



## Evergy Requirements for Construction within Transmission Easements

**Below are examples of typical requirements within Evergy transmission line easements. The examples are for new modifications within the easement and may not apply to features already existing within the easement.**

**These examples are intended to provide guidance for planning modifications within Evergy transmission easements and do not constitute approval from Evergy. Evergy will need to review and approve the modifications to ensure the transmission lines will continue to operate safely under current and future conditions.**

### **General Requirements:**

- 1) No permanent structures, buildings, enclosures, or sheds are allowed within the easement.
- 2) No retention or detention basins are allowed within the easement.
- 3) No swimming pools (above ground and inground) or pool decks are allowed within the easement.
- 4) No retaining walls are allowed within the easement.
- 5) Changes to grading within the easement shall be sent to Evergy for approval.
  - a. Under no circumstance shall grade be modified within 25 feet (measured horizontally) of poles and anchors.
- 6) Access must be maintained throughout easement to existing structures and wires for inspection and maintenance.
- 7) All changes within the easement shall comply with the current versions of Evergy Design Standards, including but not limited, to the National Electric Safety Code (NESC) and ANSI C2. These changes shall be reviewed by Evergy transmission engineering to verify compliance to Evergy Design Standards.
- 8) The following above grade objects are not allowed within the easement:
  - a. No mature tree height greater than 10 feet above grade or placed within 10 feet of wire horizontally.
  - b. No lighting, signage, and traffic signal structures greater than 10 feet above grade or placed within 10 feet of wire horizontally.
  - c. No fencing greater than 10 feet above grade.
- 9) Lighting, signage, traffic signal, and landscaping plans shall be reviewed by Evergy for approval before construction in order to verify compliance with Evergy Design Standards.
- 10) All NESC, OSHA, Kansas, and Missouri regulations and Evergy safety requirements shall be followed when working near energized lines; see page 5 for Evergy clearance safety requirements.

- 11) All construction equipment shall maintain the proper clearance from the transmission lines; no equipment with a height taller than 14 feet is allowed within the easement. All lines shall be considered energized unless otherwise specified by Evergy.
- 12) All spoils from construction are to be maintained off the easement immediately after excavation to assure proper clearances.
- 13) All metal fence designs shall include bonding per Evergy specification. Specification provided upon request.
- 14) Storage of explosives, explosive material, and flammable fuels are not permitted on easement. Fueling equipment from bulk containers or trucks are not permitted on easement.
- 15) Blasting will be permitted on the easement only when approved by Evergy. When blasting, blasting mats or other suitable material will be used in such a fashion to adequately protect the conductor and structures from flying debris. All detonating cord shall be staked down securely at ten (10) feet intervals.



### **Construction Adjacent to or Under Transmission Lines:**

**Evergy** shall be notified prior to the start of construction work adjacent to or under transmission lines so that an inspector can be assigned to the job to determine the extent of work to be performed to protect conductor, structures and anchors. Construction work on transmission easement must be approved by Evergy Transmission Engineering. The cost incurred to maintain an Evergy inspector on site, when deemed necessary, shall be reimbursable by the party of the Third part. **Evergy Overhead Transmission Line Clearance Safety** handouts will be discussed with all employees prior to any work or construction on transmission easement.

The cost of construction and other measures incurred by Party of the First Part in order to accommodate the construction of improvements by the Second Party or the Party of the Third Part to the land to be dedicated such as, by way of example and without limitation, temporarily relocating anchors, stabilizing structures, or other protecting said facilities, and the cost of repair of any damages to the Party of the Second Part or Party of the Third Part to the land to be dedicated shall be paid to Party of the First Part, provided Party of the First Part obtains the prior written consent of the reimbursing party to any such construction and or repair, except that in the case of emergency construction and or repair, the reimbursing Party shall have the right to request an itemized statement of cost of said emergency construction and or repair after such work is completed by Party of the First Part.



**Overhead Transmission Line Clearance Safety Requirements:**

The following minimum clearances shall be maintained between Evergy’s energized transmission line conductors and all construction equipment.

<b><u>Line Voltage</u></b>	<b><u>Clearance Requirement</u></b>
<b>69 kV</b>	<b>15.0 FEET (In all directions and at all times)</b>
<b>115 - 161kV</b>	<b>20.0 FEET (In all directions and at all times)</b>
<b>230 - 345kV</b>	<b>25.0 FEET (In all directions and at all times)</b>

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