

Guardrail and Barrier Rail

| Type of Construction | Material | Test | Frequency of Acceptance Samples and Tests for Job Control | Construction Stages for Obtaining Sample or Test | Sample Size | Procedures | | Remarks |
|----------------------------|---------------------------------|-------------------------------------|---|--|-------------|-----------------|--------------------|---|
| | | | | | | Sampling Method | Test Methods | |
| Guardrail and Barrier Rail | Steel Beam Guardrail | | Accepted on Brand Registration | | | | Visual for damage | See List II-17 in Materials, Sources, and Devices with Special Acceptance Requirements Manual |
| | Aluminum Beam Guardrail | | See ALDOT-195; Section 2.4 | | | | | |
| | Steel Barrier Rail | | | | | | | |
| | Aluminum Barrier Rail | | | | | | | |
| | Wire Rope | | Certified Test | | | | | Submit on Form BMT-170 with Certifications To Division Materials Engineer |
| | Steel Posts and Blocks | Chemical and Physical | Certified Test | Prior to Installation | | | Visual for damages | Submit on Form BMT-170 with Certifications To Division Materials Engineer |
| | Aluminum Posts and Blocks | | See ALDOT-195; Section 2.3 | | | | | |
| | Treated Timber Posts and Blocks | Physical See ALDOT Procedure-348 | Certified Test | Prior to Installation | | | Visual for damages | Submit on Form BMT-170 with Treatment Reports To Division Materials Engineer |
| | Composite Blocks | | See ALDOT-195; Section 2.4 | | | | | |
| Concrete for End Anchors | See Section 501 | | | | | | | |