



Utility Application and Agreement Process

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Utility Application and Agreement Process

To serve the needs of utilities, municipalities, and other prospective occupants of its right-of-way, the Virginia Passenger Rail Authority (“VPRA”) will receive and review pipe and wire applications and prepare and execute utility occupancy permits in a timely manner.

RIGHT-OF-ENTRY

Entry on VPRA right-of-way for the purpose of conducting surveys, field inspections, soil examinations, or any other purposes associated with the design and construction of the proposed occupancy will require a proper right-of-entry permit prepared by VPRA. The applicant for such occupancy permit must pay the associated fees, execute the permit, and follow all requirements prior to any entry to VPRA right-of-way.

The issuance of a right-of-entry permit does not constitute authority to proceed with any construction. Construction cannot begin until VPRA executes a formal utility occupancy permit and the Applicant receives permission from the designated VPRA representative to proceed with the work.

Once the VPRA representative grants permission to proceed with the work, all personnel are responsible for knowing and following the applicable local, county, state and federal laws and regulations, and any special provisions which may be imposed by the Federal Railroad Administration (FRA) or other regulatory agencies, including FRA fall protection and Roadway Worker Protection, applicable OSHA requirements, and Department of Homeland Security requirements.

Roadway Worker Safety training is provided by RailPros. Training must be specific to the operating railroad.

[Norfolk Southern Roadway Worker training](#)

[CSX Roadway Worker training](#)

Further information regarding this process may be obtained by contacting Josh Lineberger (realestate@vp.ra.virginia.gov).

PROCESS:

Application packages in PDF format should be emailed to:

- realestate@vp.ra.virginia.gov
- *Proposed plans, materials, and construction will be reviewed within 45 days of receipt of a complete PDF application package.* The applicant will be advised of any additional information required or items not in compliance with VPRA standards. If revised plans are not received within 45 days after comments are provided, the application will be automatically terminated.
- If the proposed project is complete and complies with VPRA standards, an occupancy permit will be prepared and provided for electronic signature by the Applicant within the 45-day period.

- Revised plans will be reviewed within 45 days of receipt, and if determined to be acceptable, a draft agreement will be prepared and provided for electronic signature within this period.
- The Applicant will execute the utility occupancy permit and provide electronic payment of the appropriate permit fees. The Applicant will also provide insurance certificates as defined in the agreement and example below (see Insurance Requirements). Draft agreements are valid for 60 days, and activities will be automatically cancelled in the event an executed agreement is not returned or an extension requested within this period.
- VPRA will execute the utility occupancy permit, and the fully executed permit will be returned to the Applicant, provided that all the appropriate permit fees and insurance requirements have been met.
- VPRA will include the name and telephone number of the appropriate local VPRA construction representative(s) who must be contacted prior to any construction on, or entry onto, VPRA facilities.
- Under no circumstance shall any facilities be installed until the above steps have been completed and VPRA's designated construction representative has been properly notified.

PDF APPLICATION PACKAGE:

- **Cover Letter:** Provide a brief description of the project purpose, objectives and background, or specific circumstances VPRA may need to consider when processing the application, including items such as:
 - End user of facility: provide (1) exact purpose of the facility, (2) expected number of end users, and (3) nature of end user(s) (i.e., individuals, government agency, industry, etc.); if fewer than 10 individual end users, provide name, address, and contact information of end user(s).
 - Facility is required as a result of public highway or bridge construction: provide name and contact of project sponsor.
 - Facility is required to support VPRA facilities: provide name and contact of VPRA sponsor.
 - Previous understandings with VPRA representatives: provide copies of relevant correspondence, name, and title of VPRA contact, and understanding with VPRA.
 - Track ownership (i.e., industry owned or VPRA owned).
- **Application Form:** Complete all questions on the enclosed form.
- **Location Map:** Provide a detailed location map indicating the proposed location of the facility, the railroad, and local streets and highways.
- **Location Plan:** VPRA must have a permanent record of the facility location, based upon railroad mileposts and valuation map stationing, and GPS latitude and longitude information. It is recognized that many applicants will not have access to this information. To assist the application process, the location plan should include the distance from a milepost marker or centerline of the nearest street grade crossing or bridge to the proposed facility.

- Applicants should also identify the DOT/AAR Number of the nearest public grade crossing. All public rail-highway crossings have a unique number assigned in a format such as “123 456B.” A metal tag indicating the number is located on the crossbuck or flasher post at the crossing.
- **Plans and Specifications:** All PDF packages shall include plans and specifications. The plans shall follow the format and contain the data described in *Specifications for Wireline Occupancy of VPRA* for underground facilities or *Specifications for Wireline Occupancy of VPRA* for aerial facilities. The minimum requirement for all applications is a plan view, profile view (cross section), and a Pipe Data Sheet (pipelines only) or a Conduit Data Sheet (conduits only). All plans shall have a Plan Number and be dated.
 - The above statement also applies to revised plans.
- **Application and Processing Fees:** All applications will require a non-refundable review fee (see Table 1 below).

Table-1

UTILITY APPLICATION FEES**

Utility Type	Normal (\$)	Variance Amount (\$)*
Aerial Crossings		
Wireline	1,500	5,000
Pipeline	Not permitted	Not permitted
Subgrade Crossings		
Wireline	2,000	5,500
Pipeline	2,500	6,000

**A variance review requires more time to evaluate applications that do not meet the VPRA utility specifications. It will be identified during the first review. The variance fee can be paid for review of the submitted plans or the plans can be revised to meet the specifications.*

***The application fee is solely for the engineering review of the application and does not encompass other costs to be imposed by VPRA for the utility license, insurance, and other matters.*

VPRA RESERVES THE RIGHT TO CHARGE ADDITIONAL FEES AND/OR ALLOW VPRA’S CONTRACTORS, CONSULTANTS, AUDITORS, ETC. TO INVOICE DIRECTLY FOR (1) DIRECT COSTS FROM VPRA’S CONTRACTORS, CONSULTANTS, AUDITORS, ETC. IN CONNECTION WITH UTILITY ENCROACHMENTS AND (2) ADDITIONAL FEES FOR ANY PERMIT SUBMITTAL THAT REQUIRES OR MORE REVIEWS OF REVISIONS TO THE ENGINEERING DRAWINGS.

The first two reviews are included in the initial application fee. Each additional review after that will incur a \$500 charge.

- The time period required by VPRA to process an application is dependent upon the quality of the information submitted, and applicants are urged to carefully follow the suggested guidelines for submission.

REQUESTS FOR INFORMATION:

Prospective applicants may contact Josh Lineberger (realestate@vpva.virginia.gov).

VPRA RIGHT-OF-WAY INFORMATION:

Applicants should obtain current property ownership information from local sources typically used for this purpose, such as deeds recorded in the local city or county. After receipt of an application, VPRA will verify and provide VPRA right-of-way widths and parcel information to the Applicant, but without any warranty by VPRA as to their accuracy. If the right-of-way width is critical for plan development, please first submit an application; after which, VPRA will coordinate final plan preparation with the Applicant.

APPLICATION OR AGREEMENT STATUS CHECK:

Complete PDF application packages will be processed in the below typical time frames:

- **Transverse Crossings:** 45 days
- **Longitudinal Occupancy less than 500 feet:** 45 days
- **Complex Requests:** All applications are given the same priority. However, complex requests or non-compliant requests require special attention and additional time. You will be notified if additional time will be required.

You will be contacted during this period if additional information or revised plans are required. If you would like to verify receipt of an application or check on the status of an application, please submit an inquiry to Josh Lineberger (realestate@vpva.virginia.gov).

MAINTENANCE OF EXISTING FACILITIES

Notwithstanding issuance of a utility occupancy permit, except for an emergency, entry on VPRA right-of-way for the purpose of maintaining existing facilities requires advance written notice that shall include the following:

- Copy of the current utility occupancy permit for the facility, including exhibits
- Detailed description of proposed work
- Evidence of insurance as required by VPRA
- Written confirmation that you will pay VPRA, within thirty (30) days after delivery of an invoice therefore, for all protection and inspection costs incurred by VPRA during any entry

It is recommended that you provide 90 days' advance notice of intention to perform programmed maintenance. Emergency entry will be coordinated as may be reasonable under the circumstances.

Any change to the character, capacity, use or location of the Facilities shall require submission of a new application, execution of a new utility occupancy permit, and payment of all applicable fees.

INSURANCE REQUIREMENTS

Upon execution of the utility occupancy permit and prior to entry onto the VPRA property or right-of-way to start any construction work, VPRA requires the following insurance coverage:

Commercial General Liability

Coverage at applicant or applicant's contractor sole cost and expense with limits of not less than \$5,000,000 in combined single limits for bodily injury and/or property damage per occurrence, and such policies shall name VPRA and the appropriate operating railroad as an additional named insured. The policy shall include endorsement for Insurance Services Office (ISO) CG 24 17 evidencing that coverage is provided for work within 50 feet of a railroad. If such endorsement is not included, railroad protective liability insurance must be provided as described below.

Commercial Automobile Liability Insurance

Policy with limits of not less than \$1,000,000 combined single limit for bodily injury and/or property damage per occurrence, and such policies shall name VPRA and the appropriate operating railroad as an additional insured. The policy shall include endorsement ISO CA 20 70 evidencing that coverage is provided for work within 50 feet of a railroad. If such endorsement is not included, railroad protective liability insurance must be provided as described below.

Statutory Worker's Compensation and Employers Liability Insurance

Policy with limits of not less than \$1,000,000, which insurance must contain a waiver of subrogation against VPRA and its affiliates if permitted by state law.

Railroad Protective Liability Insurance

Applicant or Applicant's contractor shall furnish evidence to VPRA that, with respect to the operation the Applicant or any of the Applicant's contractors and sub-contractors perform, the Applicant has provided for and on behalf of VPRA, Railroad Protective Liability Insurance with limits of not less than \$5,000,000 combined single limit for bodily injury and/or property damage per occurrence and an aggregate limit in the amount of \$10,000,000 for each annual period.

The above railroad protective policy of insurance shall conform to the railroad liability requirements prescribed by the Federal Administration in Federal Aid Policy Guide 23 CFR 646A as amended. The Railroad Protective Insurance Policy must be on the ISO/RIMA Form of Railroad Protective Insurance - ISO Form CG 00 35.

The corporate name and address of the "Named Insured" and "Additional Insured" as listed on the policy shall be as follows:

Named Insured:
Virginia Passenger Rail Authority
919 East Main Street, Suite 2400
Richmond, VA 23219

Additional Insured:

This information will be based on location and will list the information for the railroad operating the line.

The description of operations must appear on the Declarations, must match the project description in this agreement and must include the appropriate MP and/or OP number. The job location must appear on the Declarations page and must include the city, state, and appropriate highway name/number. The name and address of the prime contractor must appear on the Declaration. The name and address of the applicant must be identified on the Declarations as "Other Contracting Party."

Endorsements that must be included:

Pollution Exclusion Amendment - CG 28 31 (not required with CG 00 35 01 version 96 and later)

Other endorsements/forms that will be accepted include:

- Broad Form Nuclear Exclusion - Form IL 00 21
- 30 day Advance Notice of Non-renewal or Cancellation
- Required State Cancellation Endorsement
- Quick Reference or Index Form CL/IL 240

Endorsements/forms that are NOT acceptable are:

- Any Pollution Exclusion Endorsement, except CG 28 31
- Any Punitive or Exemplary Damages Exclusion
- A "Common Policy Conditions" Endorsement
- Any other endorsement/form not specifically authorized above
- Any type of deductible policy

General Insurance Requirements

The insurance hereinbefore specified shall be with an acceptable insurance company authorized to do business in the Commonwealth of Virginia, and shall be kept in effect until all work required to be performed under the terms of the contract is satisfactorily completed as evidenced by the formal acceptance by the Agency. Such policies shall include thirty (30) days canceling notice. The cost of the insurance hereinbefore specified shall be included in the cost of work requiring such insurance.

Additional Terms

1. All insurance companies must be A. M. Best rated A- and Class VII or better.
2. Contractor must submit its original insurance policies and 2 (two) copies and all notices and correspondence regarding the insurance policies to:
Virginia Passenger Rail Authority
Attn: Michael Westermann
919 East Main Street, Suite 2400
Richmond, VA 23219
3. Neither applicant nor Contractor may begin work on the project until it has received VPRA's written approval of the required insurance policies.

Questions regarding insurance requirements shall be directed to Josh Lineberger (realestate@vpra.virginia.gov).

Forms

APPLICATION FOR PIPE OR WIRE OCCUPANCY

Please fill out questions 1-7 and include these pages with your application. Once questions 1-7 are completed, proceed to the applicable section:

PAGE 9 - TECHNICAL DETAILS FOR AERIAL WIRELINE OCCUPANCIES

PAGE 11 - TECHNICAL DETAILS FOR UNDERGROUND WIRELINE OCCUPANCIES

PAGE 13 - TECHNICAL DETAILS FOR PIPELINE OCCUPANCIES

Please answer all questions and return to:

realestate@vpra.virginia.gov

1. Legal Name and Address of Applicant (party to agreement)

Legal Name**: _____

Street: _____

City: _____ State: _____ Zip: _____

**Please ensure that the exact legal name is provided with no additional abbreviations not found in the legal name. This name will be used for agreement preparation, as well as the information below.

2. Applicant (party to agreement) is a:

() Corporation – give state of formation: _____

() Limited Partnership – give state of formation: _____

() General Partnership – give state of formation: _____

() Sole Proprietorship – give state of formation: _____

() Individual

() Government Entity

() Other: _____

3. Name and address of Applicant's representative:

Name: _____

Title: _____

Company: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____

E-Mail Address: _____

4. Location of proposed facility:

City/Municipality: _____ County: _____ State: _____

Name of closest street crossing of railroad: _____

Street grade crossing AARDOT #: _____

GPS coordinates: Latitude _____ Longitude _____

Footage (_____) and direction (N/S/E/W) from Railroad Mile Post No. _____

or center of public highway crossing or bridge _____

(Name of Street)

- 5. Will facility be located entirely within confines of a public highway right-of-way?
 Yes * No
 * If yes, provide conclusive evidence for verification in the form of a letter or memo from the appropriate road authority indicating that proposed installation is acceptable to the road authority
 Street width: _____ Street right-of-way width: _____
 Road authority responsible for street maintenance
 Name: _____
 Address: _____

 Contact: _____
 Telephone: _____

- 6. Proposed facility to be installed is a:
 New facility Upgrade of an existing facility*
 *If an upgrade, please identify and attach copy of current agreement for the facility.

- 7. Proposed installation/construction date(s): _____

If application is approved, applicant agrees to reimburse VPRA for any cost incurred by VPRA related to incident to installation, maintenance, and/or supervision necessitated by this pipeline or wireline installation. The applicant further agrees to assume all liability for accidents or injuries which arise because of this installation.

_____ Date

_____ Signature



TECHNICAL DETAILS FOR AERIAL WIRELINE OCCUPANCIES

(Complete all Applicable Information)

- a) Type of Proposed Installation:
 - i) _____ Transverse crossing only
 - ii) _____ Longitudinal (parallel to tracks) occupancy only
 - iii) _____ Longitudinal and transverse crossing(s)
 - iv) _____ Wire line in highway under railroad bridge
 - v) _____ Wire line on highway bridge over railroad
- b) Type of wire: () Cable TV () Telephone () Electric Power () Fiber Optic ()
Other – please specify: _____
- c) Will poles be located on VPRA's right-of-way?
() Yes () No
- d) Are the poles existing or new poles? Steel or wood poles?
() Existing - () Steel or () Wood
() New - () Steel or () Wood
- e) Will there be any guy wires on VPRA right-of-way?
() Yes, # of guy wires - _____ () No
- f) Will wire line cross existing railroad communication and/or signal lines?
() Yes () No
- g) Minimum height of wire above top of rail at 65°F _____ (ft.)
Minimum height of wire above railroad communication and signal wires at 65°F
_____ (ft.)
- h) Specification of wire line:
Gauge of wire: _____
Total number of wires: _____
Material of wire: _____
Maximum circuit voltage (phase to ground): _____
Total number of fibers or pairs in FOC: _____
Cable type and capacity: _____

All wire line applications shall include a plan and profile view of the proposed facility. See the [VPRA SPECIFICATIONS FOR WIRELINE OCCUPANCY](#) for the required format. Below is a suggested checklist for your plan development.

Plan View (See VPRA SPECIFICATIONS FOR WIRELINE OCCUPANCY Specification, Plate II)

- All railroad tracks
- Indicates distance (in feet) to railroad mile post or grade crossing
- Angle of crossing relative to railroad track(s)
- Dimensioned property lines
- Location of poles and distance to butt of pole to nearest railroad track centerline
- Location of all existing railroad pole lines and all utility lines
- Indicate span length across tracks from pole to pole
- Location of railroad pole lines or signal facilities
- Location of any above ground utilities
- If proposed wire line is within highway limits or in the vicinity of a grade crossing, location, and type of grade crossing traffic control devices (mast flashers, cantilever flashers, gates, etc.) and clearance from existing devices to proposed wire line

Cross Section View (See VPRA SPECIFICATIONS FOR WIRELINE OCCUPANCY, Plate III)

- All railroad tracks
- Dimensioned property lines
- Location of poles and distance to butt of pole to nearest railroad track centerline
- Vertical clearance from top of rail of all tracks to bottom of sag
- Location of all existing railroad pole lines and all utility lines
- Vertical clearance from existing railroad pole lines and proposed wire line
- Indicate span length across tracks from pole to pole
- If proposed wire line is within highway limits or in the vicinity of a grade crossing, location, and type of grade crossing traffic control devices (mast flashers, cantilever flashers, gates, etc.) and clearance from existing devices to proposed wire line

TECHNICAL DETAILS FOR UNDERGROUND WIRELINE OCCUPANCIES

(Complete all Applicable Information)

- a) Type of Proposed Installation:
 - i) Transverse crossing only
 - ii) Longitudinal (parallel to tracks) occupancy only
 - iii) Longitudinal and transverse crossing(s)
 - iv) Wire line in highway under railroad bridge
 - v) Wire line on highway bridge over railroad
- b) Type of wire: Cable TV Telephone Electric Power Fiber Optic
 Other (Specify): _____
- c) Specification of Wire Line:
 - Gauge of Wire: _____
 - Material of Wire: _____
 - Max. circuit voltage for Electric Power line: _____
 - Max. circuit voltage for secondary circuits: _____
 - Total Number of Fibers in FOC: _____
 - Total Number of Pairs in Telephone: _____
 - Cable type and capacity: _____
- d) Specification of Conduit (Encasement):
 Please use Plate I from the VPRA Specification for Wireline Occupancy.
- e) Will conduit be a casing pipe for multiple innerducts?
 Yes* No

*If yes, provide a cross section of the casing pipe indicating all innerducts with the content of each innerduct clearly labeled. Spare ducts shall be clearly indicated. See last page of this application for Conduit Data Sheet and an example of a cross section.
- f) Proposed method of installation (Check proposed method):
 WET BORES OR WATER JETTING IS NOT PERMITTED.
 - i) Bore and Jack (Steel Pipe) (See Section 2.3.5 of VPRA SPECIFICATIONS FOR WIRELINE OCCUPANCY)
 - ii) Direction Boring/Horizontal Direction Drilling – Method A (See Section 2.3.6 of VPRA SPECIFICATIONS FOR WIRELINE OCCUPANCY)
 - iii) Direction Boring/Horizontal Direction Drilling – Method B (See Section 2.3.7 of VPRA SPECIFICATIONS FOR WIRELINE OCCUPANCY)
 - iv) Other (Specify)

All underground conduit applications must include a Conduit Data Sheet, Plan and Profile View of the proposed facility. See the VPRA SPECIFICATIONS FOR WIRELINE and **the** VPRA SPECIFICATIONS FOR PIPELINE OCCUPANCY for the required format. Below is a suggested checklist for your plan development.

Conduit Data Sheet (blank copy attached)

Plan View of Crossing (See VPRA SPECIFICATIONS FOR WIRELINE OCCUPANCY Plate II, check blanks to verify complete plans)

- ___ All railroad tracks, including distance to any turnouts from proposed conduit
- ___ Indicates distance (in feet) to railroad mile post or grade crossing
- ___ Angle of crossing relative to railroad track(s)
- ___ Dimensioned property lines
- ___ Location of signs (preferably located at edge of property or right-of-way lines)
- ___ Location of railroad pole lines or signal facilities
- ___ Location of any above or below ground utilities
- ___ Conduit casing pipe length
- ___ If proposed conduit is within highway limits, show the location and type of grade crossing traffic control devices (mast flashers, cantilever flashers, gates, etc.)
- ___ Location of launching and receiving pits

Profile View of Crossing (See VPRA SPECIFICATIONS FOR WIRELINE OCCUPANCY Plate III)

- ___ Profile of ground above crossing
- ___ Dimensioned property lines
- ___ Theoretical railroad embankment lines (see VPRA SPECIFICATIONS FOR WIRELINE OCCUPANCY PLATE VII)
- ___ Proposed location and elevations of launching and receiving pits
- ___ Casing pipe length
- ___ Bottom of rail elevation
- ___ Depth of cover between bottom of rail and top of conduit or casing pipe
- ___ Location of and the minimum depth of cover from ground line to top of conduit or casing pipe on right-of-way (such as ditches)

TECHNICAL DETAILS FOR PIPELINE OCCUPANCIES

(Complete all Applicable Information)

- a) Type of Proposed Installation:
 - i) Transverse crossing only
 - ii) Longitudinal occupancy only
 - iii) Longitudinal and transverse crossing(s)
 - iv) Pipeline in highway under railroad bridge
 - v) Pipeline on highway bridge over railroad
 - vi) Pipeline bridge over railroad
- b) Material to be conveyed: _____
- c) Diameter of carrier pipe: _____
- d) Diameter of casing pipe: _____
- e) Proposed method of installation (Check proposed method)
 - i) Bore and Jack (See Section 5.1.3 of VPRA SPECIFICATIONS FOR PIPELINE OCCUPANCY)
 - ii) Jacking (See Section 5.1.4 of VPRA SPECIFICATIONS FOR PIPELINE OCCUPANCY)
 - iii) Tunneling (Tunnel Liner Plate) (See Section 5.1.5 of VPRA SPECIFICATIONS FOR PIPELINE OCCUPANCY)
 - iv) Direction Boring/Horizontal Direction Drilling – Method A (See Section 5.1.6 of VPRA SPECIFICATIONS FOR PIPELINE OCCUPANCY)
 - v) Direction Boring/Horizontal Direction Drilling – Method B (See Section 5.1.6 of VPRA SPECIFICATIONS FOR PIPELINE OCCUPANCY)
 - vi) Open Cut (See Section 5.1.2 of VPRA SPECIFICATIONS FOR PIPELINE OCCUPANCY)
 - vii) Other (Specify):

All proposed transverse pipeline crossing applications shall include the following:

- a. Pipe Data Sheet (blank copy attached)
- b. Plan View of Crossing (See VPRA SPECIFICATIONS FOR PIPELINE OCCUPANCY Plate II, below is a suggested check- list for your plan development)
 - All railroad tracks, including distance to any turnouts from proposed pipeline
 - Indicates distance (in feet) to railroad mile post or grade crossing
 - Angle of crossing relative to railroad track(s)
 - Dimensioned property lines
 - Location of valves (if required by VPRA SPECIFICATIONS FOR PIPELINE OCCUPANCY)

- ___ Location of vents (if required by VPRA SPECIFICATIONS FOR PIPELINE OCCUPANCY)
- ___ Location of signs (preferably located at edge of property or right-of-way lines)
- ___ Location of railroad pole lines or signal facilities
- ___ Location of any above or below ground utilities
- ___ If proposed pipeline is within highway limits, show the location and type of grade crossing traffic control devices (mast flashers, cantilever flashers, gates, etc.)
- ___ Casing pipe length
- ___ Location of launching and receiving pits

Profile View of Crossing (See VPRA SPECIFICATIONS FOR PIPELINE OCCUPANCY Plate III, below is a suggested checklist for your plan development)

- ___ Profile of ground above crossing
- ___ Distance to valves (if required by VPRA SPECIFICATIONS FOR PIPELINE OCCUPANCY)
- ___ Distance to vents and height above ground (if required by VPRA SPECIFICATIONS FOR PIPELINE OCCUPANCY)
- ___ Distance to signs
- ___ All known property lines
- ___ Theoretical railroad embankment lines PLATE III
- ___ Proposed location and elevations of launching and receiving pits
- ___ Casing pipe length
- ___ Bottom of rail elevation
- ___ Depth of cover between bottom of rail and top of casing pipe (or carrier pipe if casing pipe not required)
- ___ Location of and the minimum depth of cover from ground line to top of casing pipe on right-of-way (such as ditches)

c. General Notes

All plans shall include the following General Notes:

- Contractor shall follow all requirements of VPRA’s SPECIFICATIONS FOR PIPELINE OCCUPANCY
- Pipeline and crossing to be installed and maintained in accordance with last approved AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION Specifications for Pipelines Conveying Flammable and Non- flammable Substances
- Blasting not permitted

PIPE DATA SHEET

	CARRIER PIPE	CASING PIPE
Contents To Be Handled		
Normal Operating Pressure		
Nominal Size of Pipe		
Outside Diameter		
Inside Diameter		
Wall Thickness		
Weight Per Foot		
Material		
Process of Manufacture		
Specification		
Grade or Class		
Test Pressure		
Type of Joint		
Type of Coating		
Details of Cathodic Protection		
Details of Seals or Protection at End of Casing		
Method of Installation		
Character of Subsurface Material		
Approximate Ground Water Level		
Source Of Information on Subsurface Conditions		

CONDUIT DATA SHEET

(For Telecom and Power Conduits only, 6" in diameter or less)

	CONDUIT/CASING PIPE
NOMINAL SIZE OF PIPE	
MATERIAL*	
OUTSIDE DIAMETER	
INSIDE DIAMETER	
WALL THICKNESS – must be at least 0.188"	
TYPE OF COATING	
METHOD OF INSTALLATION*	

*STEEL conduits require at least 10' depth below base of rail
 HDPE conduits will be considered at least 15' depth below base of rail

As per the VPRA's SPECIFICATIONS FOR PIPELINE OCCUPANCY, the following are potential methods for installing conduits or casing pipes for wirelines:

- _____ Open Cut (Section 5.1.2)
- _____ Jack & Bore (Section 5.1.3)
- _____ Directional Boring Method "A" (Section 5.1.6) – no pits required
- _____ Directional Boring Method "B" (Section 5.1.6) – pits required, but can only be used for casing pipes (conduits) 6 inches or less.

MULTIPLE INNERDUCTS

NUMBER OF INNERDUCTS WITHIN CASING PIPE: _____

- Provide a detail or cross section of the casing pipe with innerducts (see below).
- Clearly mark the type of facility that will be installed within each innerduct. If innerduct will be left spare or empty, please identify that.

