



Additional Information and Drawing Checklist

Pipeline or Utility Conveyance

Pipelines and Utility conveyances include transmission and distribution lines for water, gas, sewage, petroleum, communication cables, and electricity.

Check online application help to see if your project qualifies for an exemption or a Noticed General Permit (NGP) before filling out the individual permit application. Exemptions and NGPs exist for certain aerial, subaqueous and underground utility pipelines, cables and conduits.

If your project is in, on or over State-owned submerged lands, a proprietary easement may be required.

Use this checklist to check your application for completeness. Make sure all applicable information is included. This checklist is intended to supplement, not replace, the general information requirements outlined in Sections D and E of the Joint Application.

Written Description (use additional sheets)

- ☐ Describe the existing and proposed activities at the project site. Include a description of any channels, bridges, groins, jetties, pipelines or other utility crossings and any other structures or activities existing or proposed.
- ☐ Indicate the type of transmission or distribution line (Example: natural gas, drinking water, treated or untreated effluent [force main or gravity main], petroleum, etc.).
 - For effluent outfall pipes, indicate the level of treatment that wastes will receive prior to discharge.
 - For utility crossings, justify the installation method (Example: aerial vs. subaqueous crossing).
 - For borrow sites, indicate how the site was selected and describe how the material will be used and how it will be transported.
- ☐ Describe the type of materials (Example: PVC, galvanized steel, ductile iron, etc.) for the transmission or distribution line and the anticipated life expectancy
- ☐ Describe the method of excavation and the amount and type of material to be excavated from each waterbody and wetland crossing site

- ☐ Describe erosion, sedimentation and turbidity control measures to be used at each waterbody and wetland crossing site. Include a description of how slopes will be stabilized.
- ☐ Include a timeline for completion of each crossing including surface stabilization and re-vegetation
- ☐ Describe the methods proposed to restore water quality and adjacent habitats at each wetland crossing after construction
- ☐ Provide a detailed description and map of the wetland and submerged land resource characteristics within the pipeline area. If the area contains wetland, submerged or emergent vegetation, oyster beds, hard or soft corals, sponges, or other valuable resources, include a map of the location of those resources
- ☐ For outfall or intake structures:
 - Describe the designed maximum flows for the outfall/intake and design criteria used
 - Describe the normal operational discharge/intake flows
 - Describe the invert elevation for the proposed structure
 - Describe the outfall/intake topography, water body bathymetry, sediment grain size distribution and silt/clay content percentage at the outfall/intake location
 - Describe construction at the shoreline/waterline intercept
- ☐ For drainage culverts:
 - Describe existing and proposed flow cross-sections and flow volumes at high and low water, including maximum and minimum discharges if applicable
 - Describe the volume discharges for specified storm (flood) events
 - Describe the culvert dimensions and cross-sectional area
 - If discharging into a navigable waterbody, provide a description of the sediment grain size distribution and silt/clay content percentage

Drawing Items (to be included in addition to general drawing requirements listed in the General Checklist)

- ☐ All drawings must be signed and sealed by an appropriate Florida registered professional
- ☐ Show the boundaries of any wetlands or other surface waters in the project area
- ☐ Show the location of erosion, sedimentation and turbidity controls
- ☐ Show the location of the pipeline crossings in relation to uplands, wetlands and waterbodies, including fixed reference points

- ☐ Show the origin and destination of the transmission or distribution line, including the proposed route
- ☐ Show the size of the transmission or distribution lines, including depth and width of installation
- ☐ If trenching is used in installation, provide the following:
 - Total trench dimensions, including depth, length, top and bottom width, and side slopes at each water crossing location (clearly show those on plan and cross sectional views)
 - Temporary spoil locations and acreage of impact
 - Methods of backfilling, including any cover material to protect the lines from anchors, etc.
 - Details of dewatering methods (if required)
 - Description of proposed access points to the project site and any additional wetland areas to be impacted by equipment operations
- ☐ Show any re-vegetation plans, including species used
- ☐ Provide a recent aerial photo of the area, use a scale of 1inch = 200 feet if possible
- ☐ For outfall and intake structures:
 - Show the outfall/intake dimensions
 - Show the invert elevation for the structure
 - Show outfall/intake topography and bathymetry (water depths)
 - Show construction details at the shoreline/waterline intercept
- ☐ For drainage culverts:
 - Show the mean high and mean low water elevations (if applicable)
 - Show the culvert dimensions and cross-sectional area
 - Provide a drainage map showing the area served by the proposed culvert. Include backwater calculations