

| FEDERAL & STATE REQUIREMENTS | | | |
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| Phase | Step in Process | Federal Requirement | State Requirement |
| Scoping | Early Project Notification | | Section 10.1-1188B |
| | Environmental Review Process (ERP) | 23 CFR 771 , | § 10.1-1188B |
| | Permit Determination | 33 USC 1344 , 33 USC 401 , Section 26A of the TVA Act | § 62.1-44.15:20 4 VAC 20-333-10 et seq , 9 VAC 25-210 and 9 VAC 25.680 |
| | Route Survey | | § 33.1-94 , §33.1-18 |
| | Preliminary MOT/TMP | 23 CFR 630 Subpart J | |
| | Typical Sections (including Bridge typical Bike & Peds) | 23 CFR 652 ; 23 USC 217(e) 23 USC 109 (m) | §33.1-23.03 |
| | Hydraulic Analysis | 23 CFR 650.117 | |
| | Initial Noise Abatement Assessment | 23 CFR 772 | 24 VAC 30-80 , § 33.1-12 , VDOT Policy |
| | Wetland/Stream Screening | 33 USC 1344 Section 404 | § 62.1-44.15 |

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| Preliminary Design | Noise Abatement Design | 23 CFR 772 | 24 VAC 30-80, VDOT Policy |
| | Hydraulic/E&S Design | | §10.1-561 |
| | Bridge Hydraulic Analysis | 23 CFR 650 | |
| | Stream/Wetland Coordination | 33 USC 1344 Section 404 | 9 VAC 25-660-90 ,210 , § 62.1-44.15 |
| | Draft Environmental Document (CE, EA, EIS) | 23 CFR 771 | |
| | Public Outreach/Public Hearing | 23 USC 128 23 CFR 771 40 CFR 1506 | §33.1-18, 33.1-70.2 24 VAC 30-11-10, & 33.1-269.7, 24 VAC 30-380 |
| | Willingness Posted | 40 CFR 1506 23 CFR 771 | |
| | Value Engineering | 23 CFR 627.1 | § 33.1-190.1 |

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| Detailed Design | Final Environmental Document | 23 CFR 771 | |
| | Authorize R/W Total Take Parcels | 49 CFR 24.102 , 23 CFR 710.23 , CFR 710.501/503 | § 33.1-300 , 89 , §33.1-90 , §25.1 , §25.1-417 , §33.1-272 |
| | Notice to Proceed Totals | 49 CFR Subpart B | §33.1-90 |
| | R/W Relocations | 49 CFR 24.201 | VAC 56-468.2 |
| | Noise Abatement Design | 23 CFR 772 | §33.1-223 , 252.1 , VDOT Policy |
| | Stream / Wetland Compensation & Mitigation | 33 USC 1344 Section 404 | 9 VAC 25-210 |
| | Erosion & Sediment Control | 23 CFR 650.203 | § 10.1-561 , VAC 10.561 , 4VAC25-130 , 4VAC50-30-30 |
| | Scour Analysis | 23 CFR 650 subpar A | |
| | Stormwater Management | 40 CFR 130.6 | VDOT Policy , §15.2-2114 |
| | MOT/TMP Plans | 23 CFR 630 Subpart J | |
| | Coast Guard Permit | 49 CFR 1.46 | |

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| Phase | Step in Process | Federal Requirement | State Requirement |
| Final Design and ROW Acquisition | Environmental Re-evaluation for R/W Authorization | 23 CFR 771 | |
| | Authorize R/W & Utilities (Partial Take Parcels) | 23 CFR 645 | §33.1-90 |
| | MOT/TMP Plans | 23 CFR 630 Subpart J | |
| | Final Erosion & Sediment Control | 23 CFR 650.207-211 | § Section 10.1-561 |
| | Final Hydraulics | 23 CFR 650.115 | 9VAC25-790-880 |
| | Environmental Permit Acquisition | 33 USC 1344 , 33 USC 401 , Section 26A of The TVA Act | Section 62.144 15:20, 4 VAC 20-333-10 et seq, 9 VAC 25-210, 9 VAC 25-680 |
| | Stream/Wetland Compensation & Mitigation | 23 CFR 777 | 9VAC25-210-45 |
| | R/W Relocations | 49 CFR 24 Subpart b | § 25.1-400-416 |
| | Utility Relocations | 23 CFR 645 | § 33.1-55, 56 |

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| Advertise Plans | VSMP Permits | 23 CFR 650 | §10.1-603.2:1 |
| | Environmental Certification/PS&E Reevaluation | 23 CFR 771 | |
| | Coast Guard Permits | 49 CFR 1.46 | |
| | Railroad Right of Entry Agreement | 23 CFR 646 | |
| | Advertise Project | 23 CFR 630 | |