, the applicant shall contact SFRTA to request flagging services. An SFRTA flagman shall be present whenever the applicant is doing work on, under, over, or adjacent to the SFRC.
- G. A copy of the FDOT 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 SFRTA upon demand. Project may be suspended if the Permit is not on site when requested.