

Figure 2.1-1: Converter Station General Layout

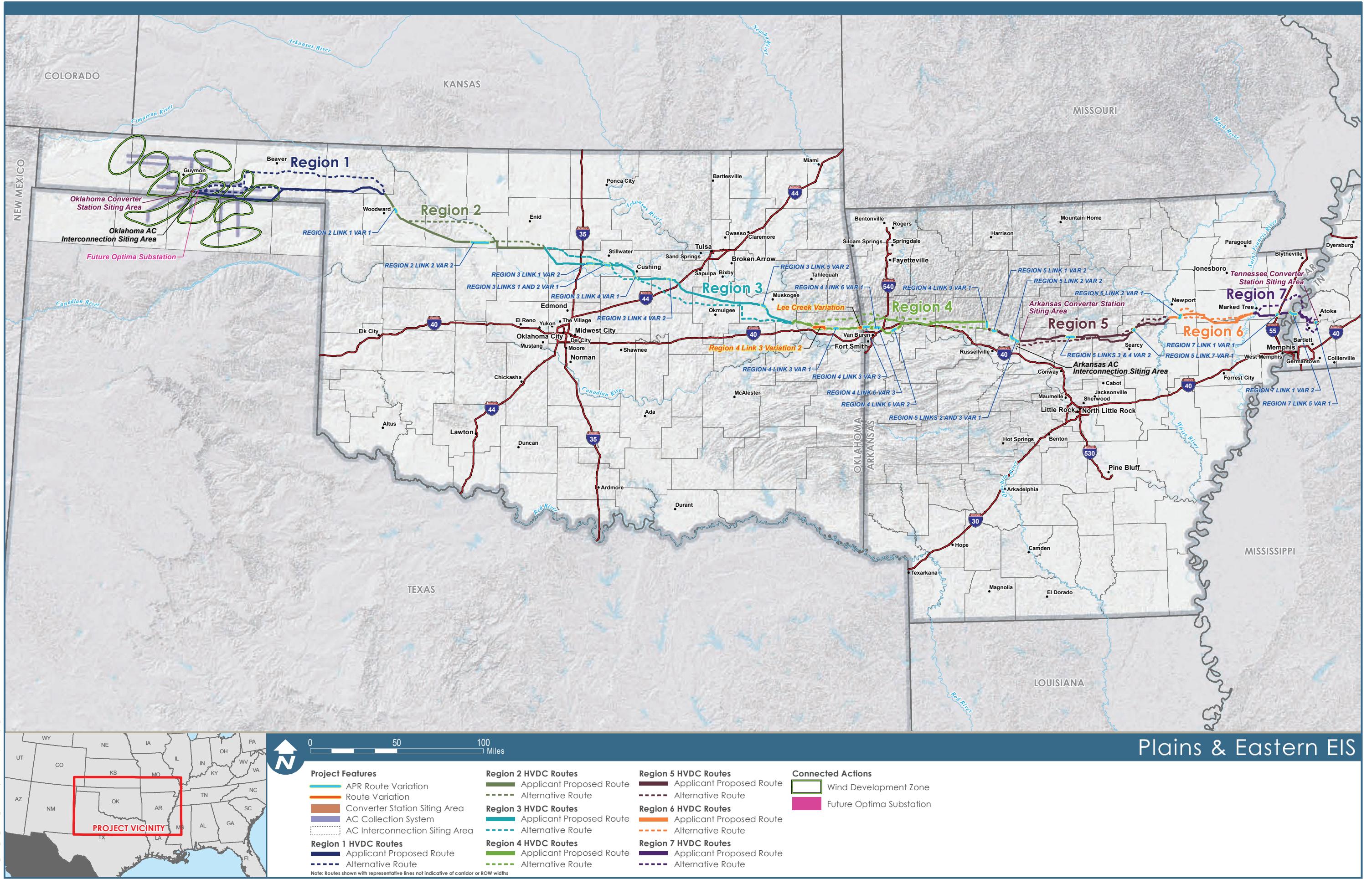


Figure 2.1-2: Project Overview

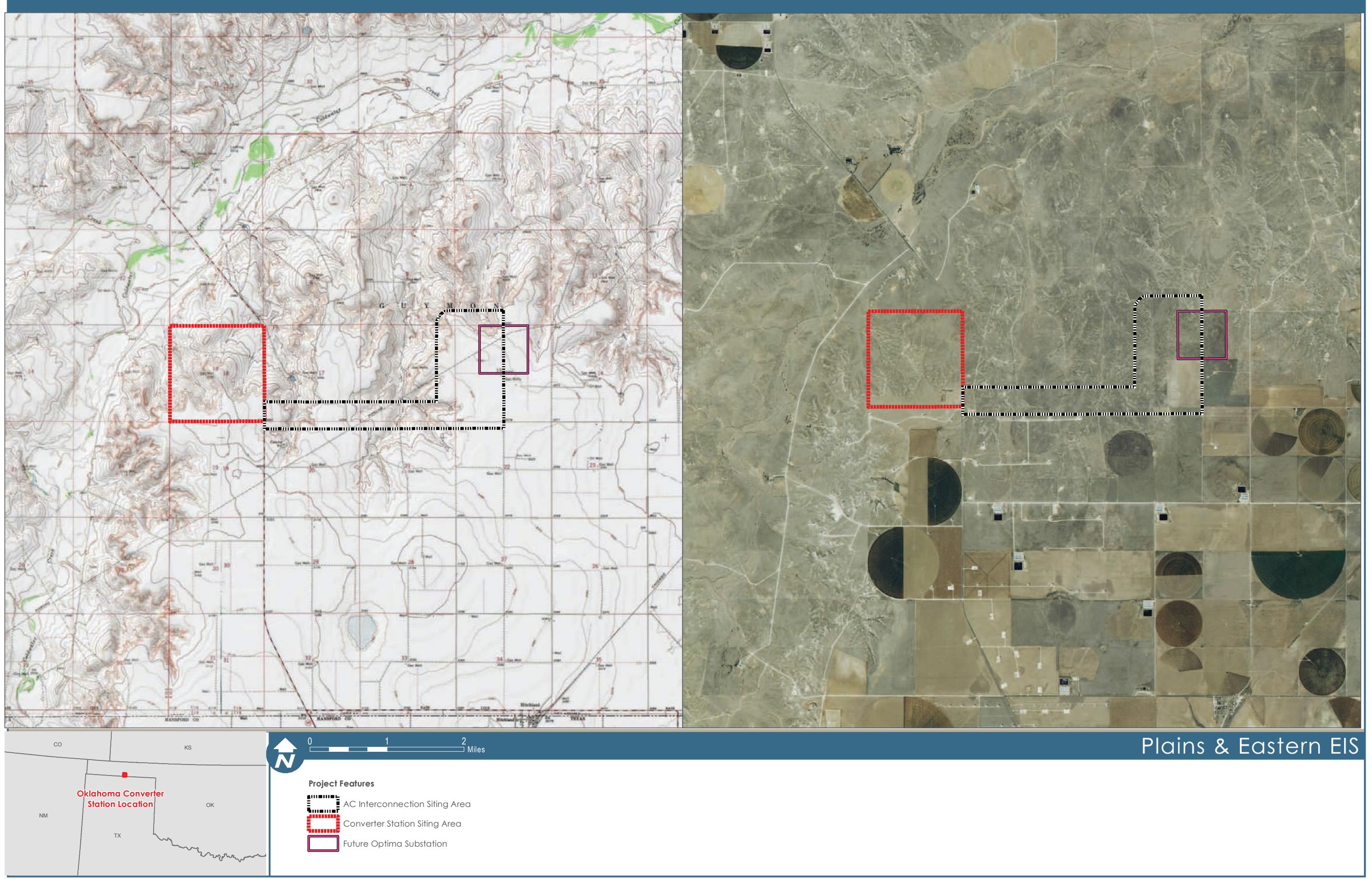


Figure 2.1-3: Oklahoma Converter Station Siting Area Property Location and Aerial

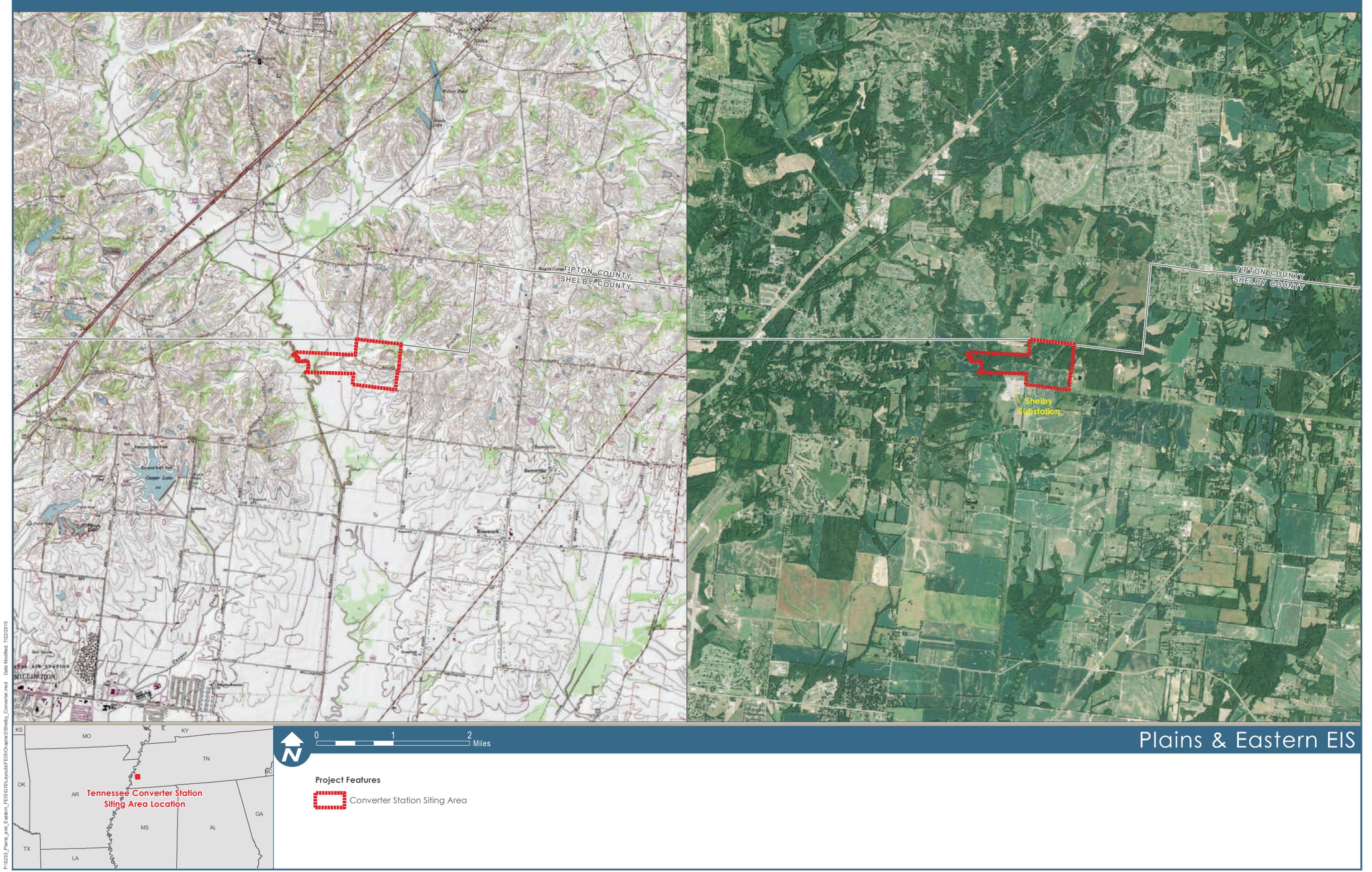


Figure 2.1-4: Tennessee Converter Station Siting Area Property Location and Aerial

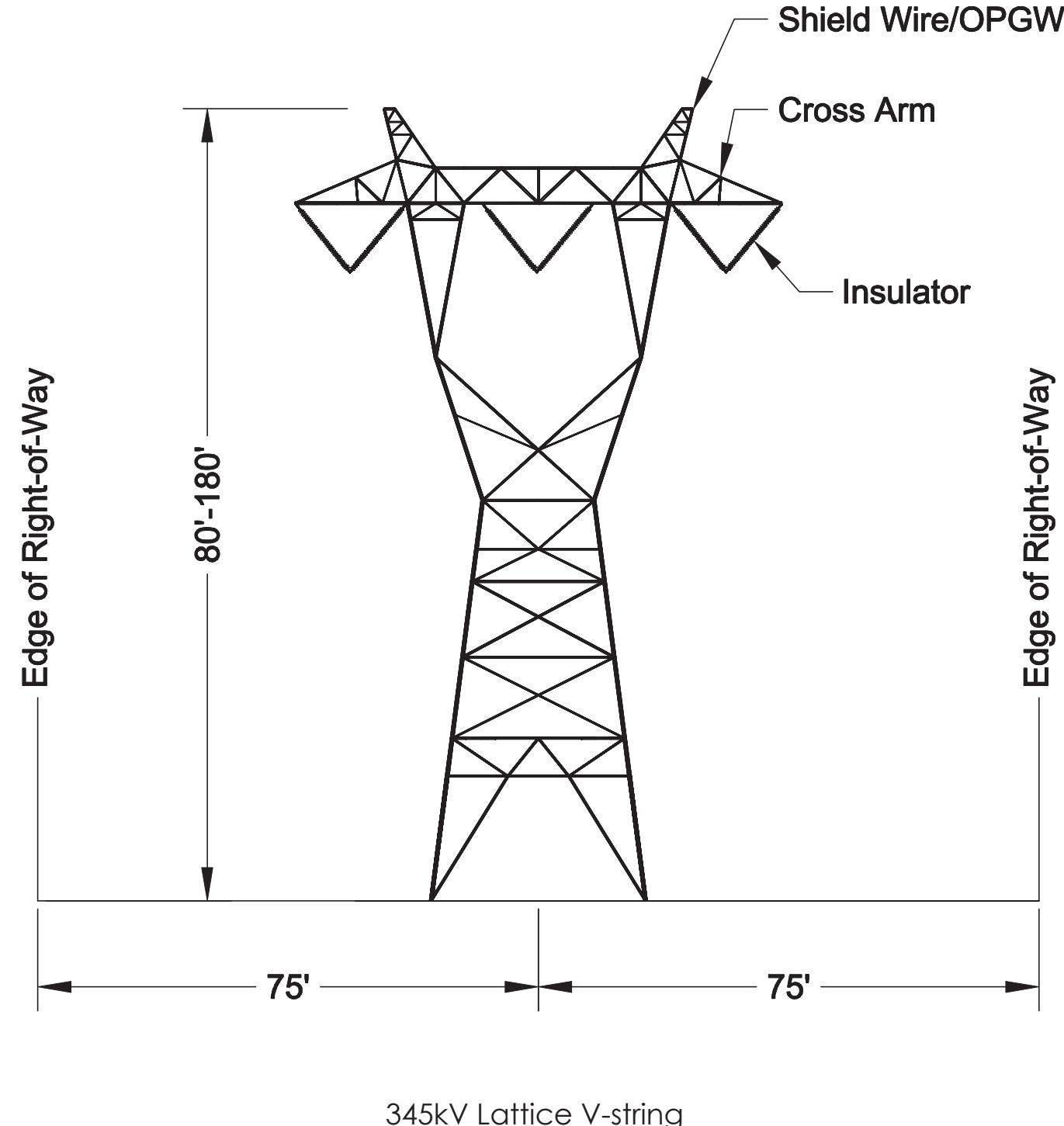
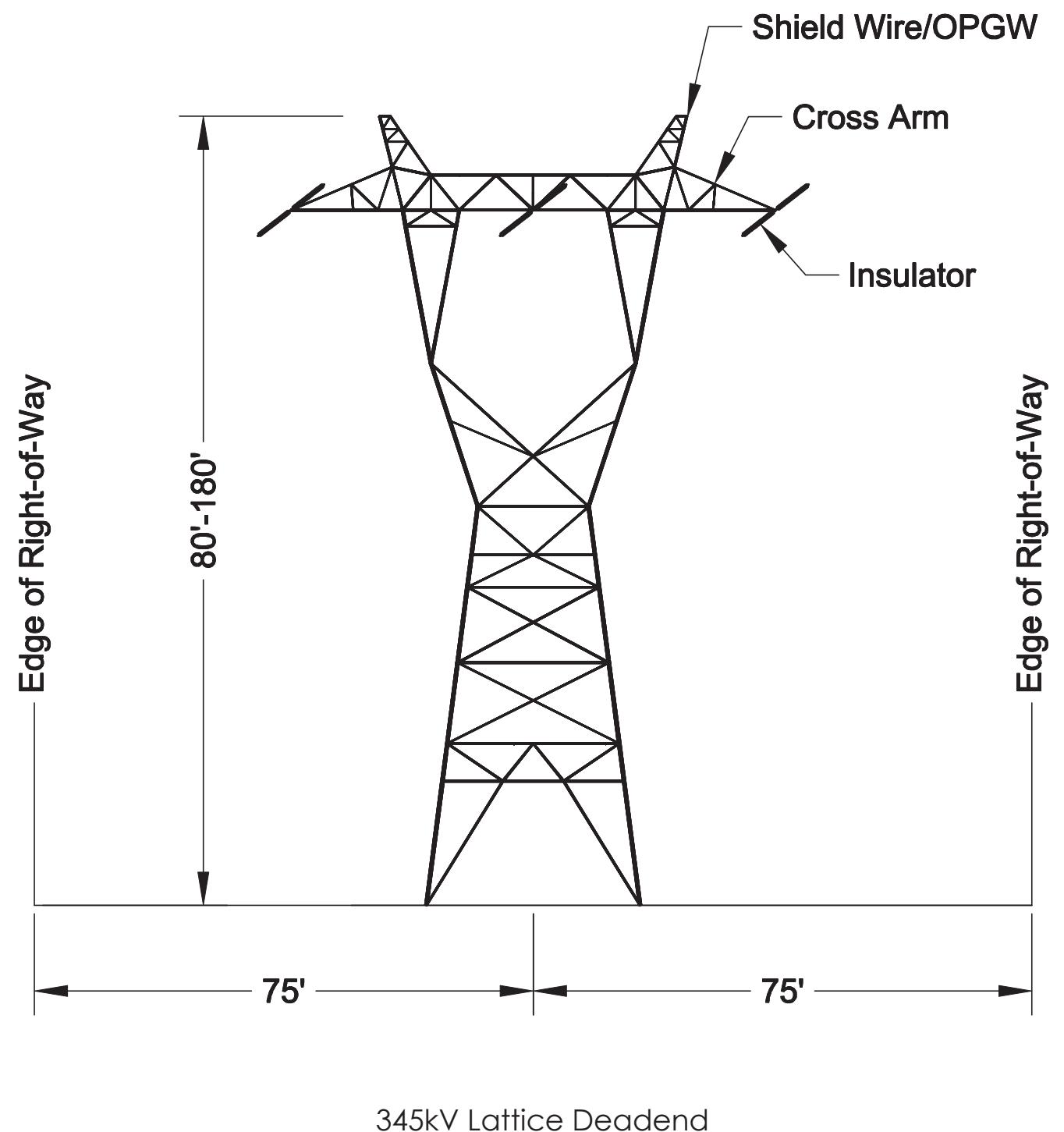
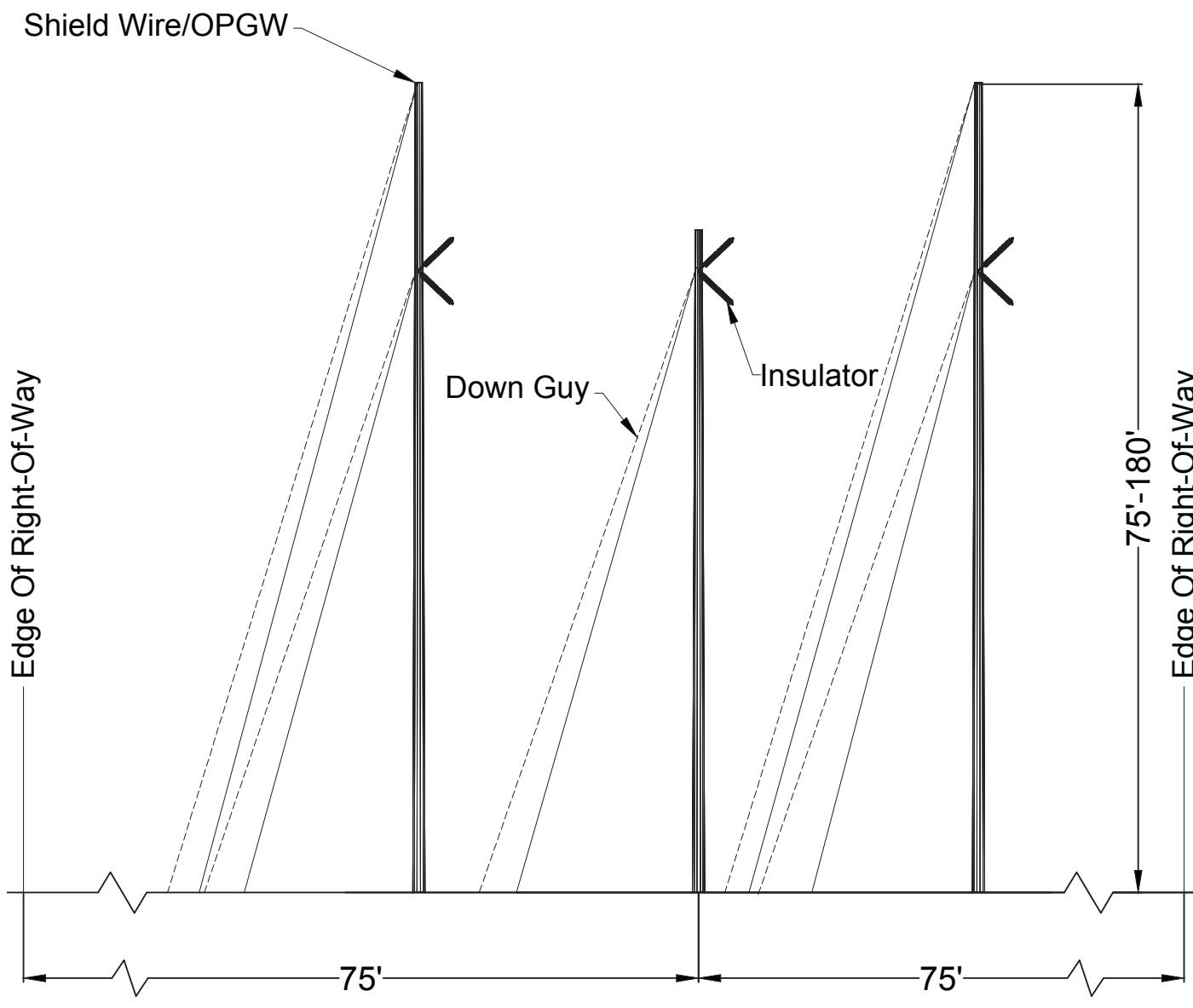
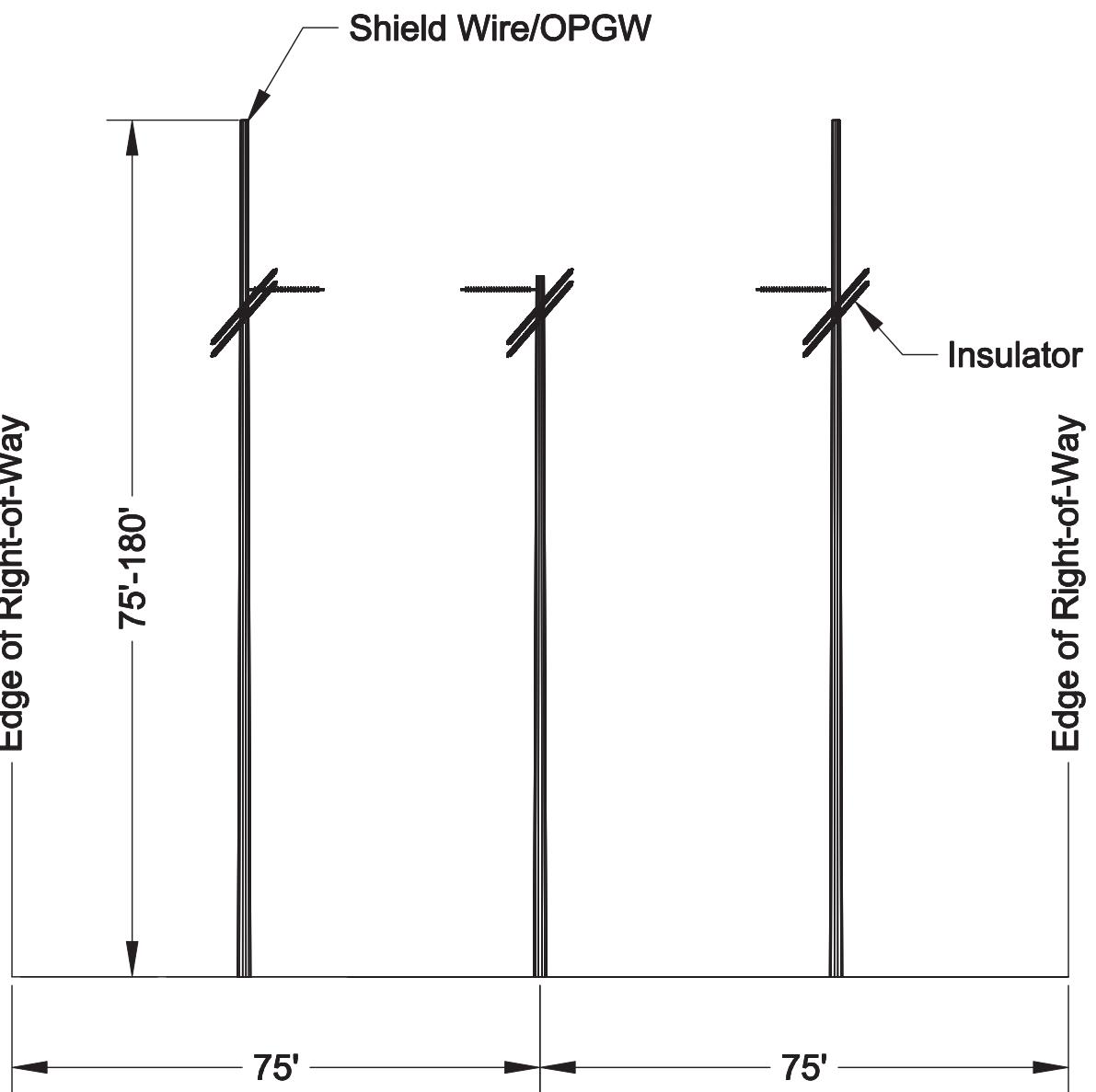


Figure 2.1-5: 345kV Lattice Deadend and V-string

Note: Depending on structure height and line angle, guy easements may be required beyond the project 200 foot right-of-way.



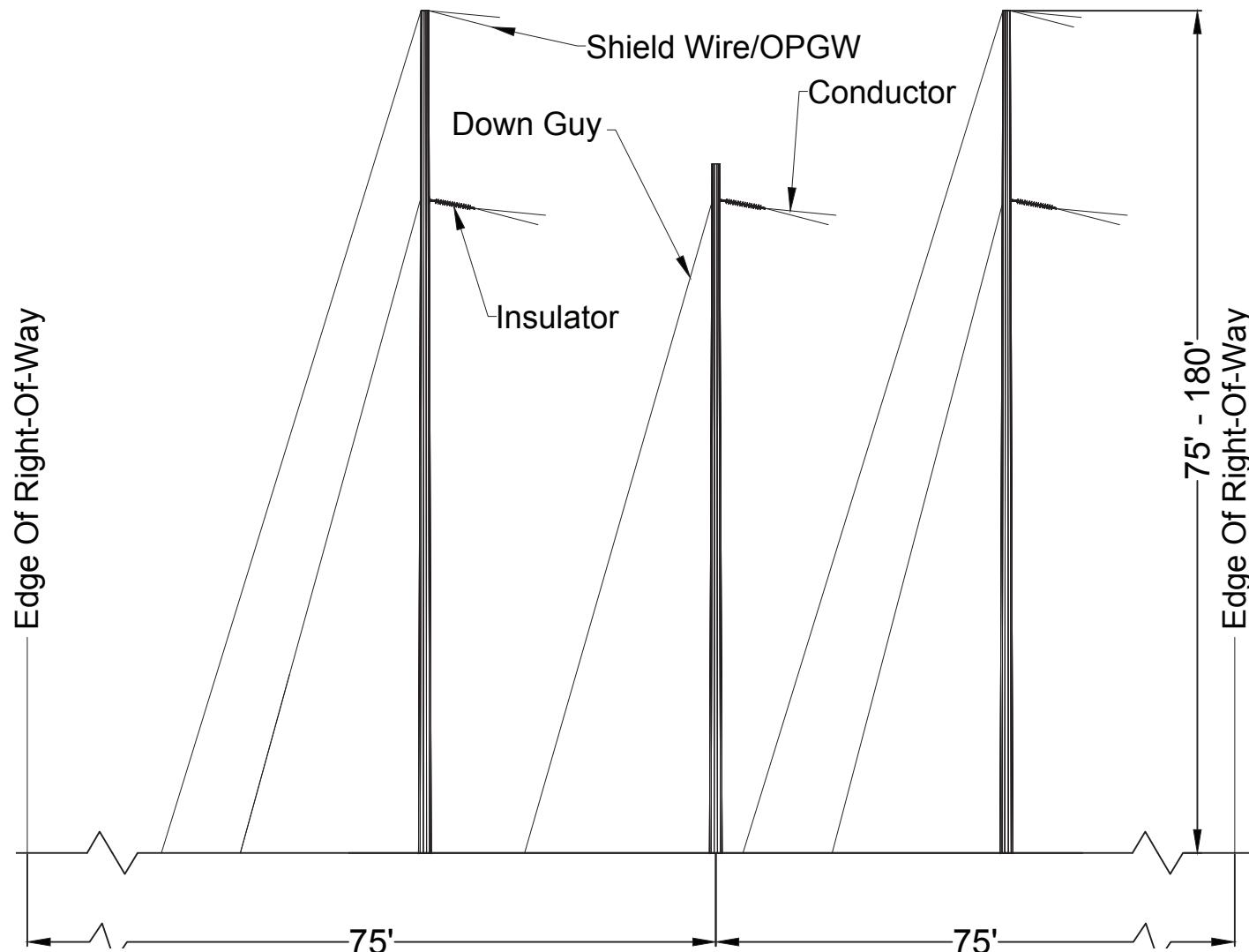
345kV 3-Pole Guyed Deadend



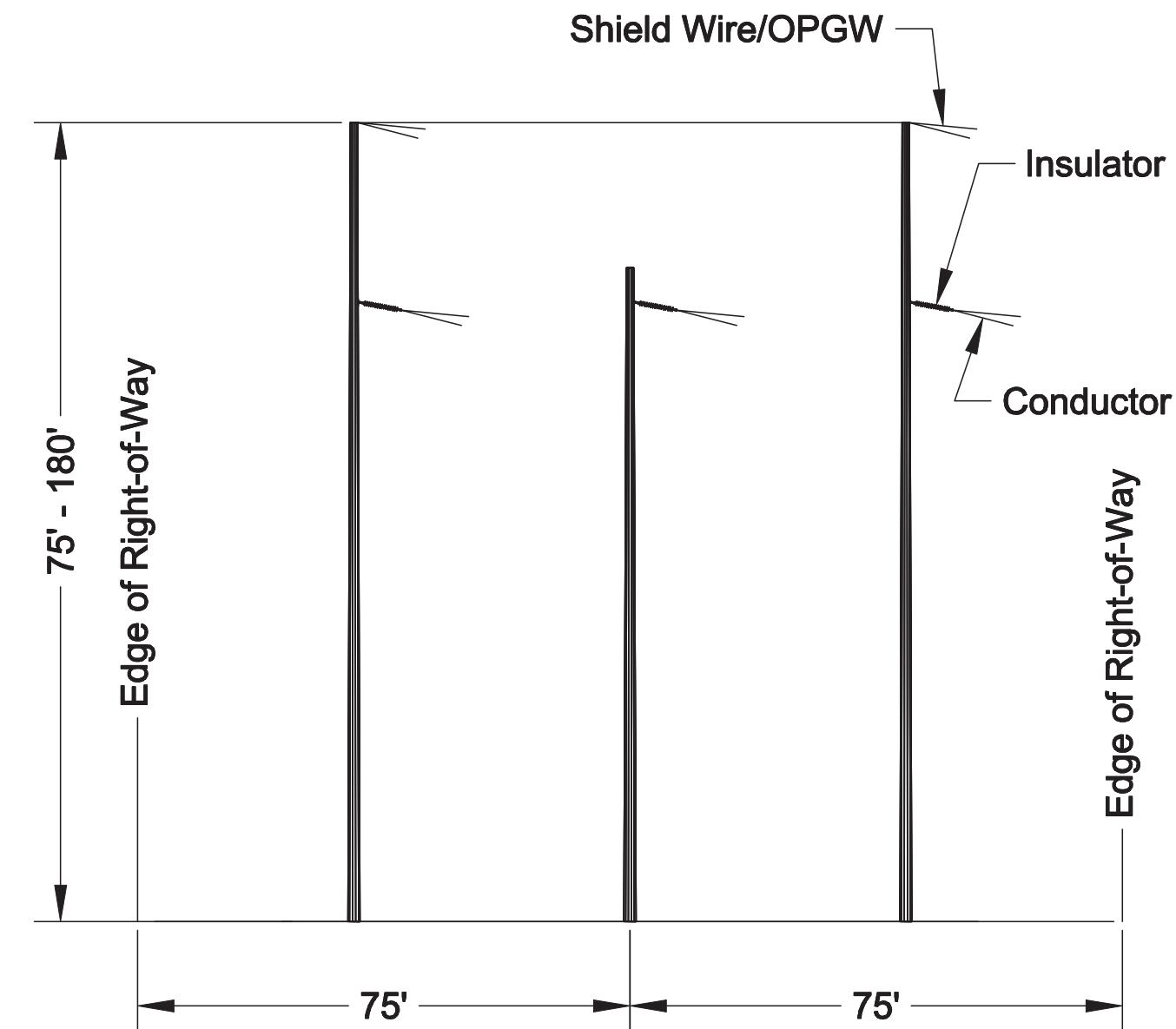
345kV 3-Pole Deadend

Figure 2.1-6: 345kV 3-Pole Guyed Deadend and Deadend

Note: Depending on structure height and line angle, guy easements may be required beyond the project 200 foot right-of-way.



345kV 3-Pole Guyed Running Angle



345kV 3-Pole Running Angle

Figure 2.1-7: 345kV 3-Pole Guyed Running Angle and Running Angle

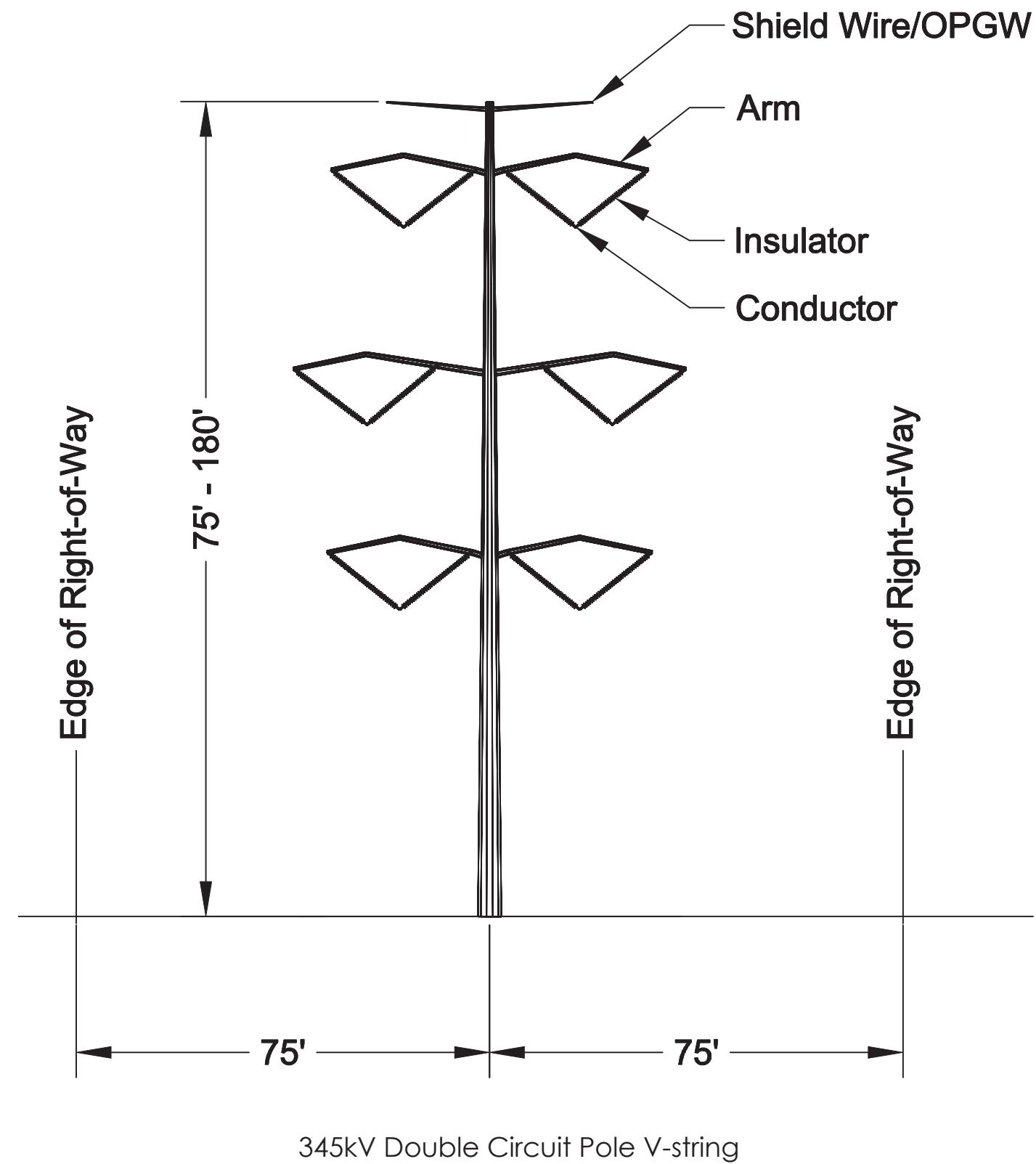
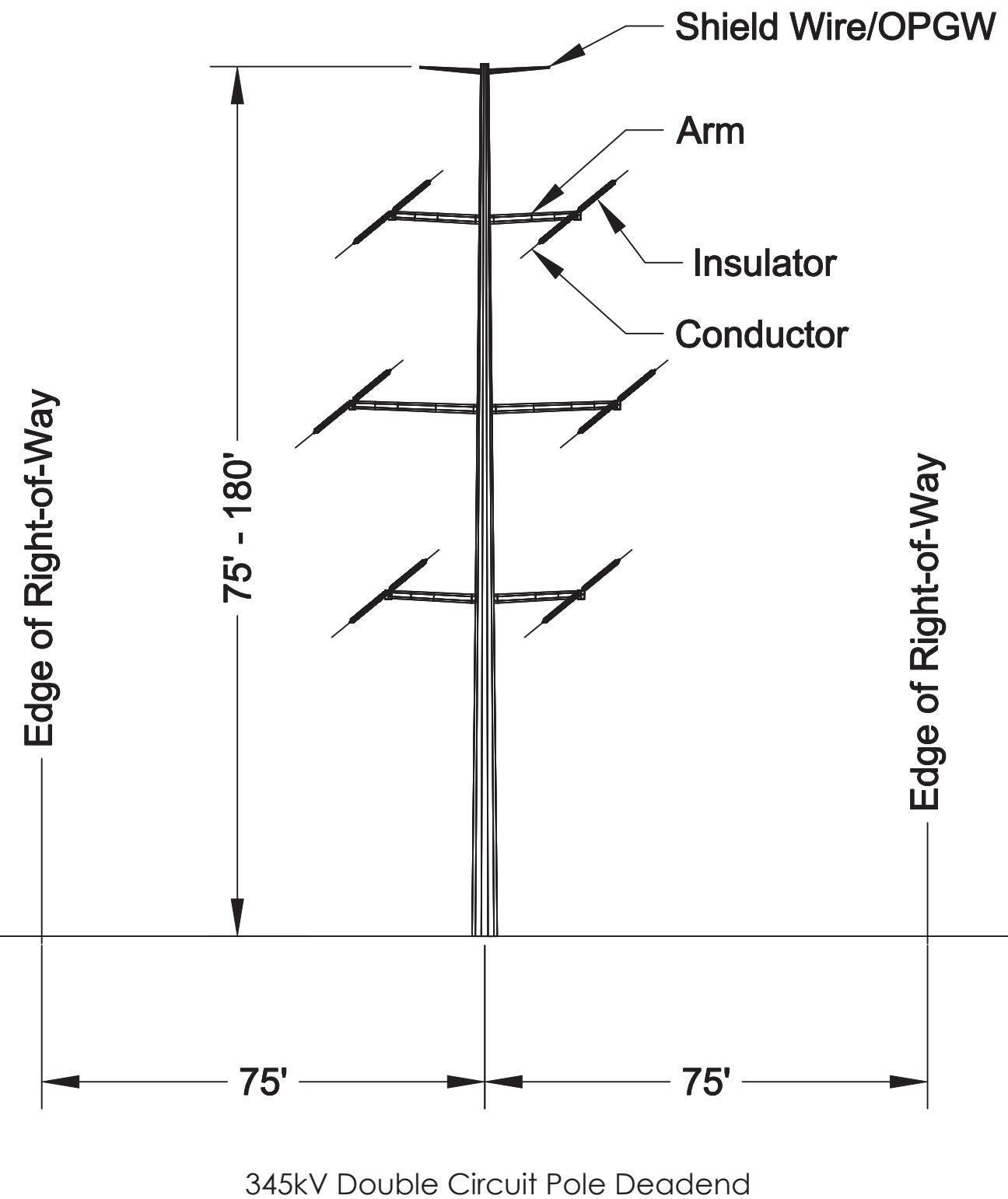


Figure 2.1-8: 345kV Double Circuit Pole Deadend and V-string

Note: Depending on structure height and line angle, guy easements may be required beyond the project 200 foot right-of-way.

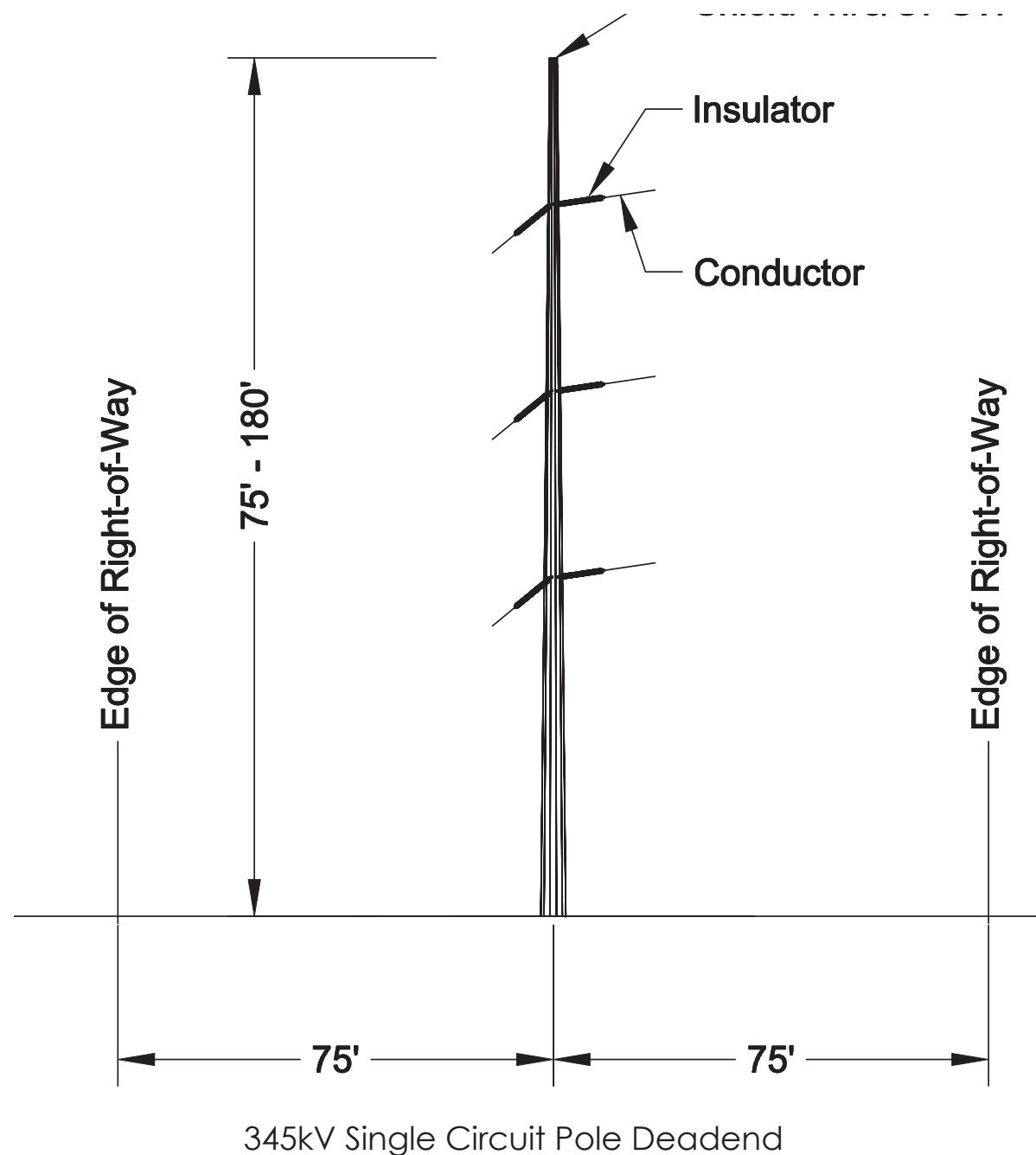
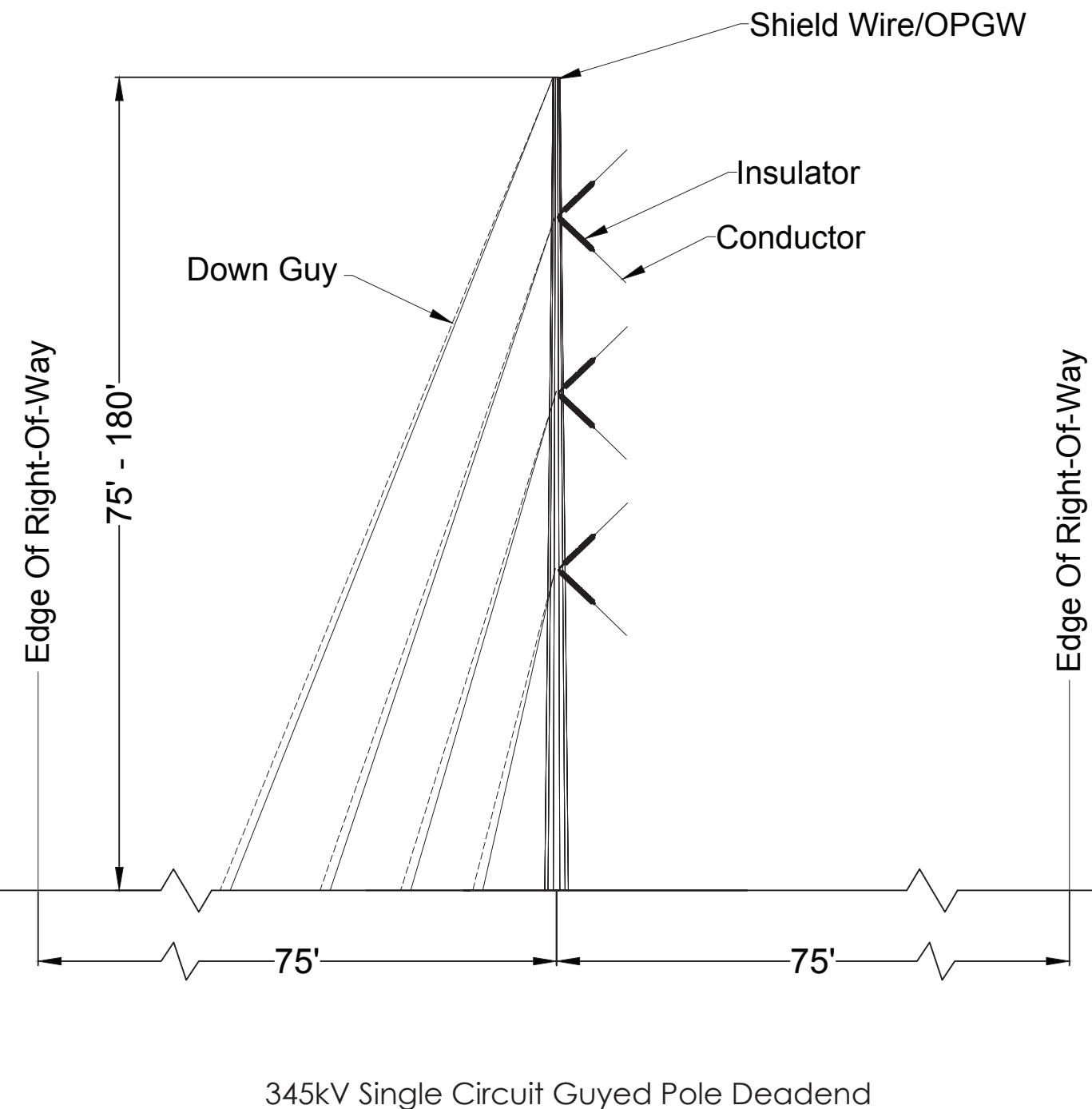


Figure 2.1-9: 345kV Lattice Single Circuit Guyed Pole Deadend and Deadend

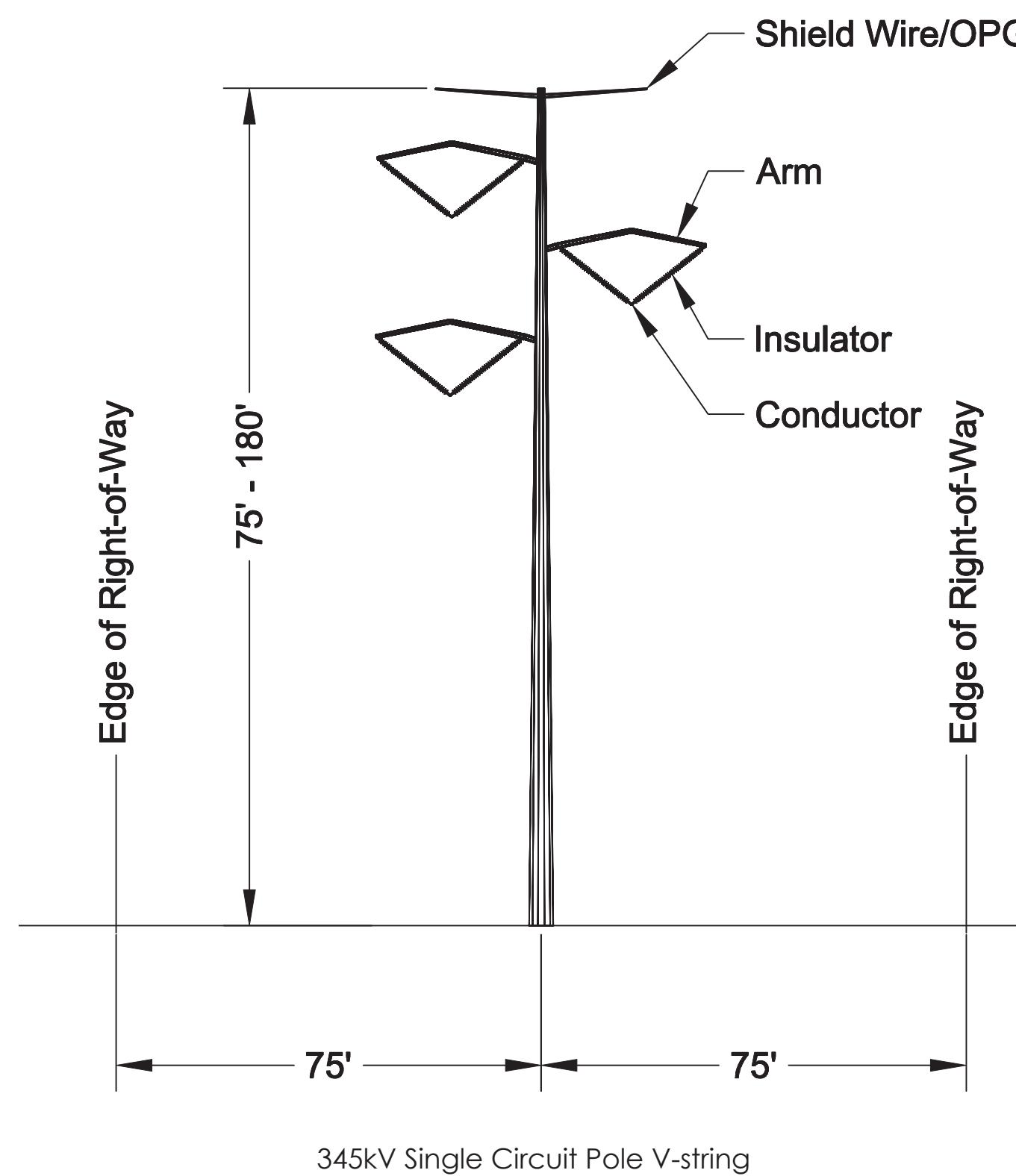
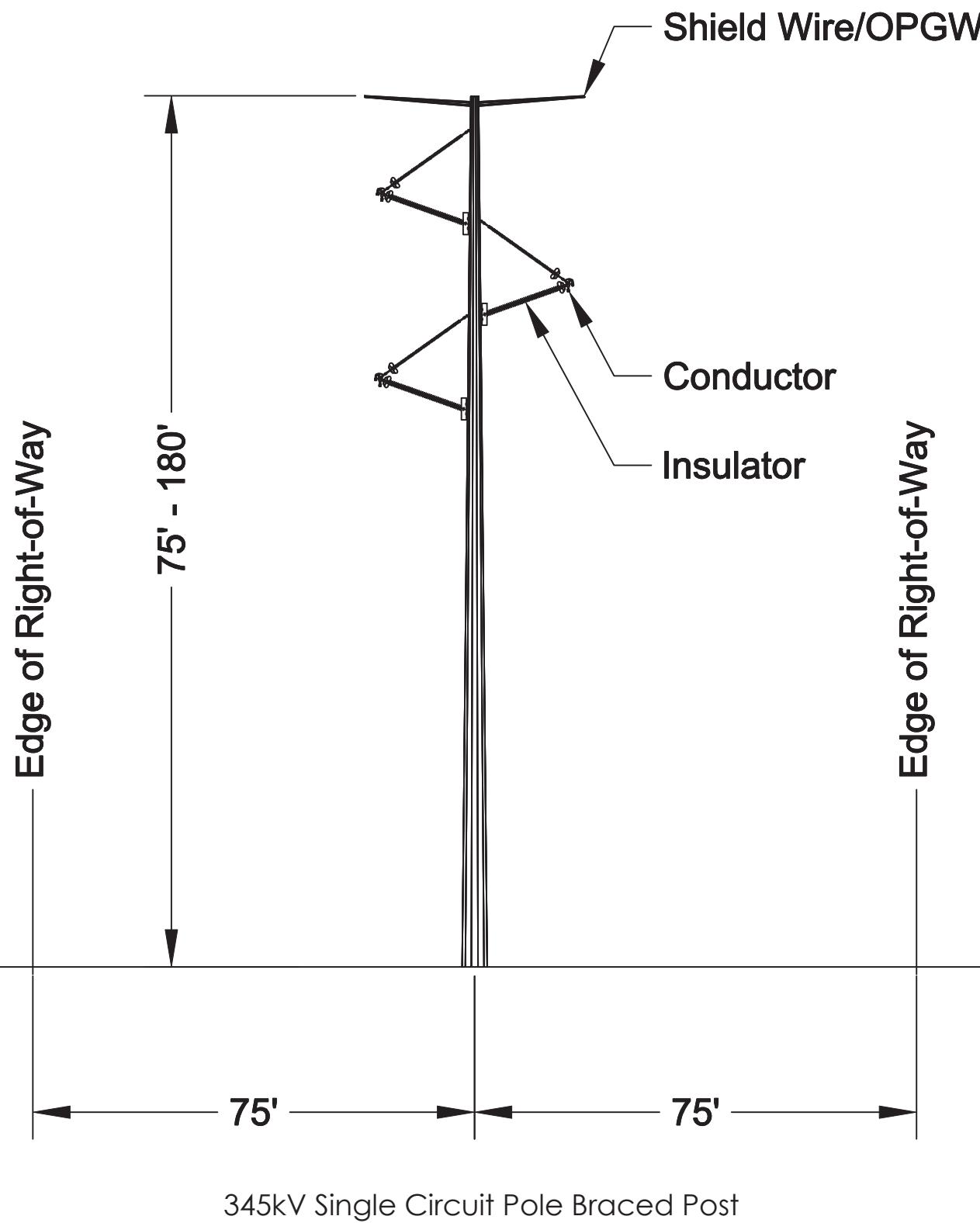


Figure 2.1-10: 345kV Lattice Single Circuit Pole Braced Post and V-string

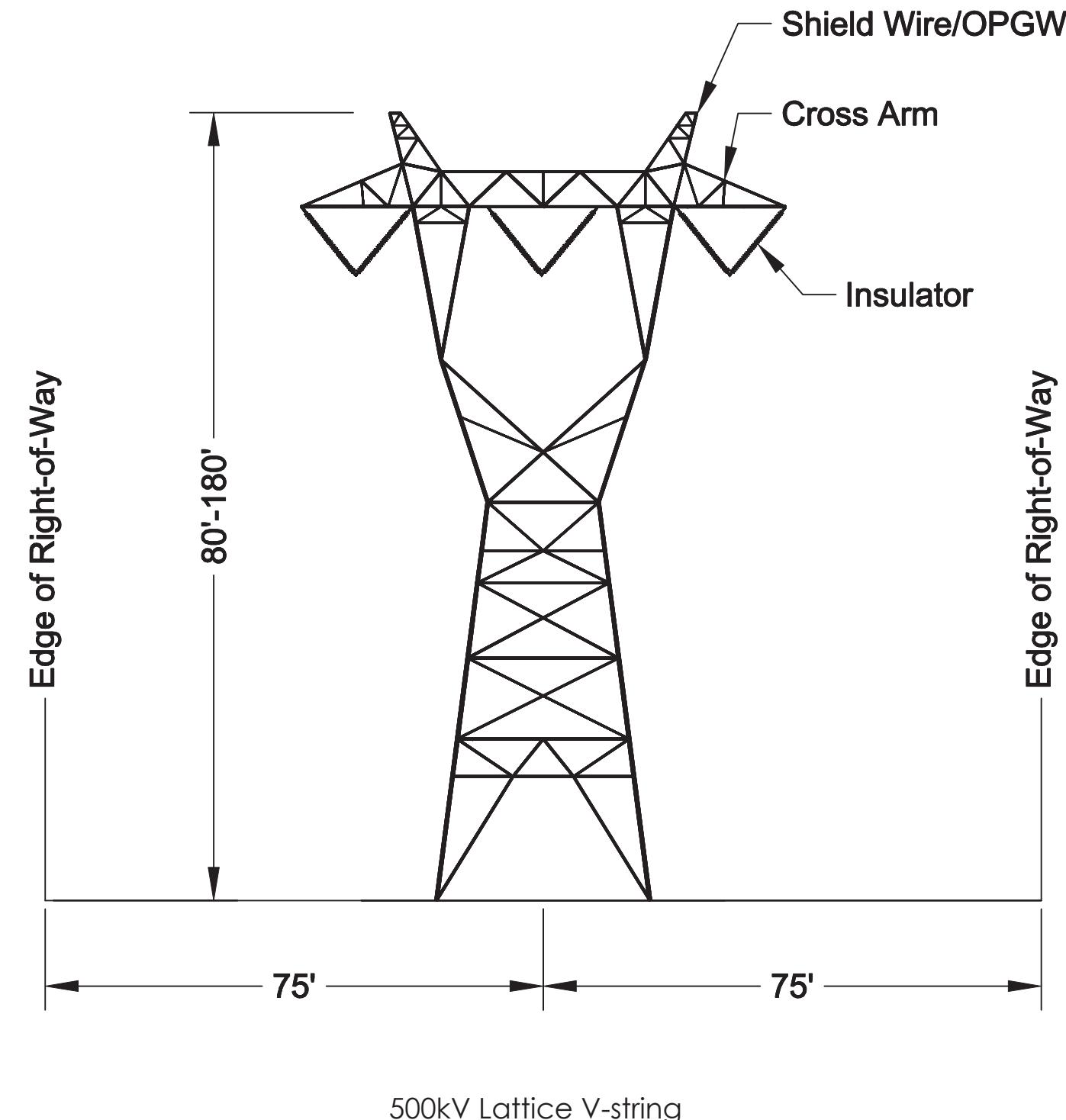
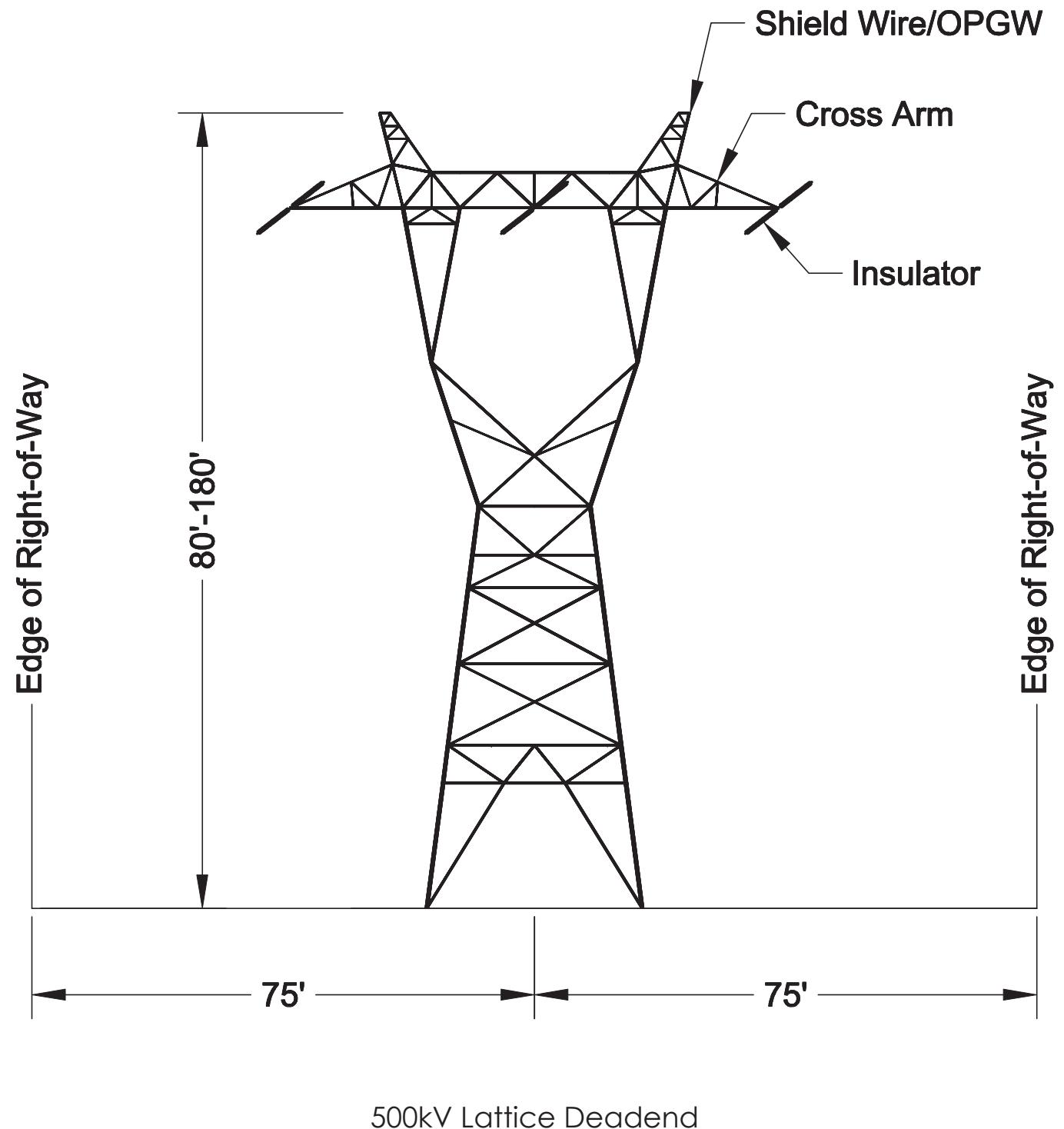


Figure 2.1-11: 500kV Lattice Deadend and V-string

Note: Depending on structure height and line angle, guy easements may be required beyond the project 200 foot right-of-way.

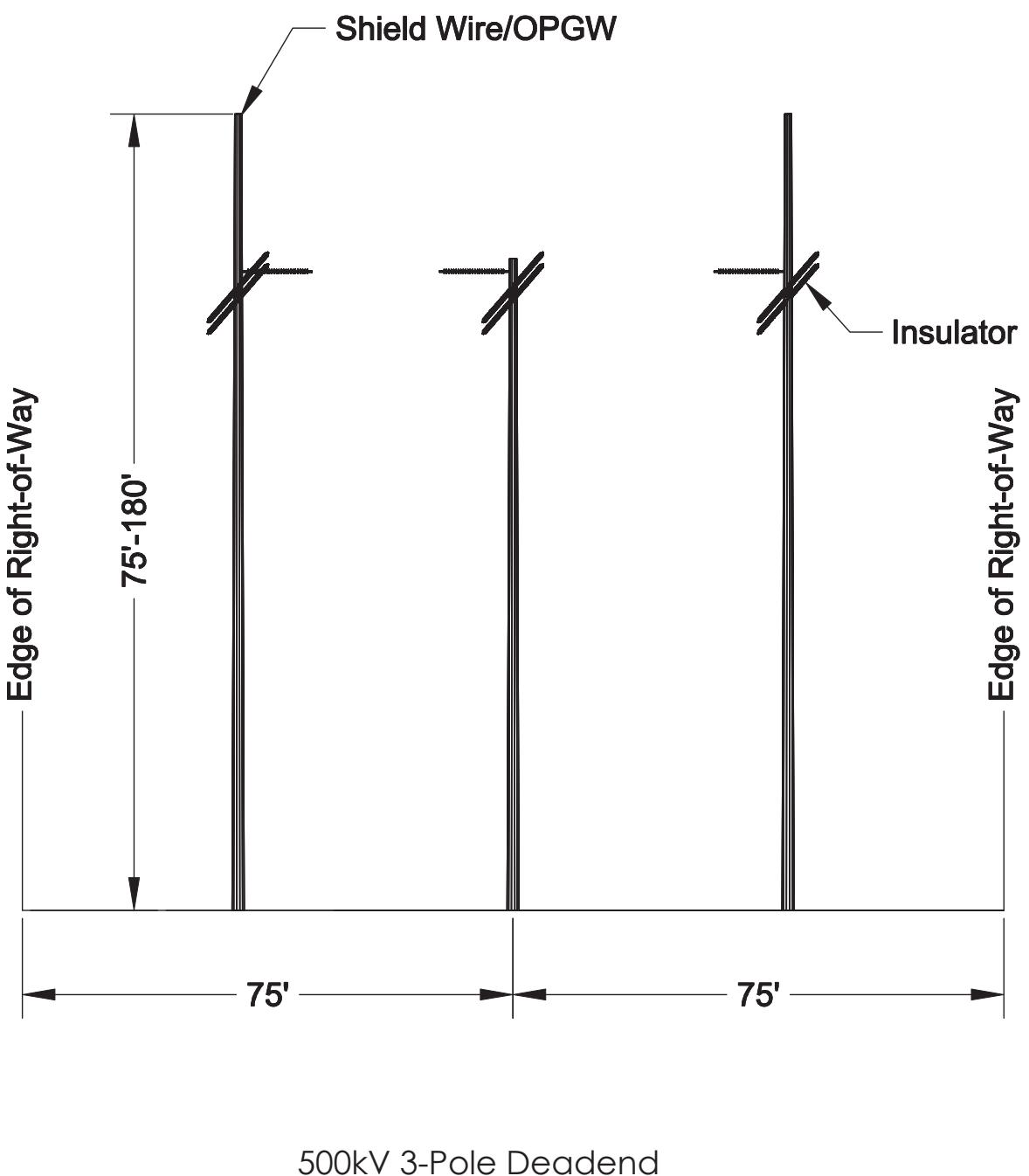
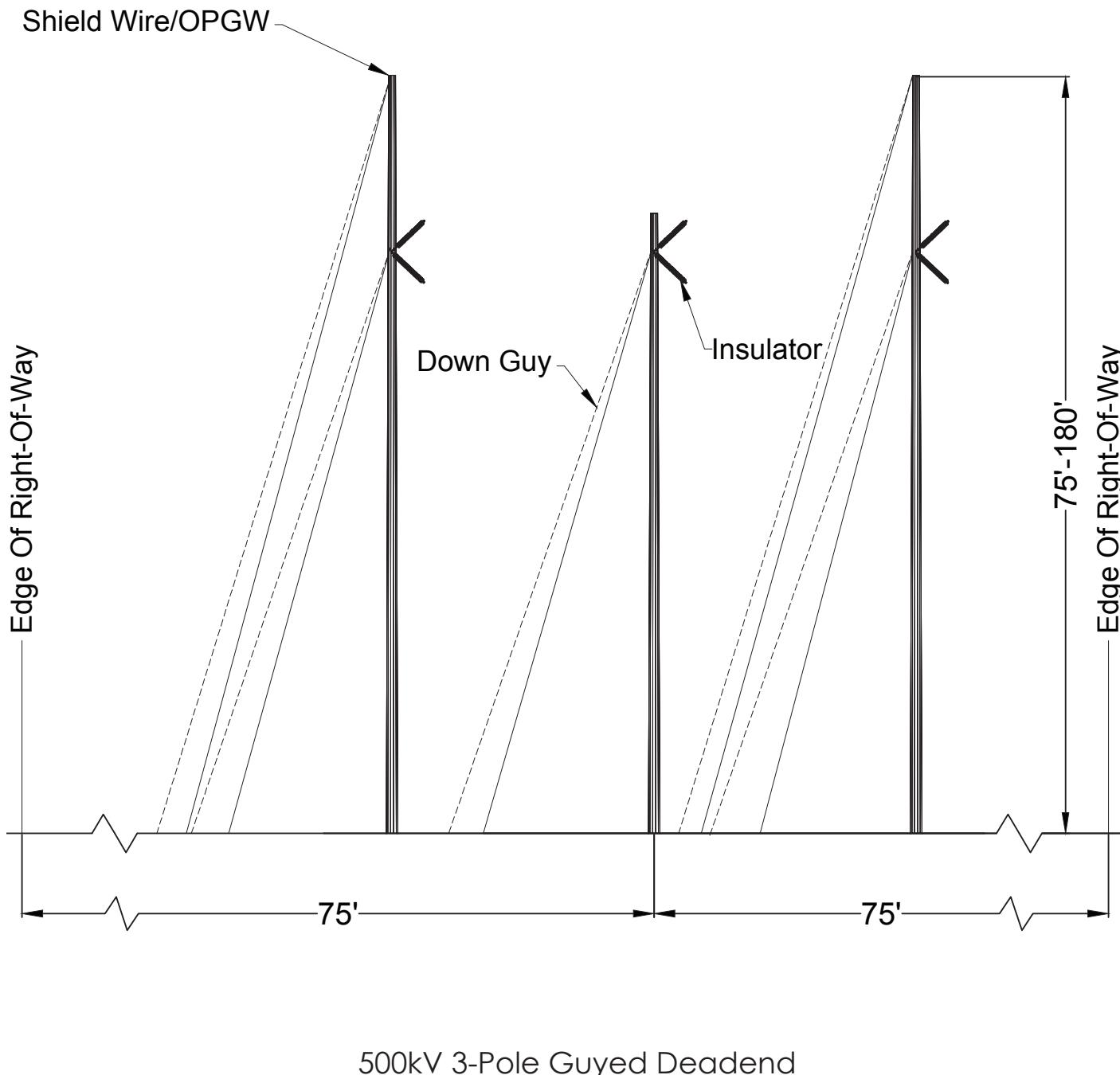


Figure 2.1-12: 500kV 3-Pole Guyed Deadend and Deadend

Note: Depending on structure height and line angle, guy easements may be required beyond the project 200 foot right-of-way.

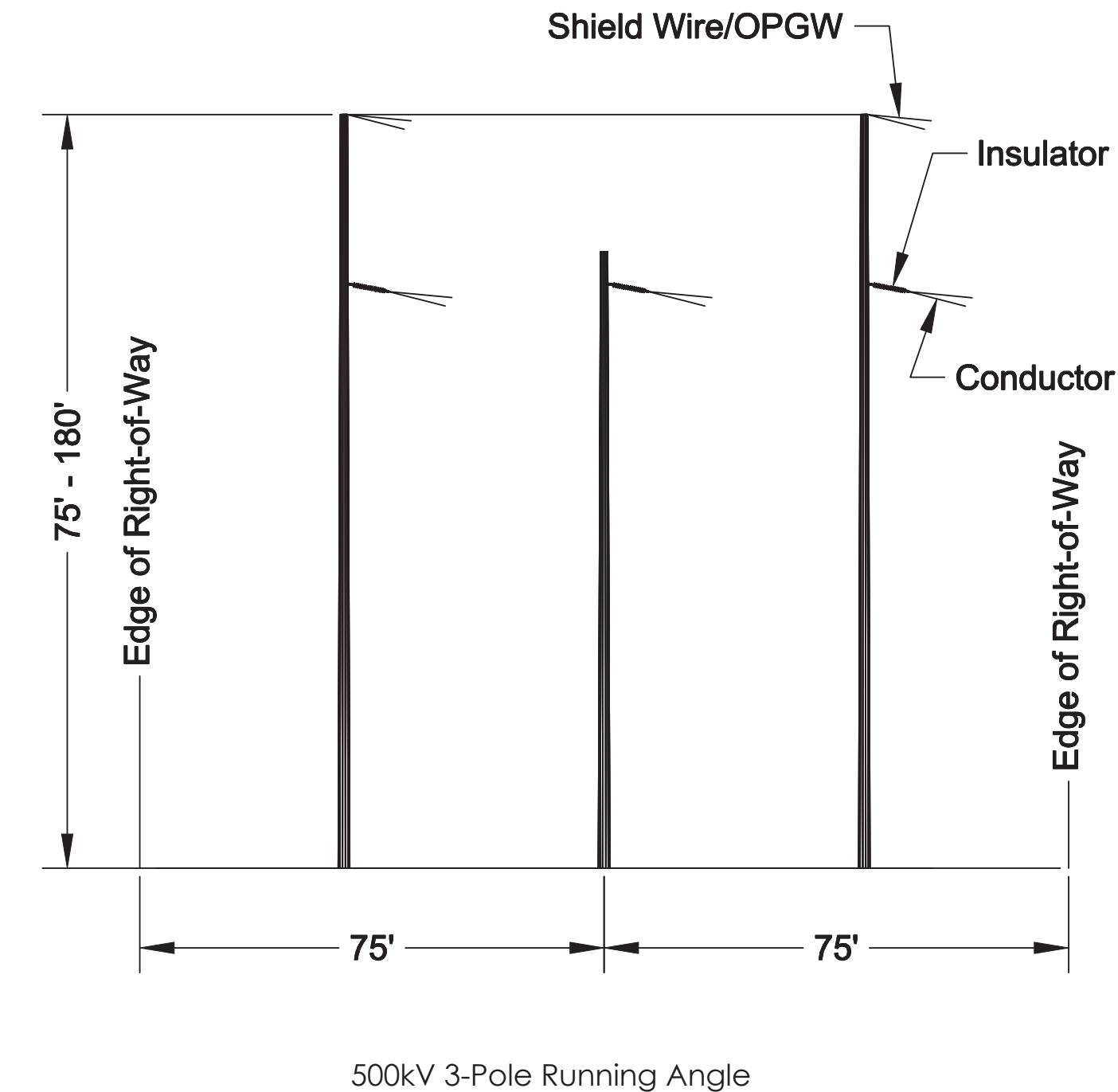
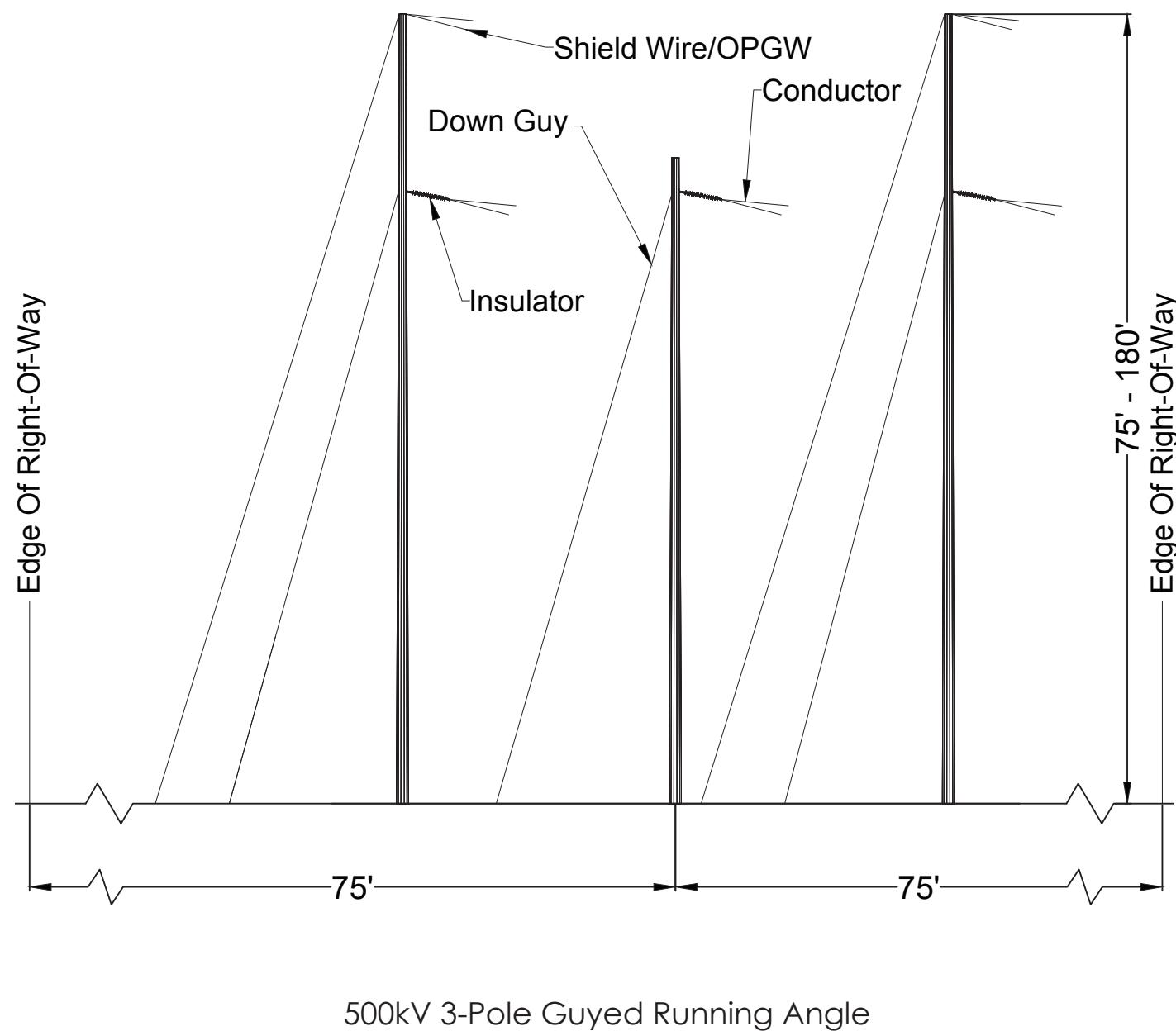


Figure 2.1-13: 500kV 3-Pole Guyed Running Angle and Running Angle

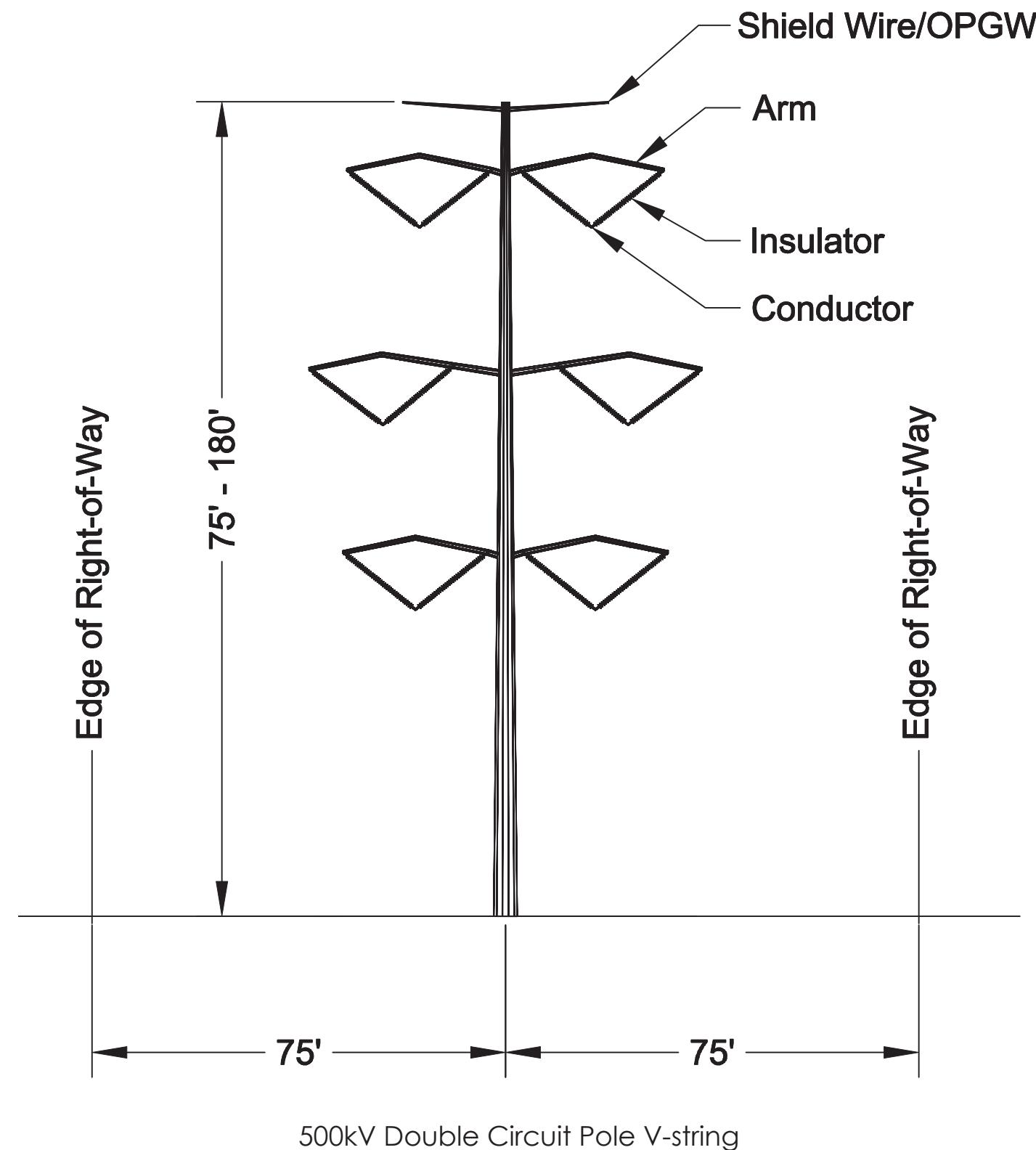
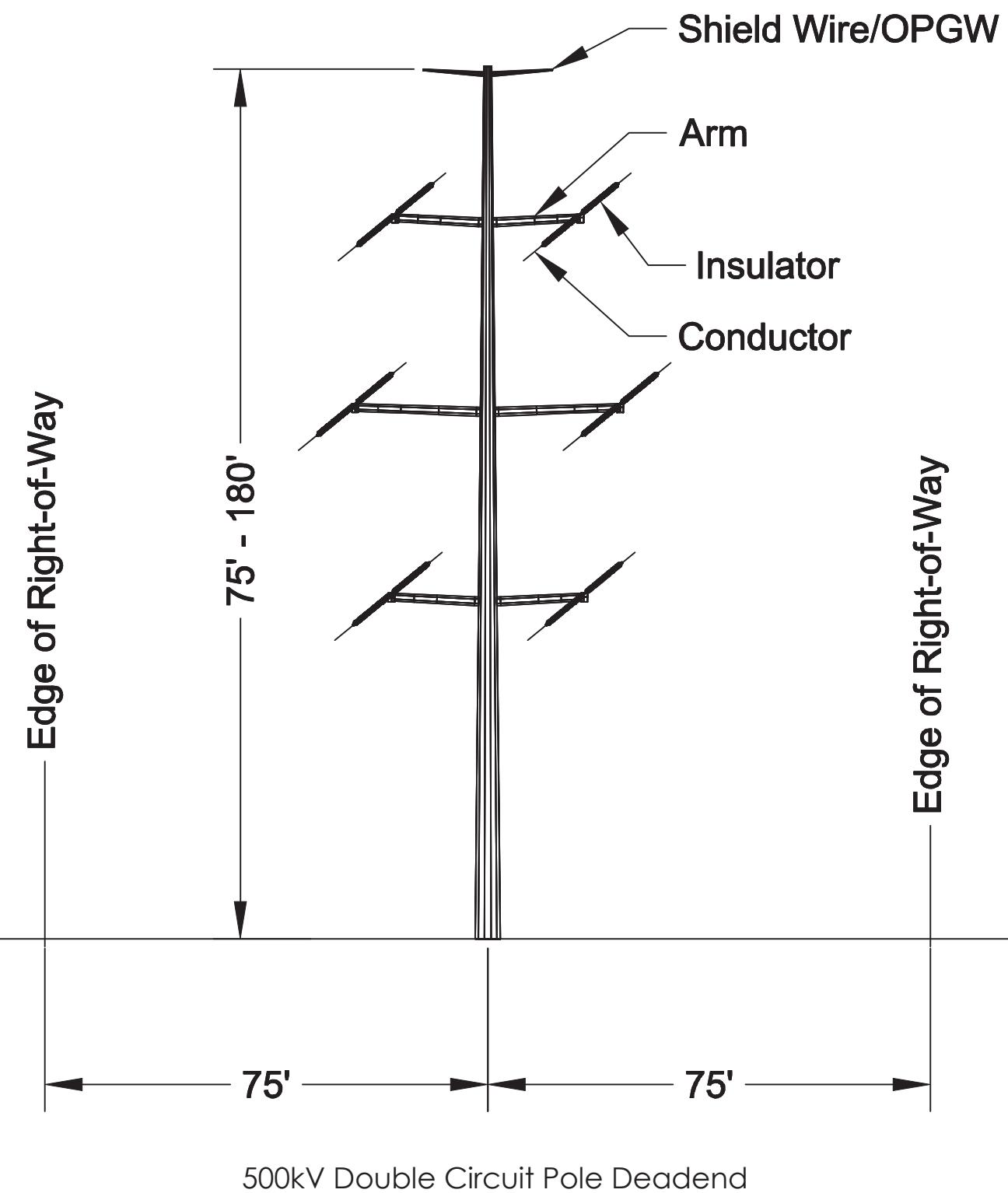


Figure 2.1-14: 500kV Double Circuit Pole Deadend and V-string

Note: Depending on structure height and line angle, guy easements may be required beyond the project 200 foot right-of-way.

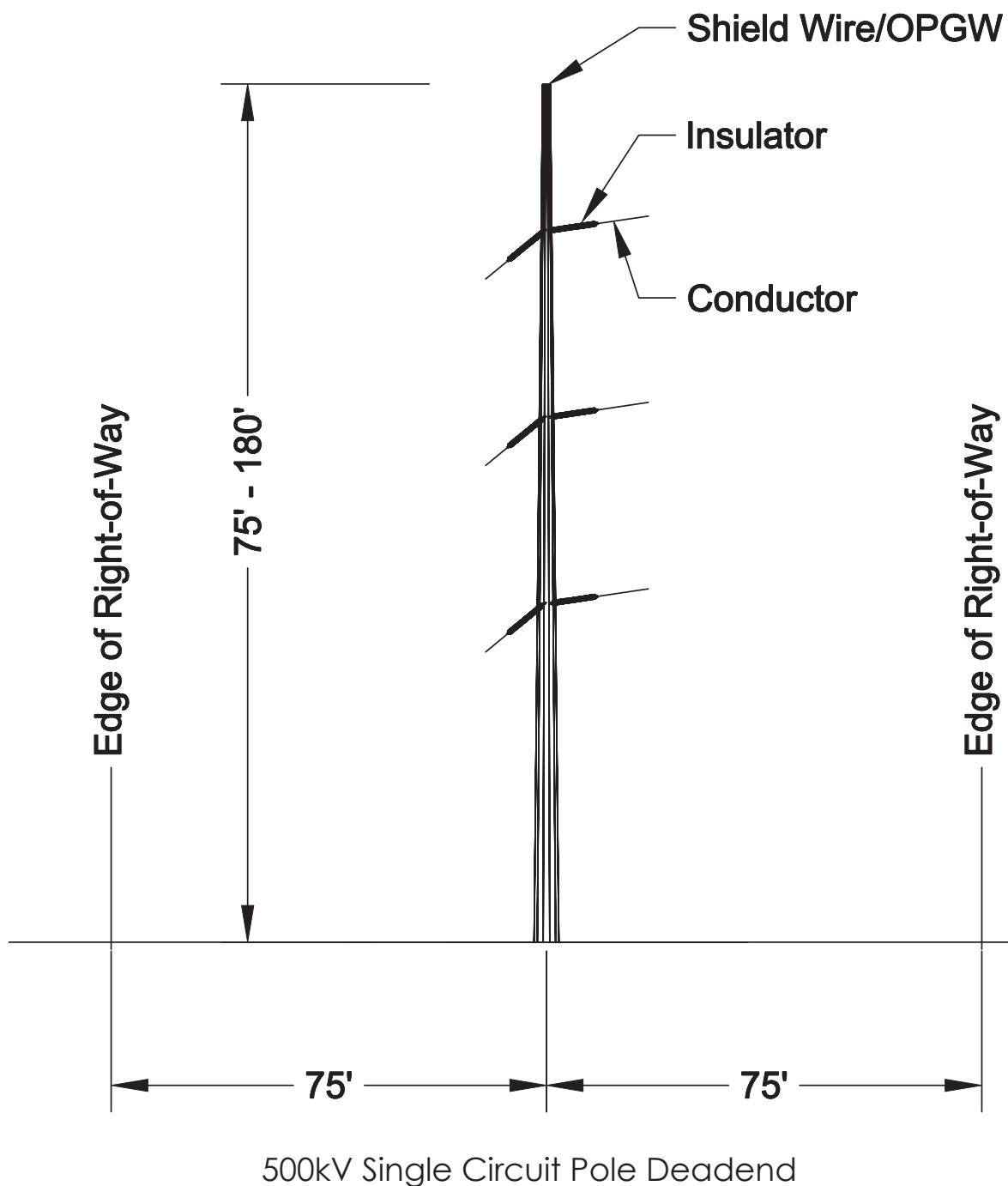
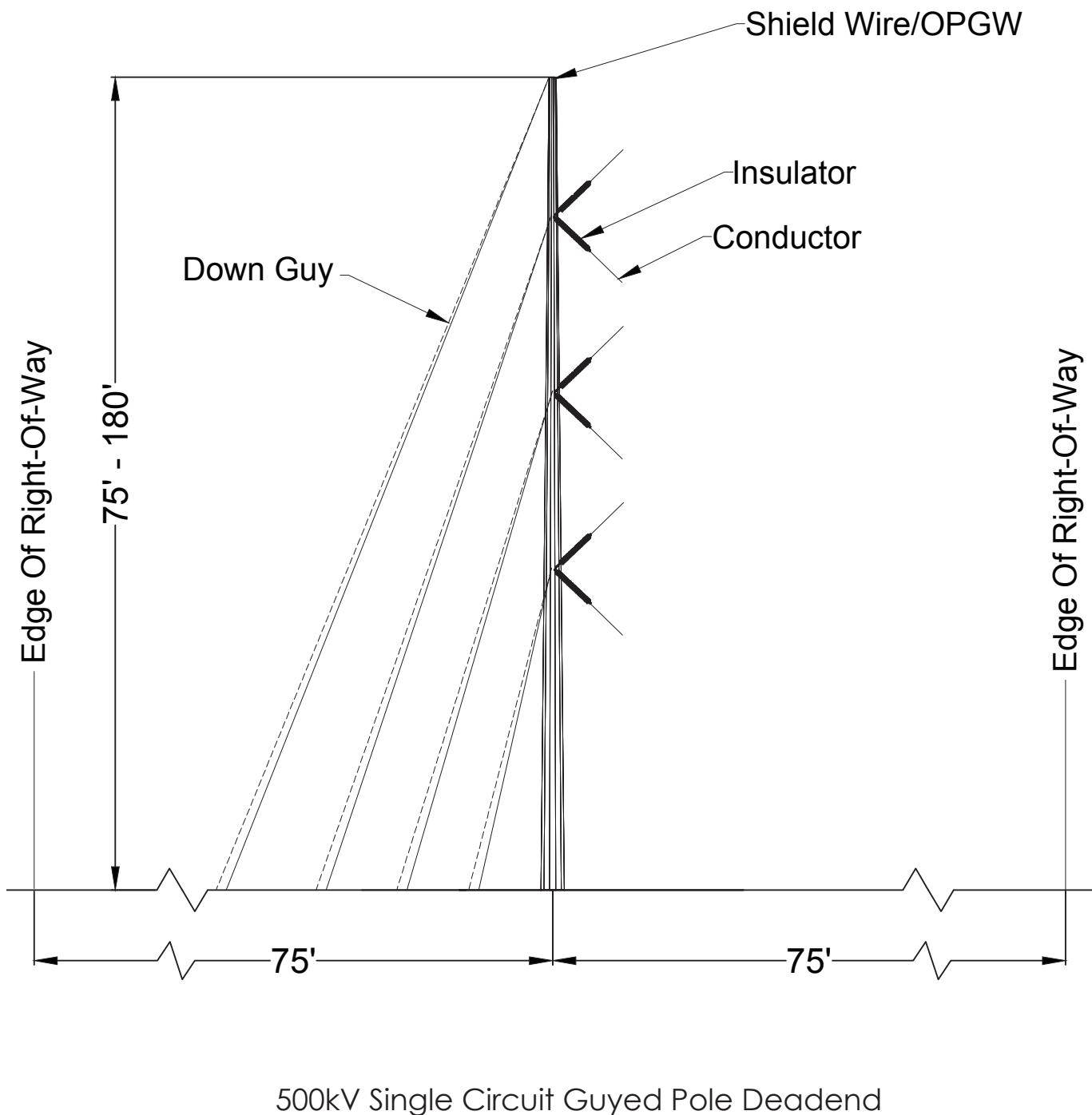


Figure 2.1-15: 500kV Lattice Single Circuit Guyed Pole Deadend and Deadend

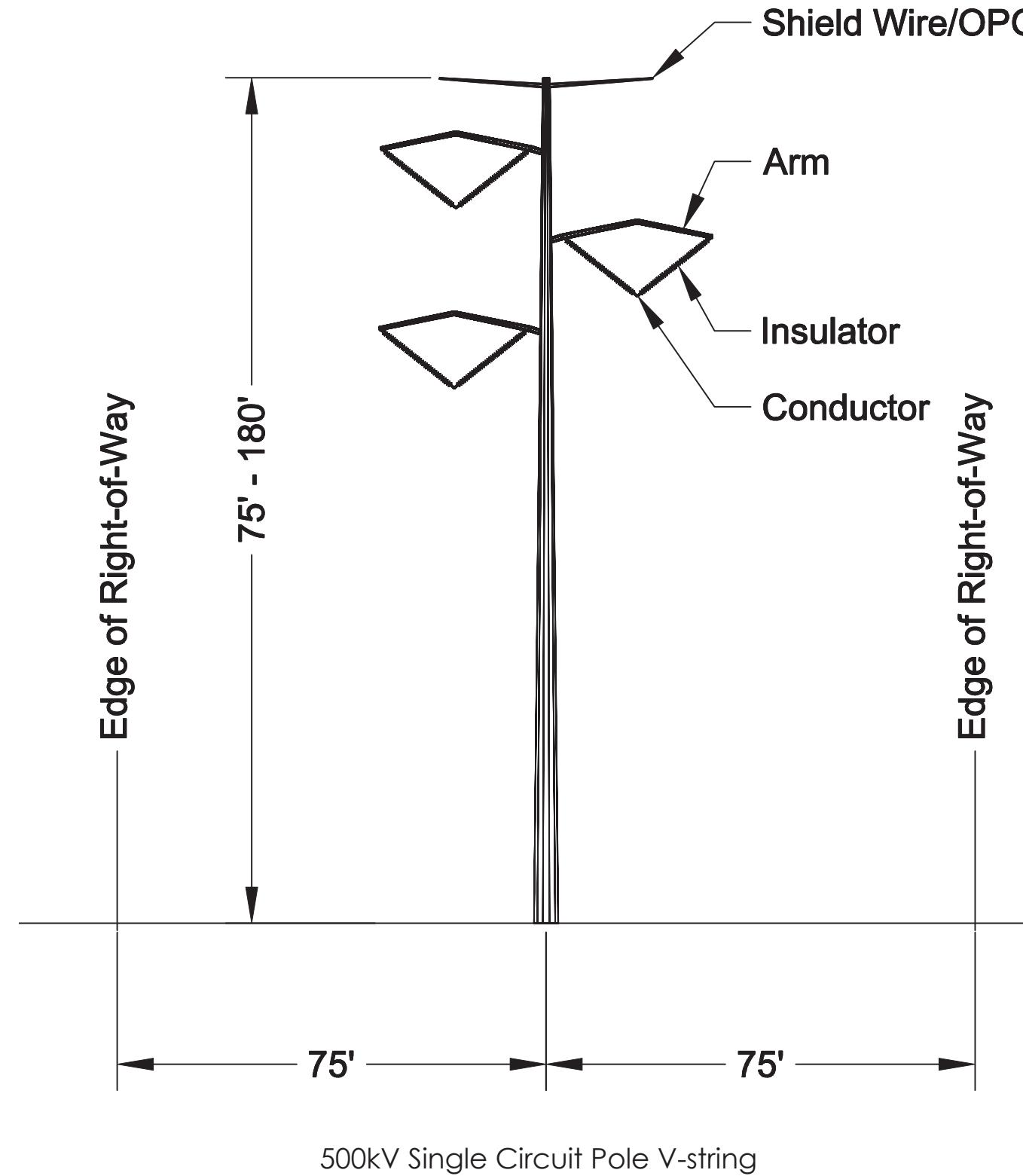
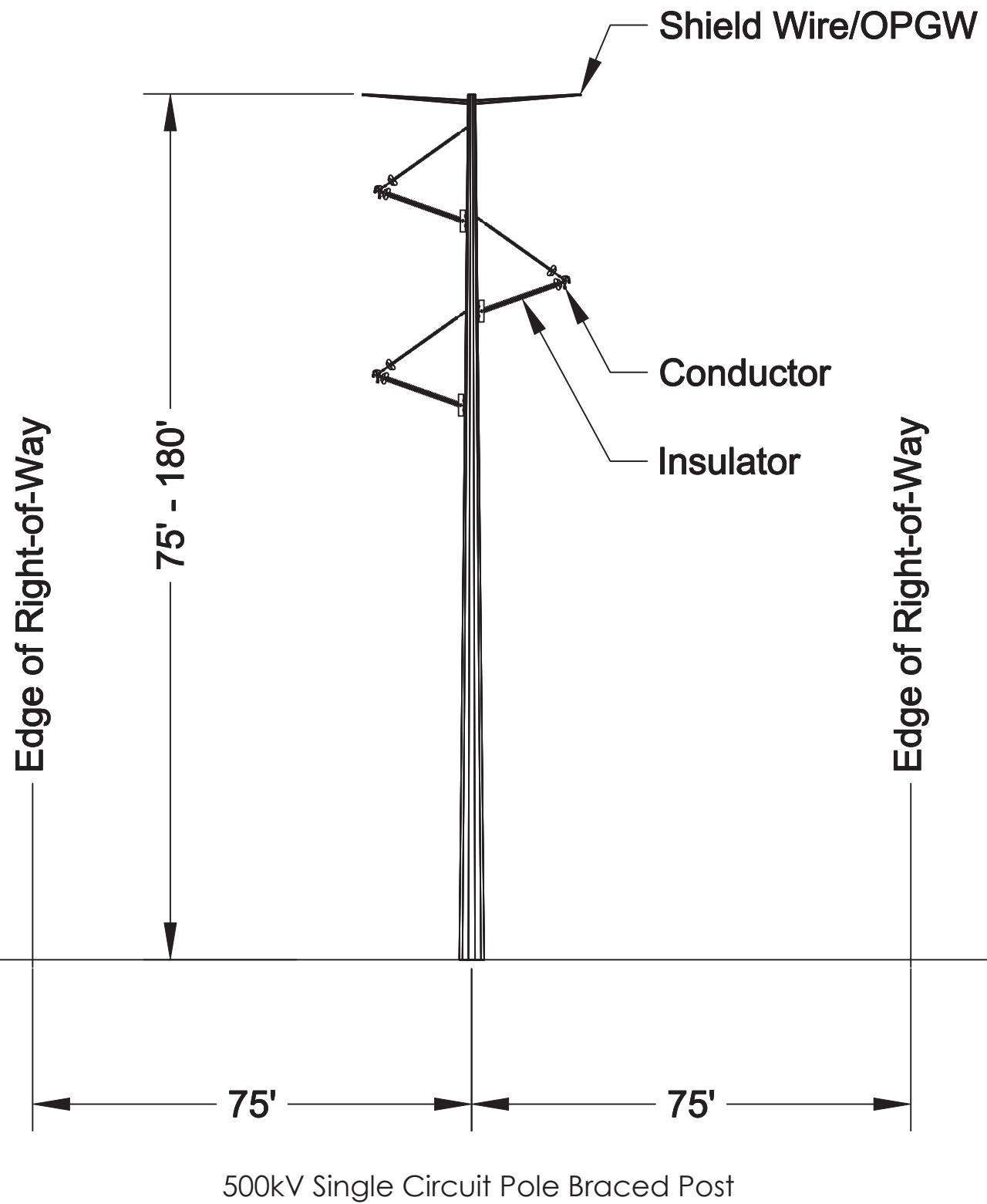


Figure 2.1-16: 500kV Single Circuit Pole Braced Post and V-string

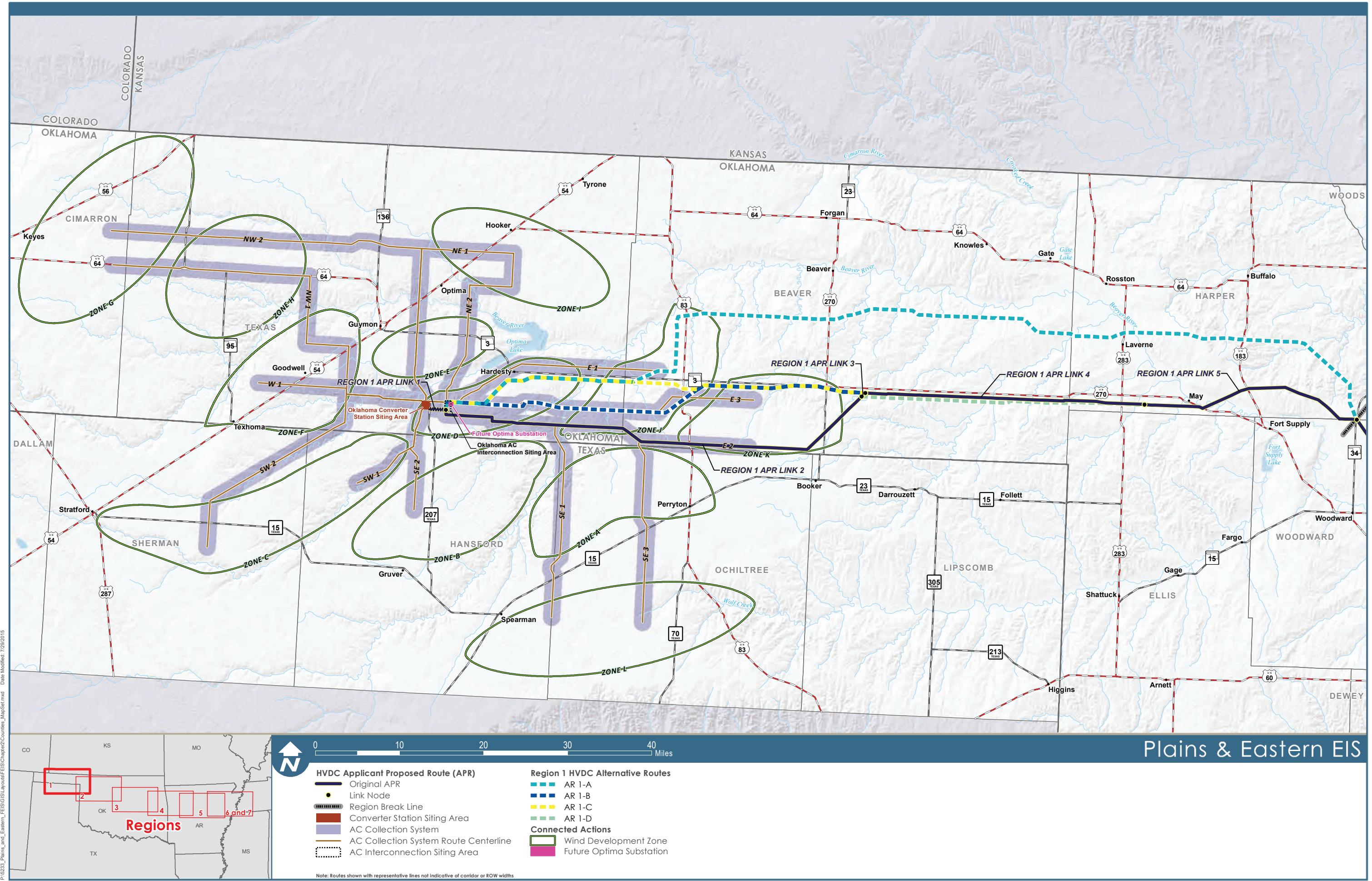


Figure 2.1-17a: Counties Crossed by Project Features

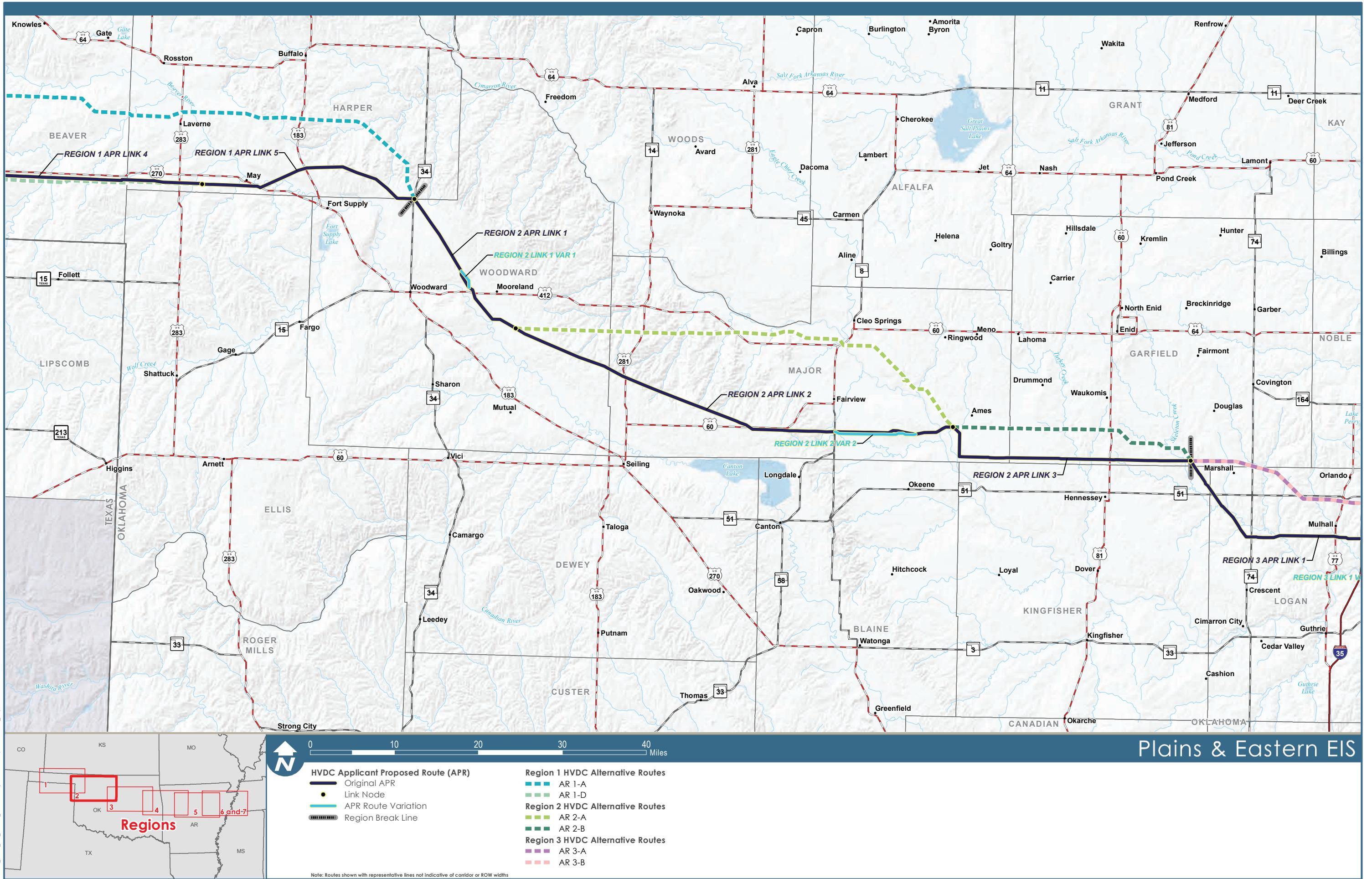


Figure 2.1-17b: Counties Crossed by Project Features

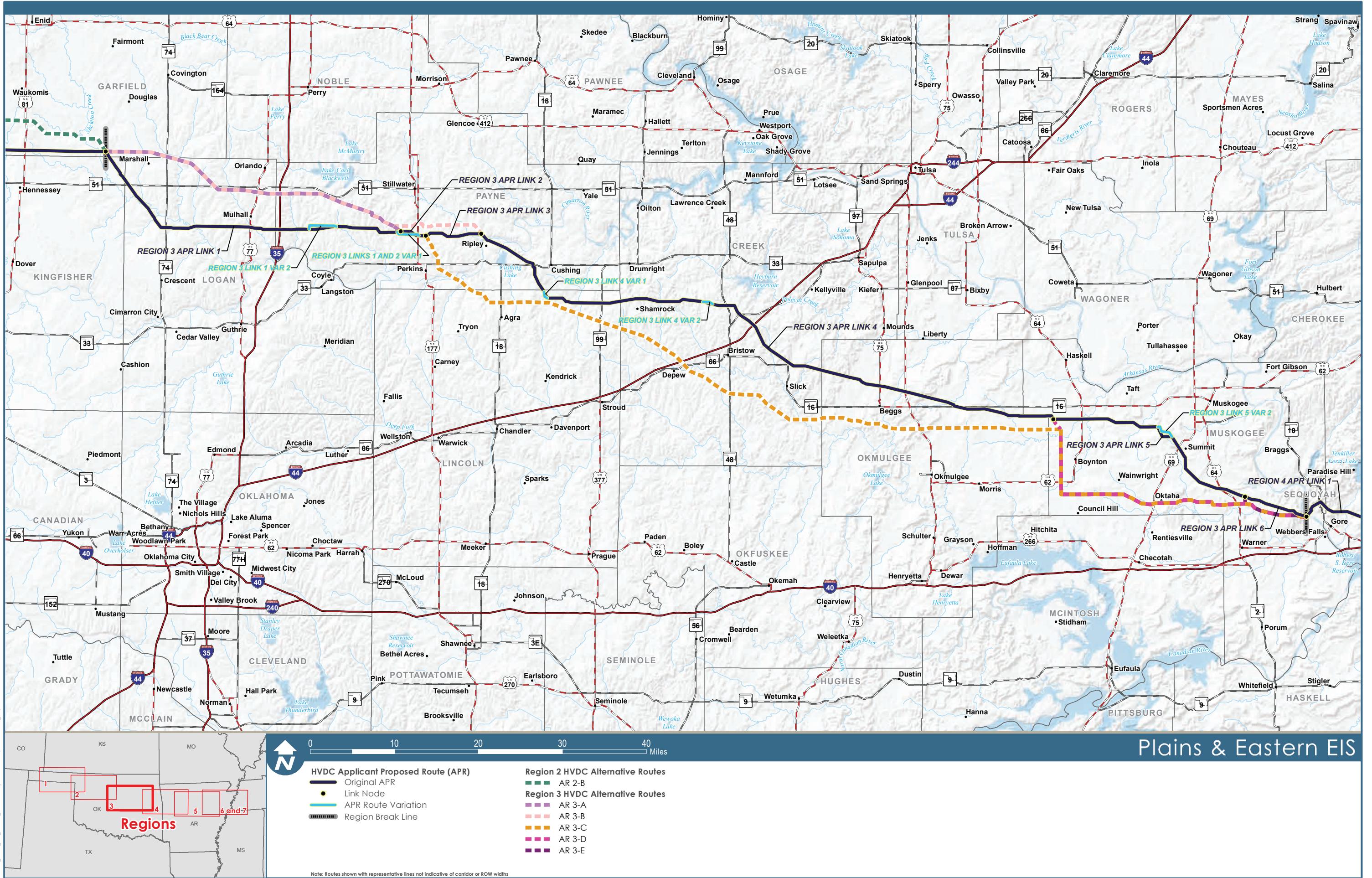


Figure 2.1-17c: Counties Crossed by Project Features

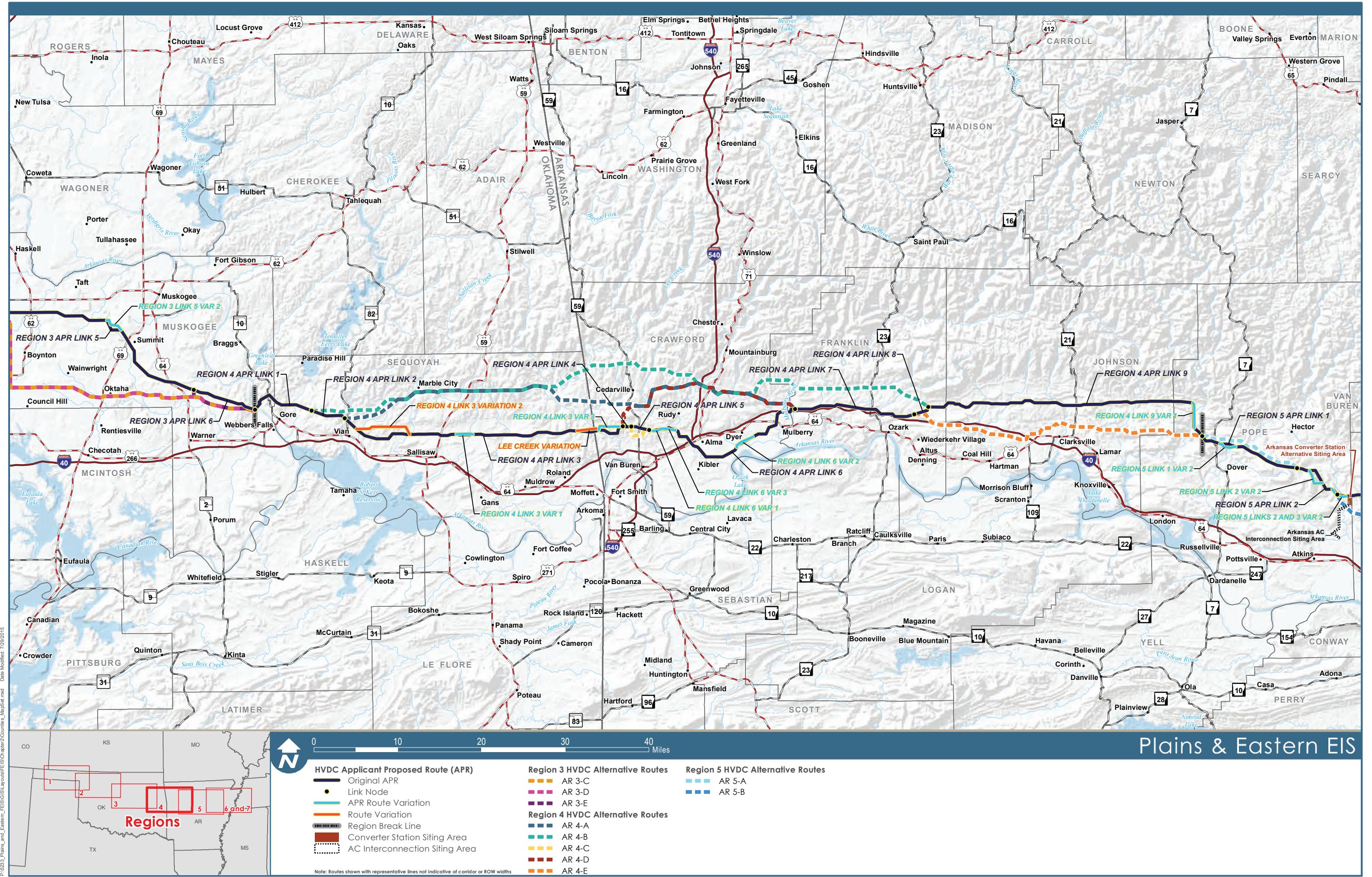


Figure 2.1-17d: Counties Crossed by Project Features

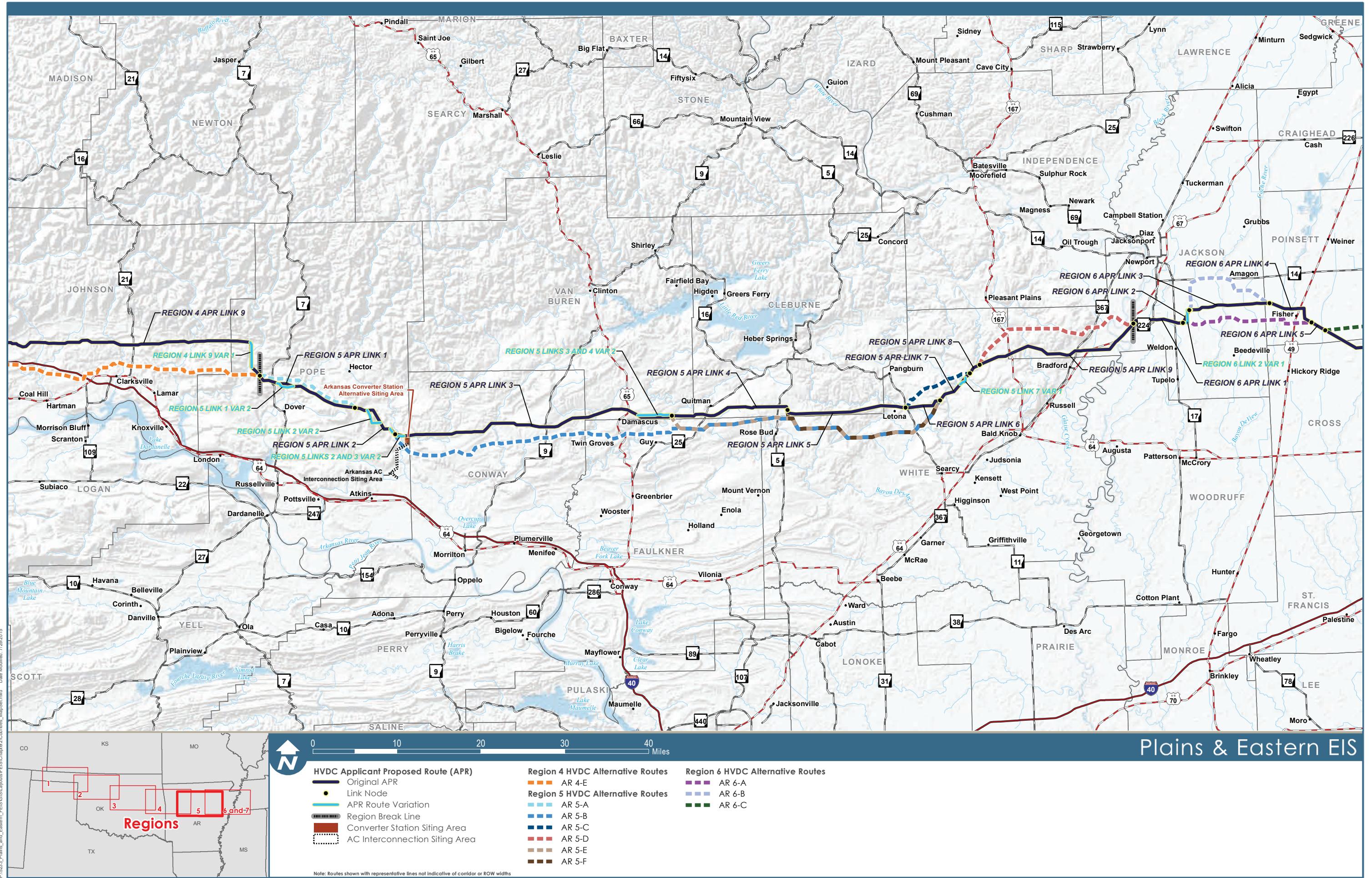


Figure 2.1-17e: Counties Crossed by Project Features

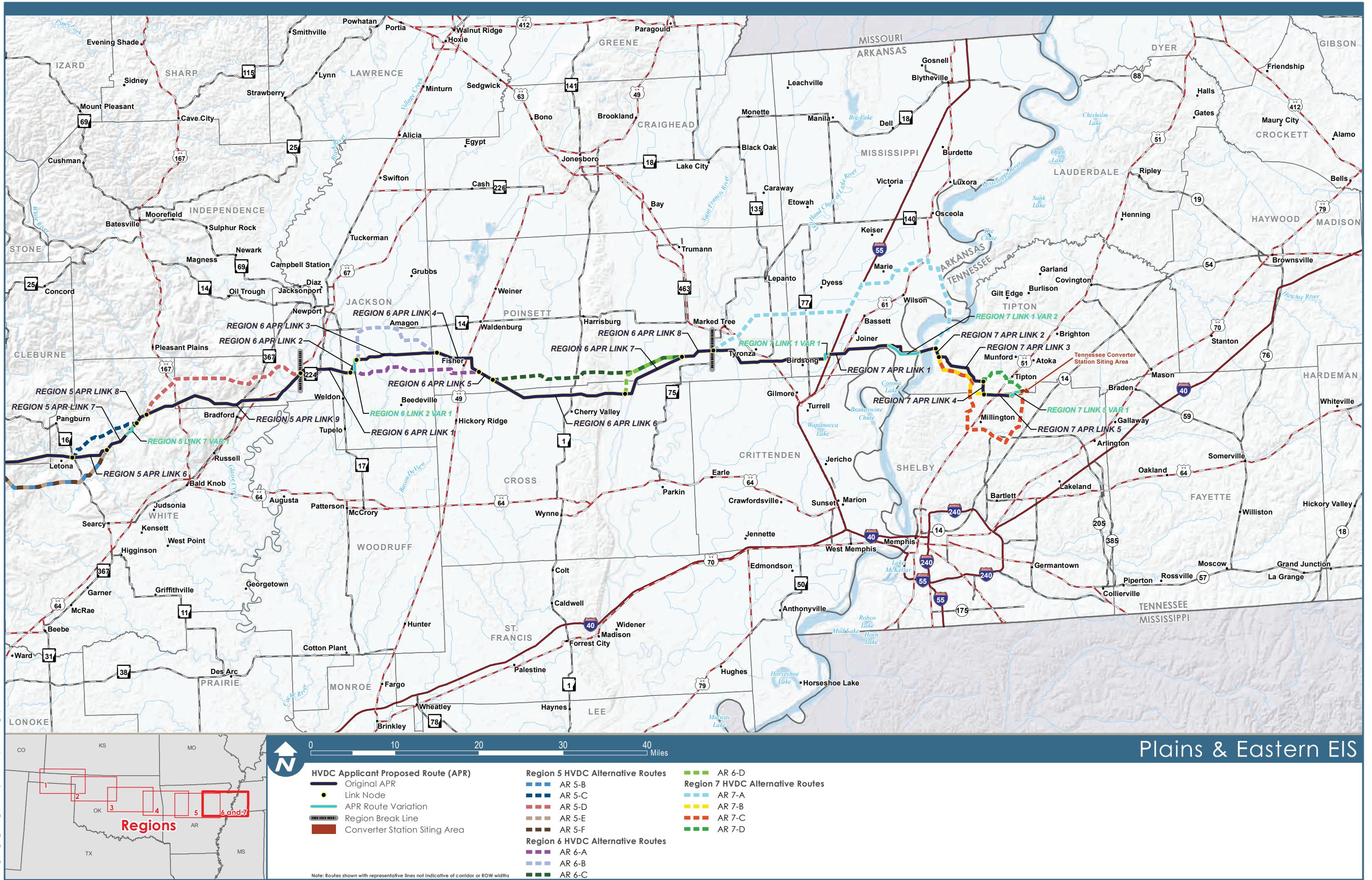


Figure 2.1-17f: Counties Crossed by Project Features

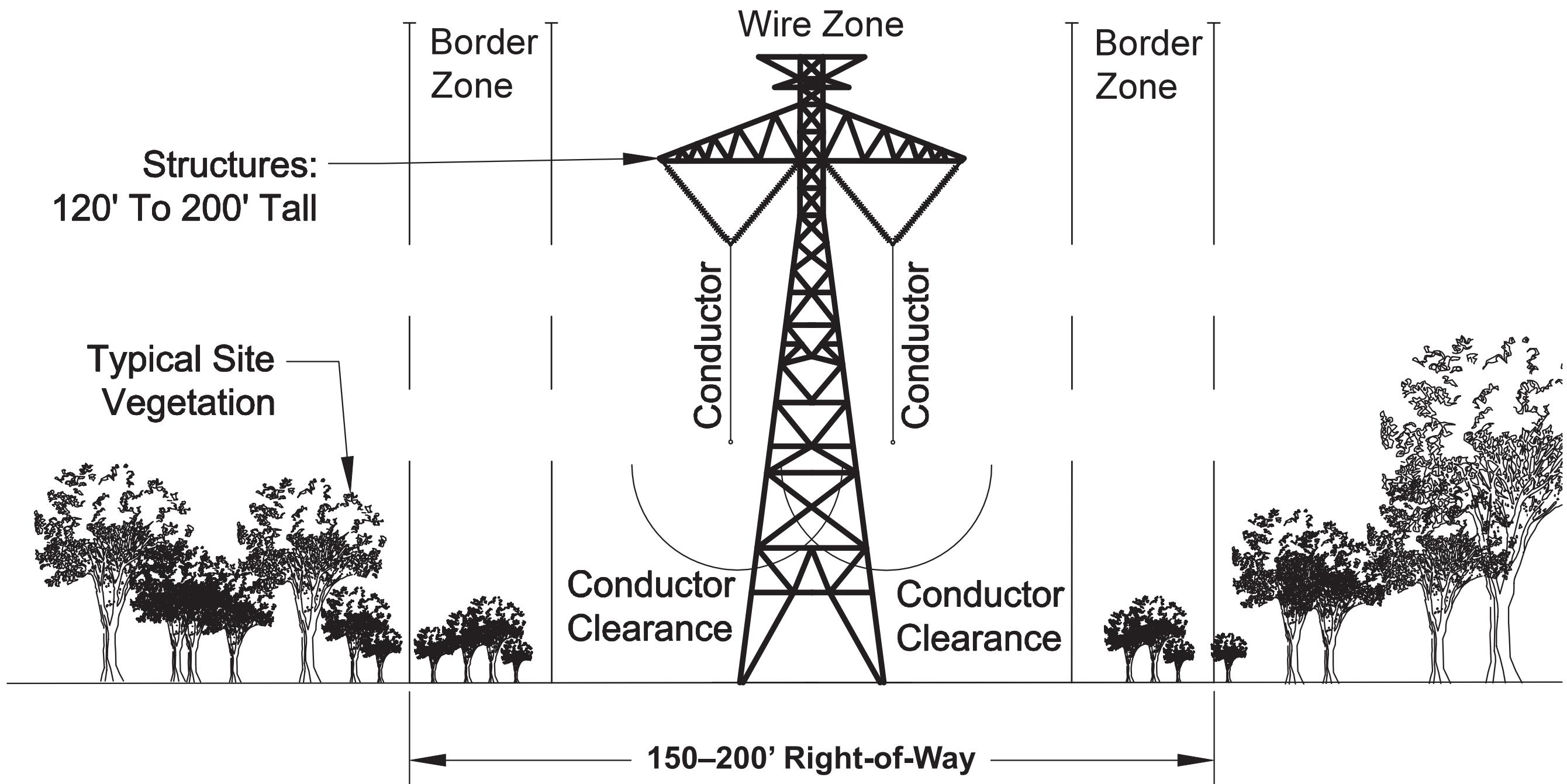


Figure 2.1-18: HVDC ROW Limits

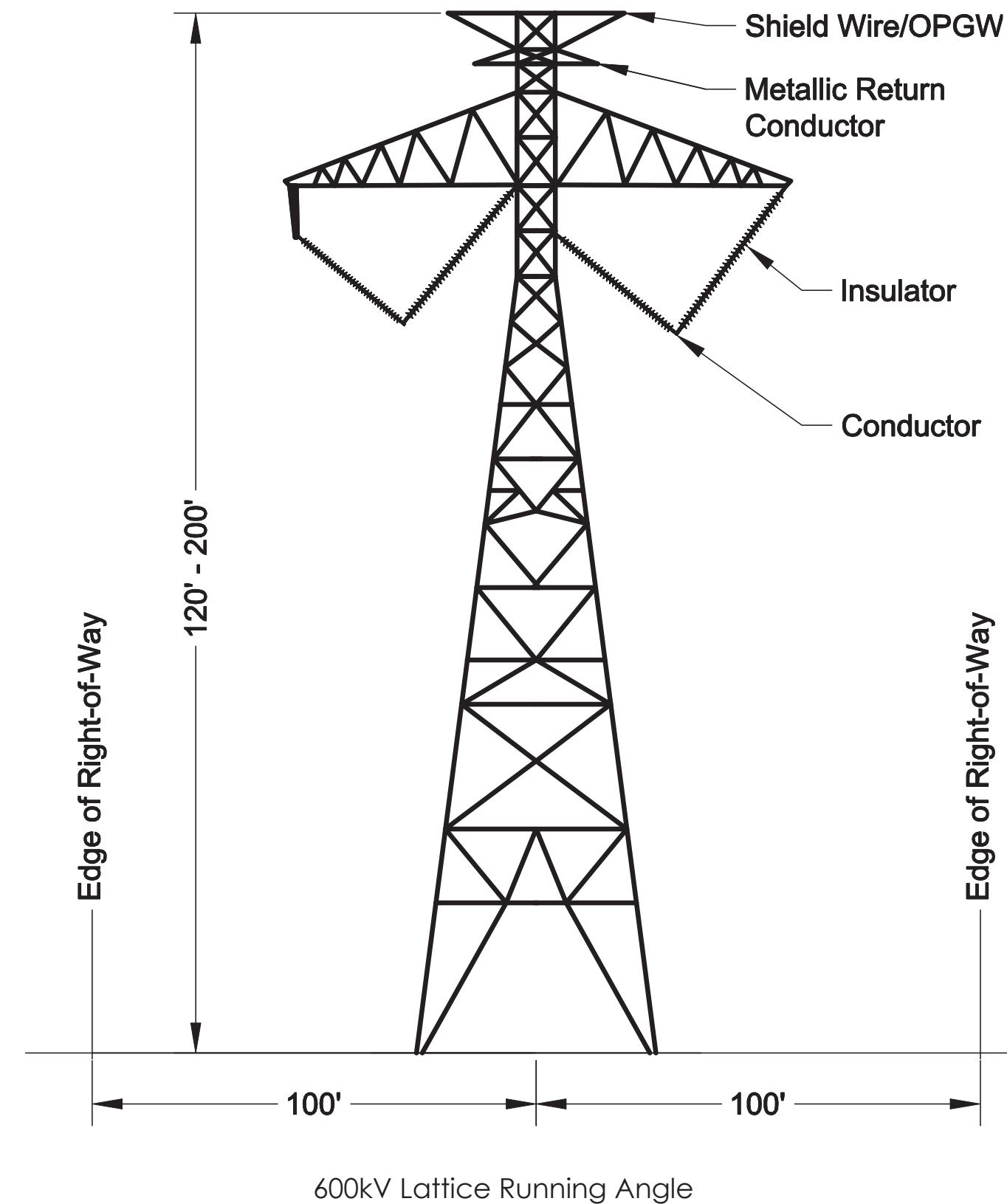
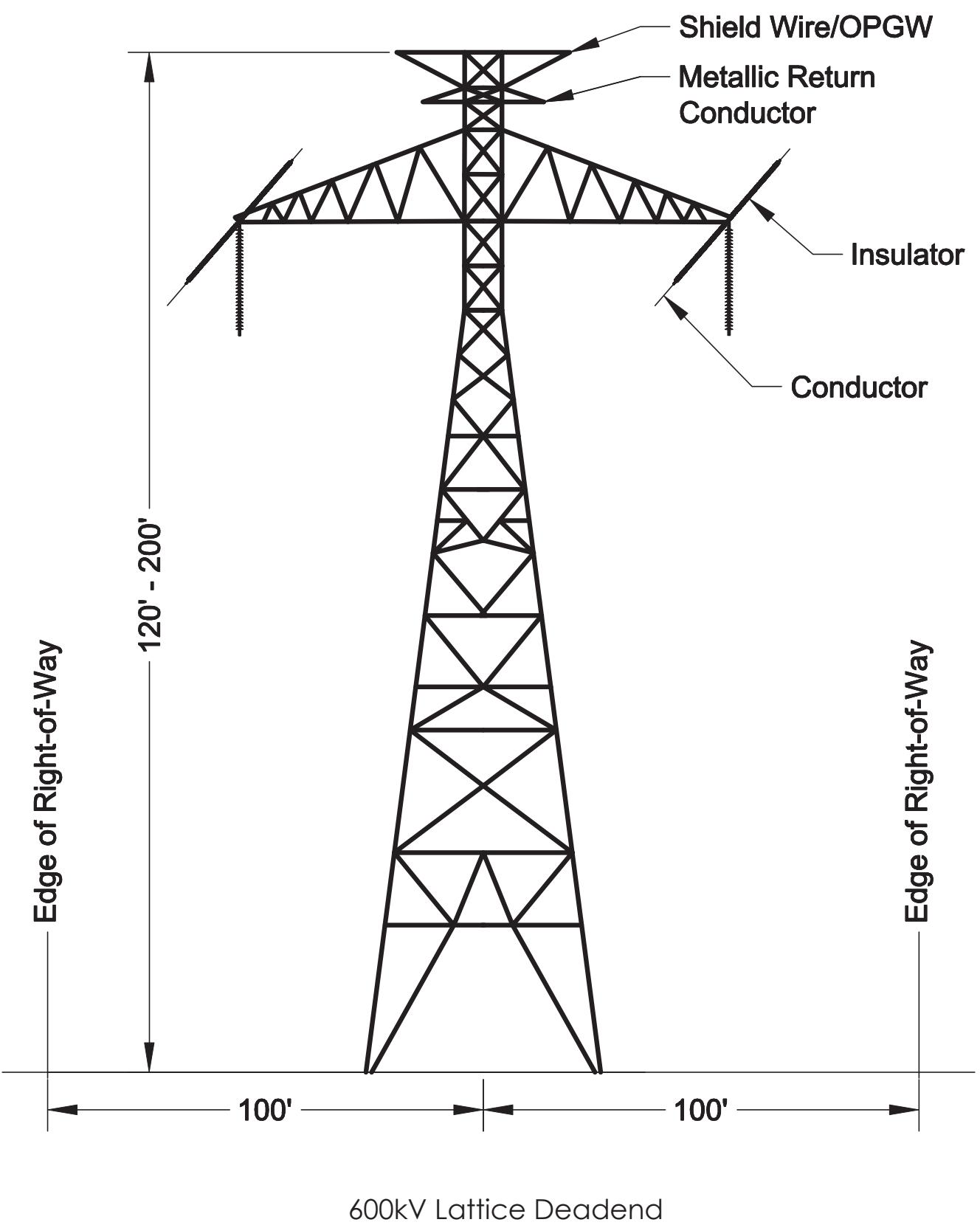


Figure 2.1-19: 600kV Lattice Deadend and Running Angle

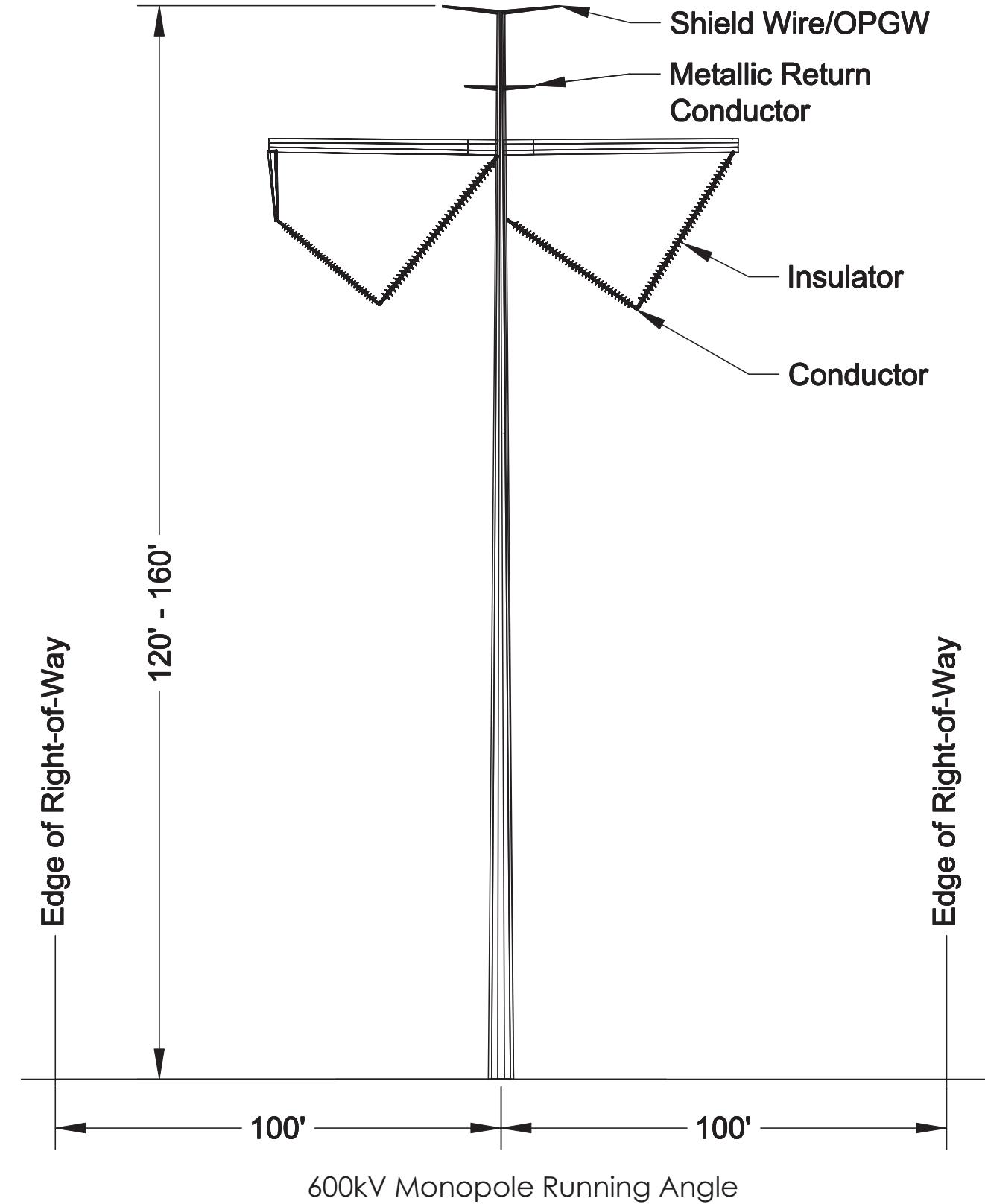
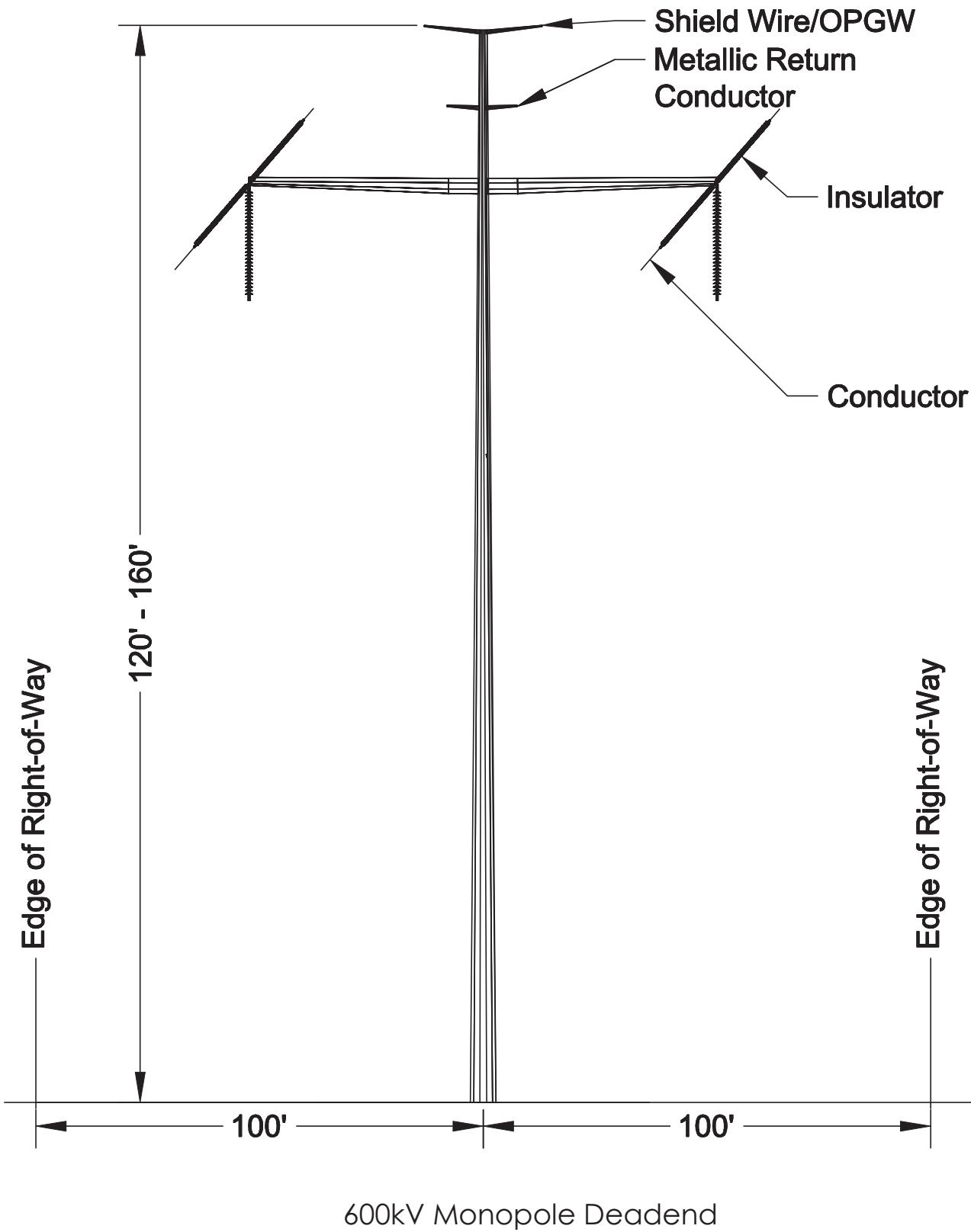


Figure 2.1-20: 600kV Monopole Deadend and Running Angle

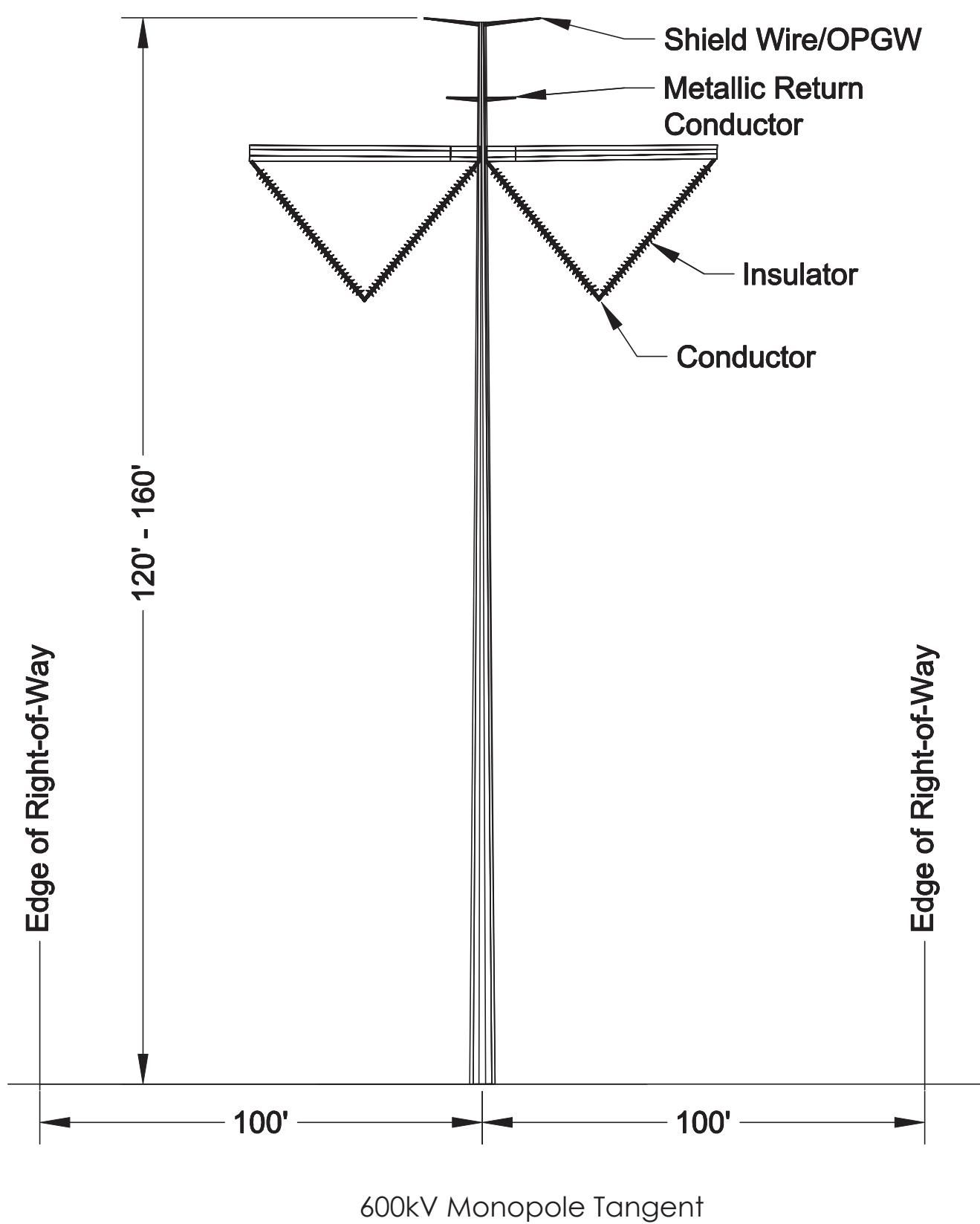
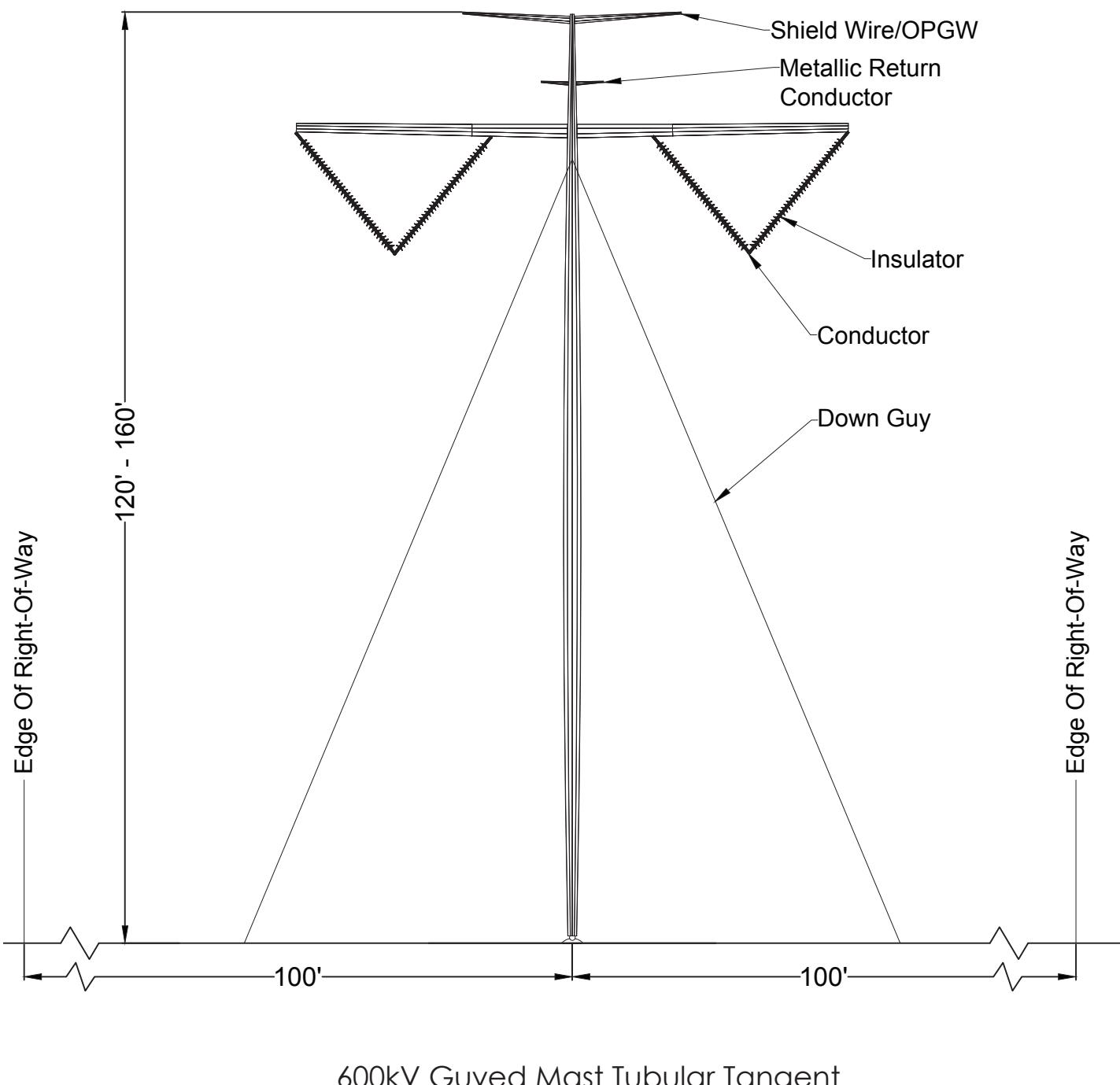


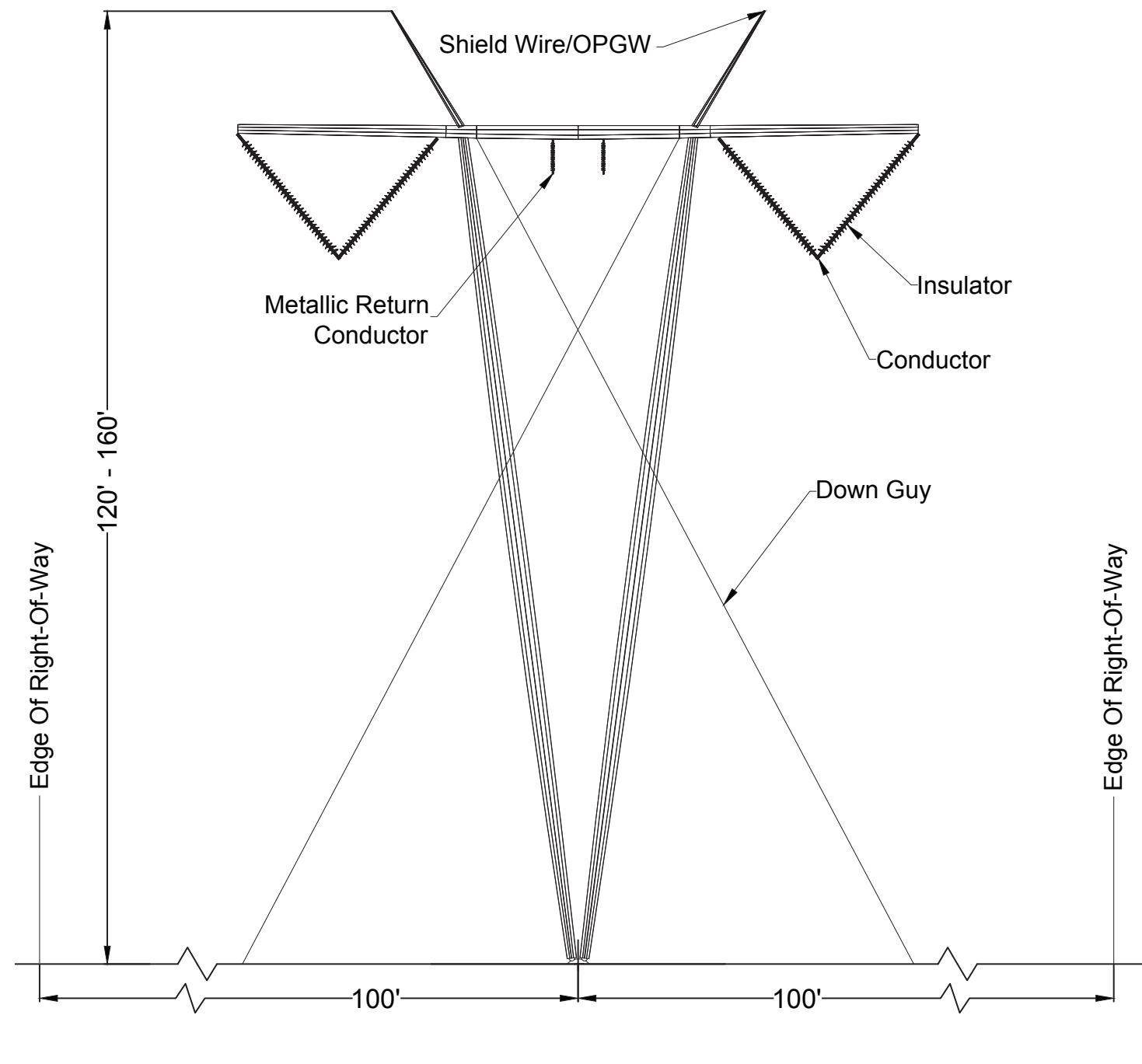
Figure 2.1-21: 600kV Monopole Tangent

Note: Depending on structure height and line angle, guy easements may be required beyond the project 200 foot right-of-way.



600kV Guyed Mast Tubular Tangent

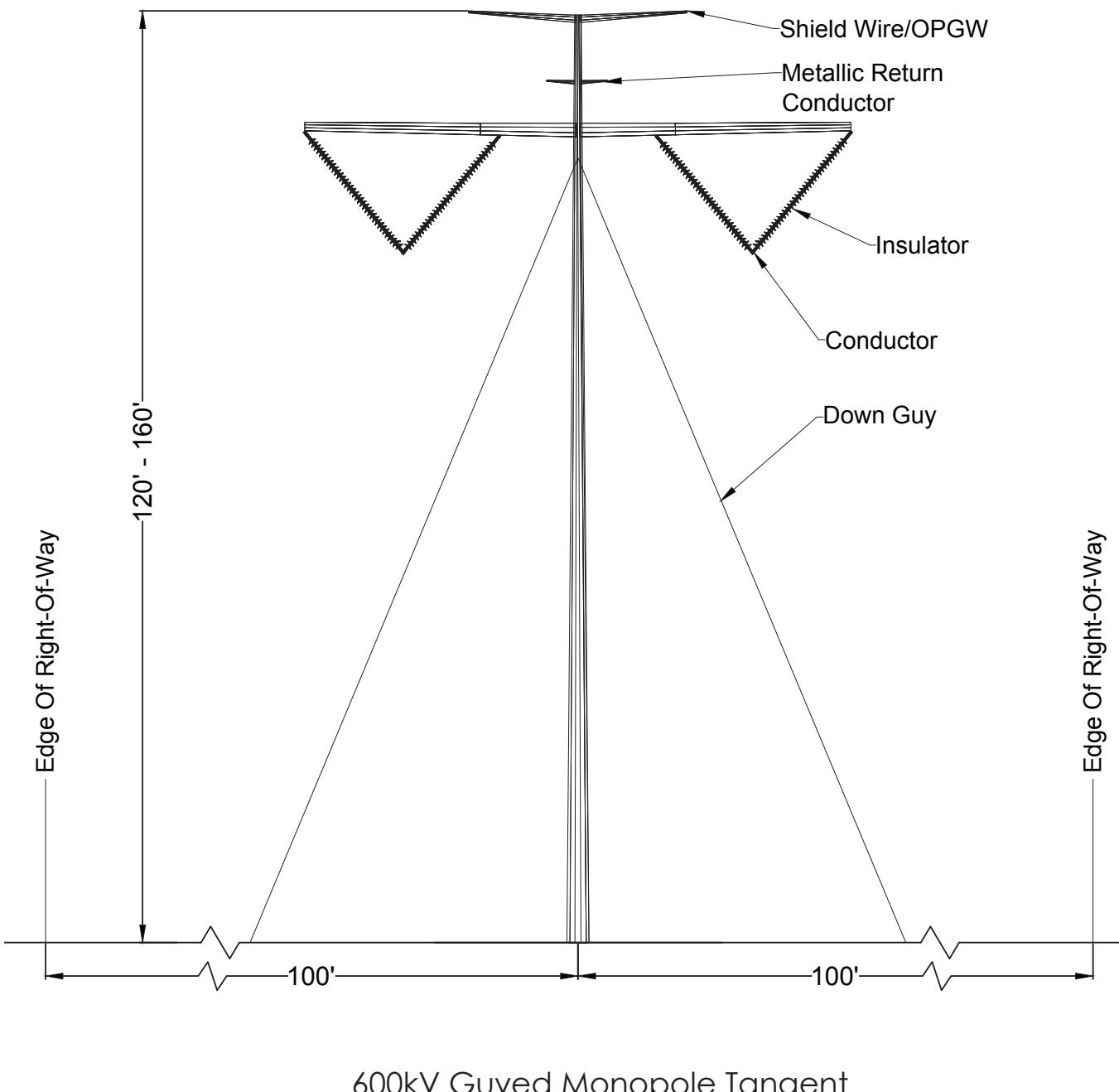
Note: Depending on structure height and line angle, guy easements may be required beyond the project 200 foot right-of-way.



600kV Guyed V-tube Tangent

Figure 2.1-22: 600kV Guyed Mast Tubular Tangent and Guyed V-tube Tangent

Note: Depending on structure height and line angle, guy easements may be required beyond the project 200 foot right-of-way.



Note: Depending on structure height and line angle, guy easements may be required beyond the project 200 foot right-of-way.

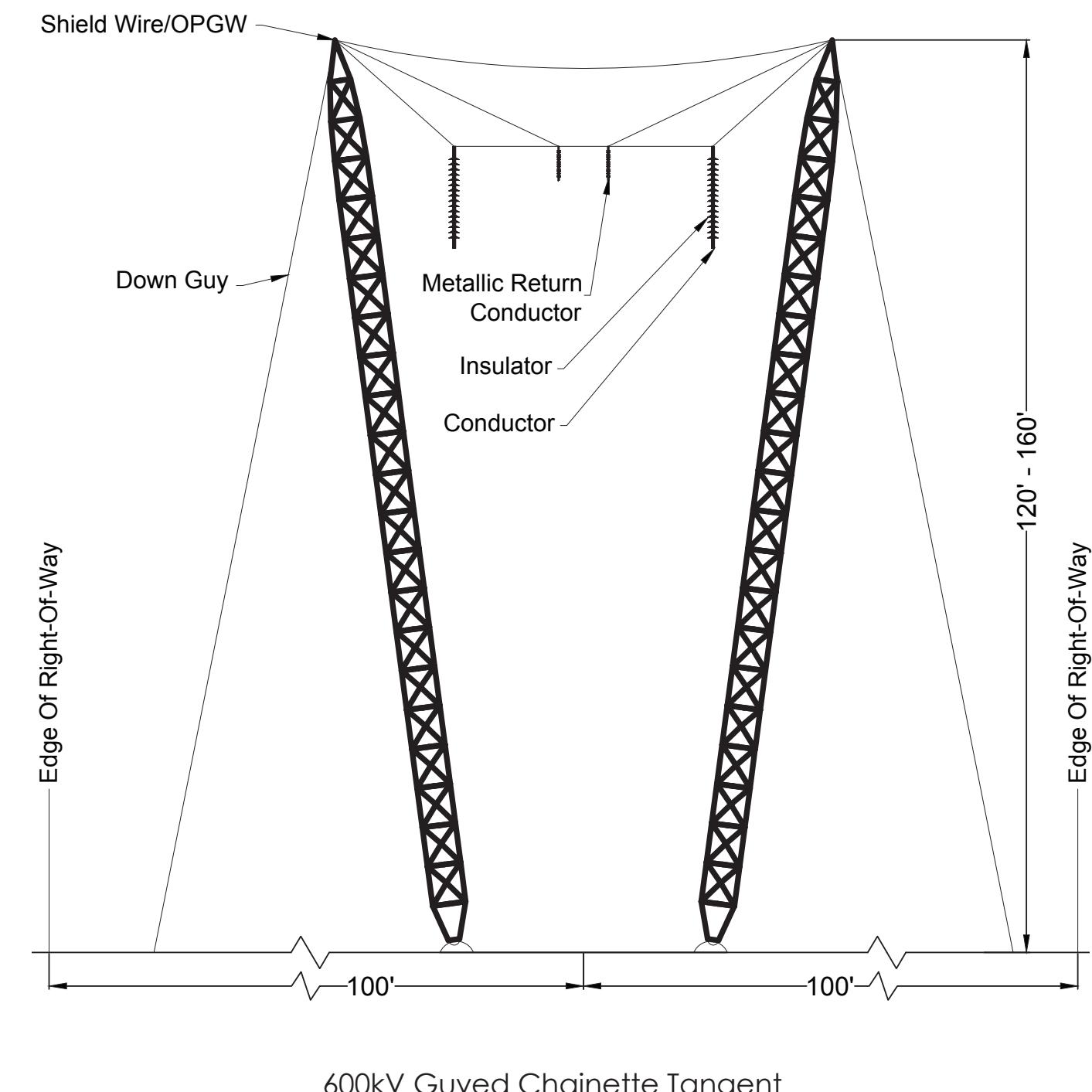
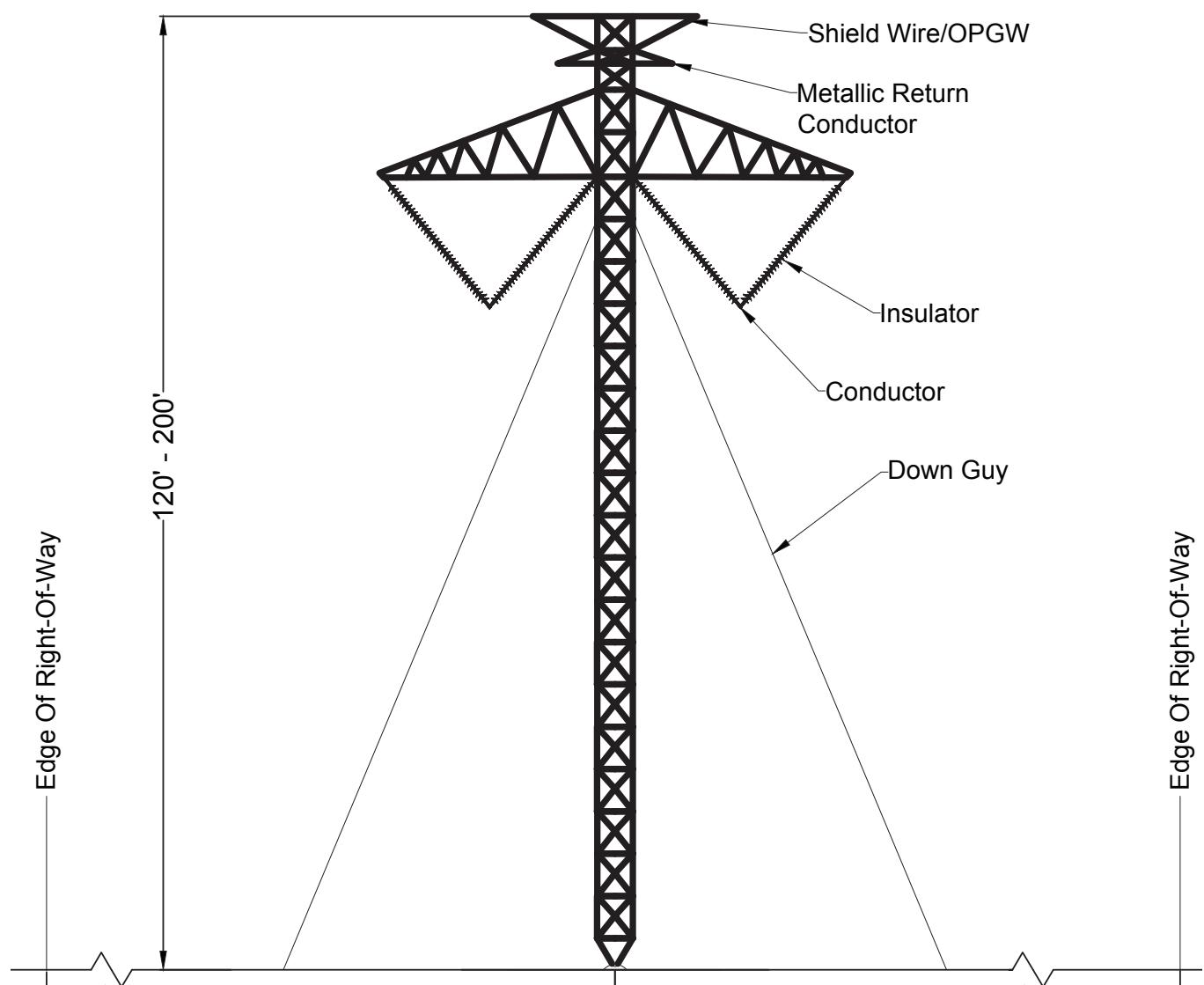
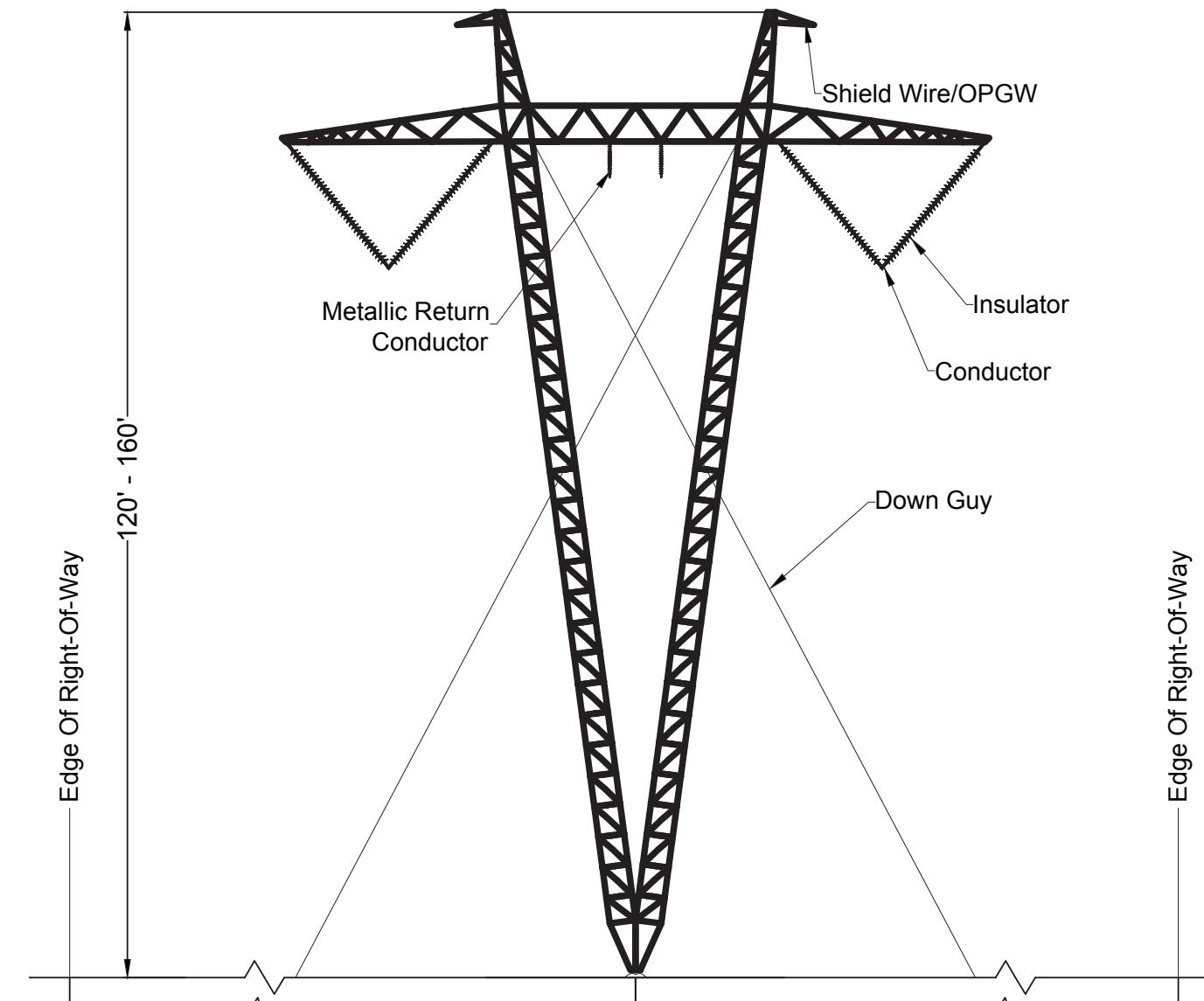


Figure 2.1-23: 600kV Guyed Monopole Tangent and Guyed Chainette Tangent



600kV Guyed Mast Lattice Tangent



600kV Guyed V-lattice Tangent

Figure 2.1-24: 600kV Guyed Mast Lattice Tangent and Guyed V-lattice Tangent

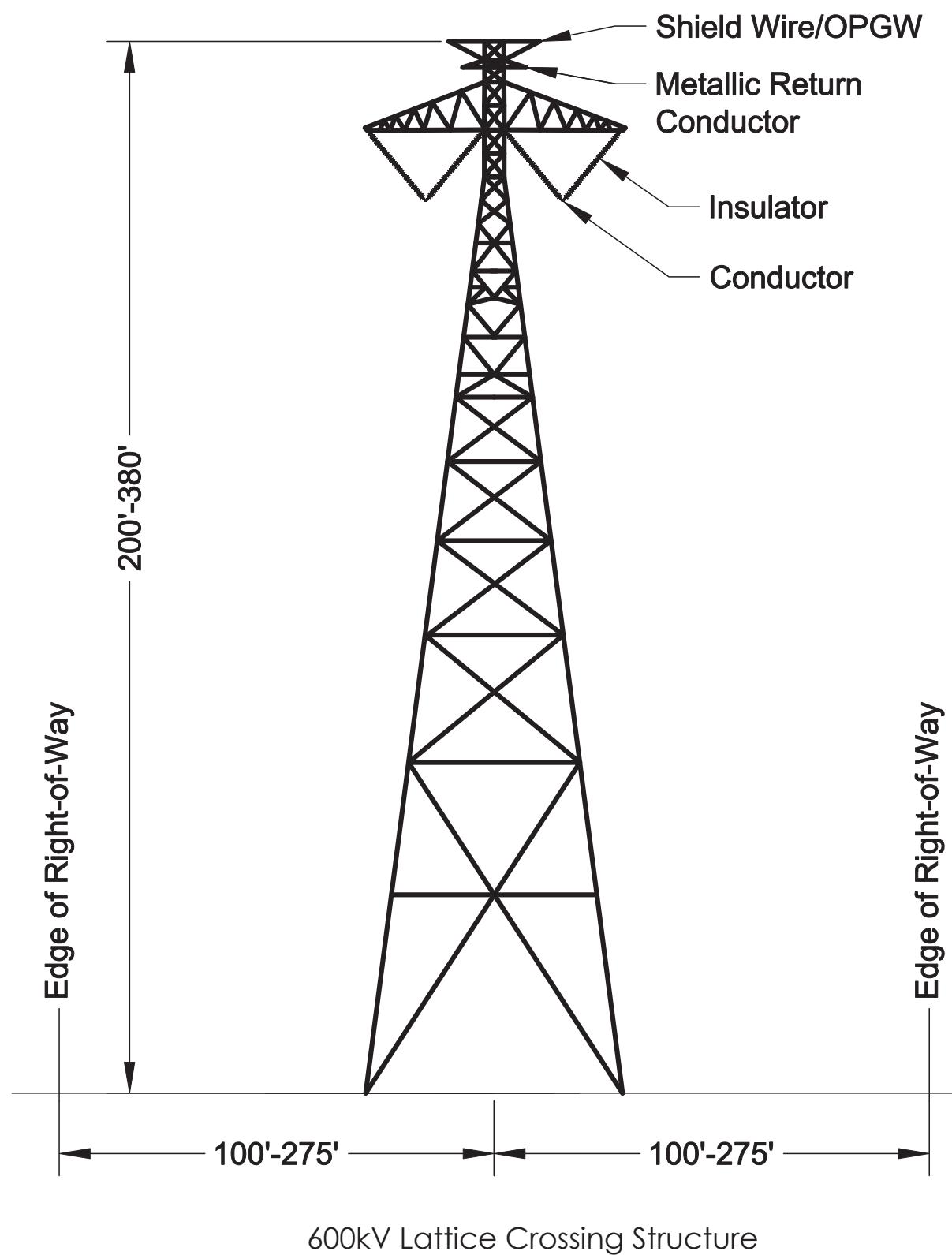


Figure 2.1-25: 600kV Lattice Crossing Structure

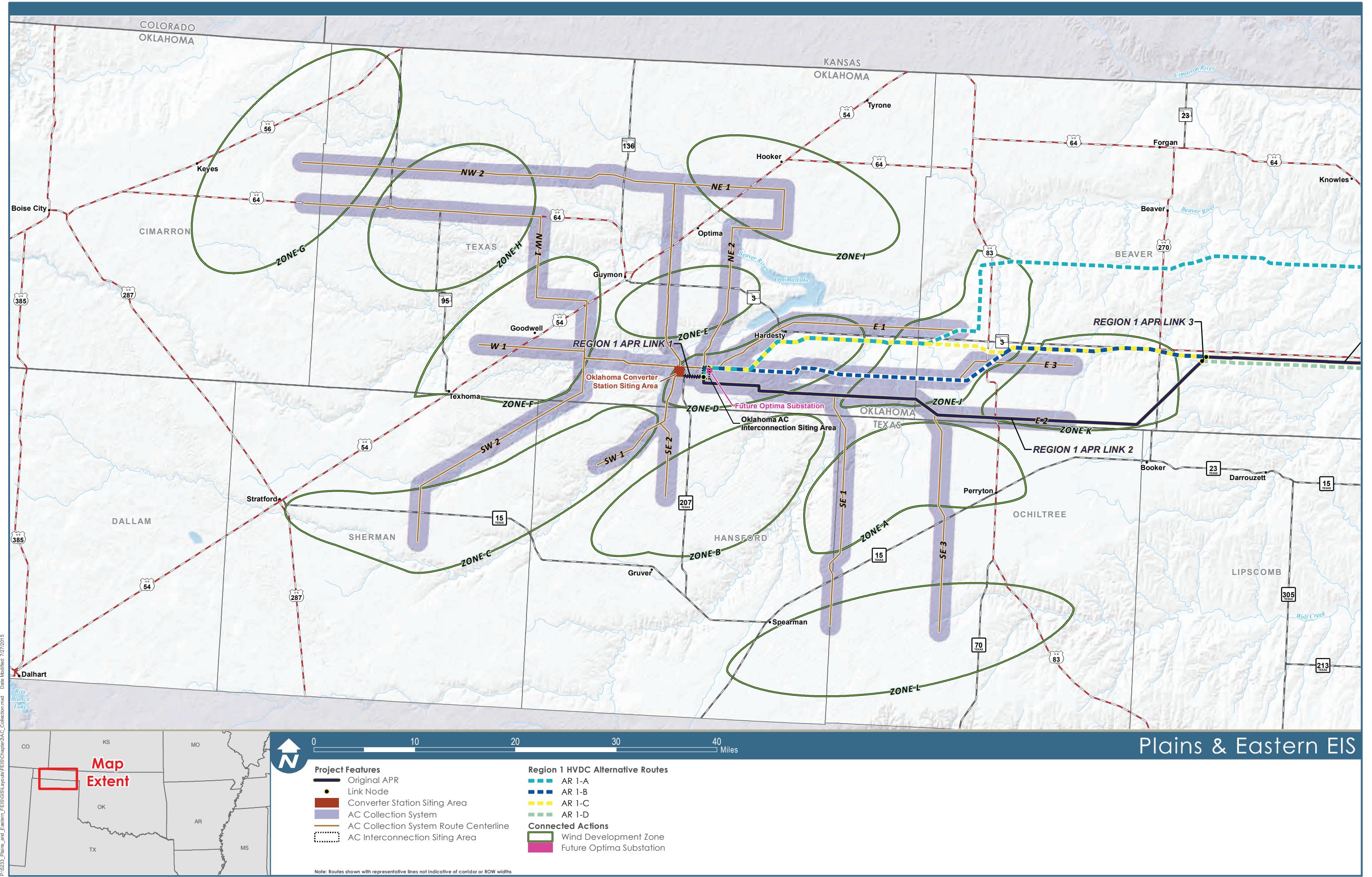


Figure 2.1-26: AC Collection System Routes

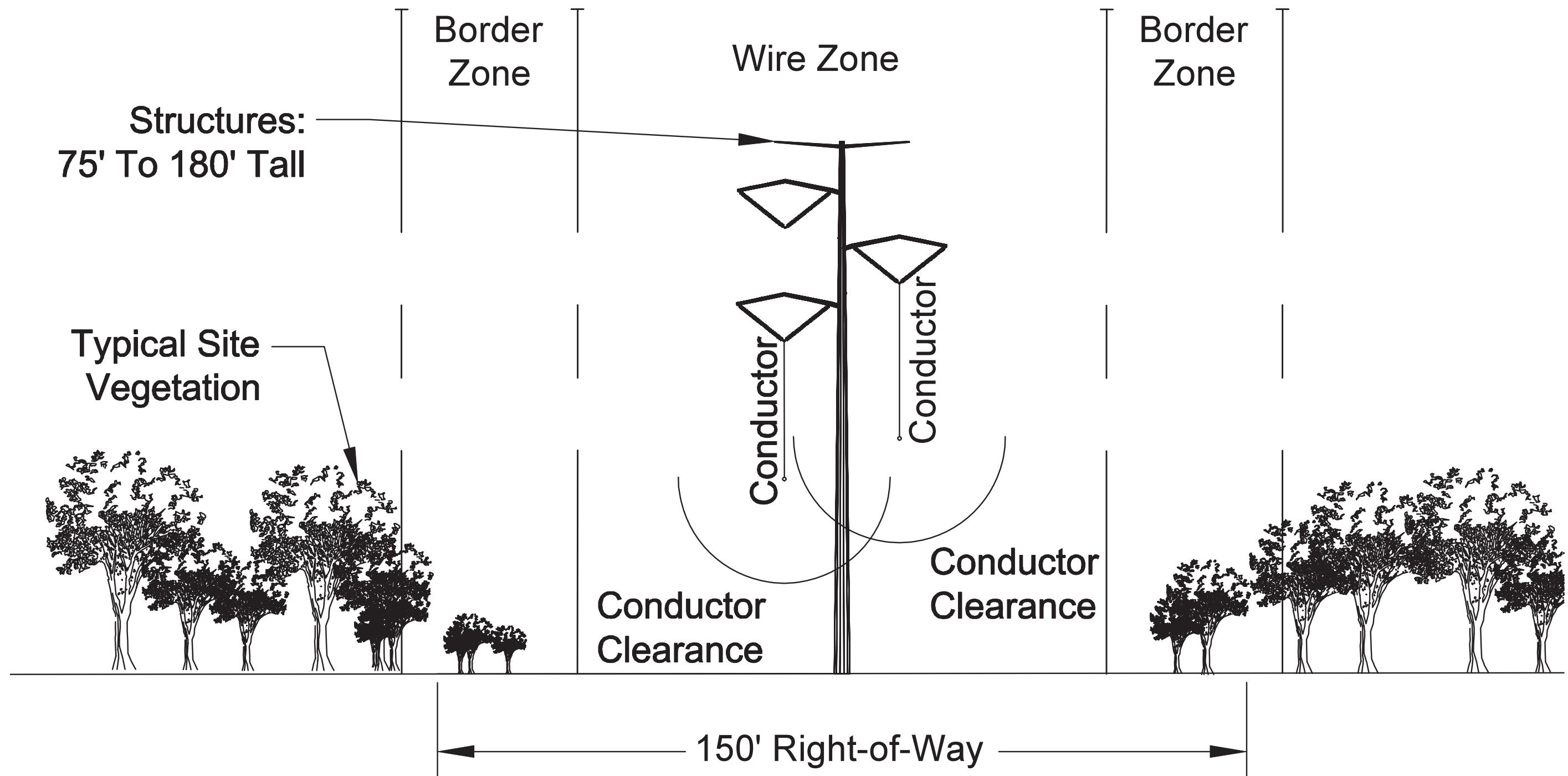


Figure 2.1-27: AC ROW Limits

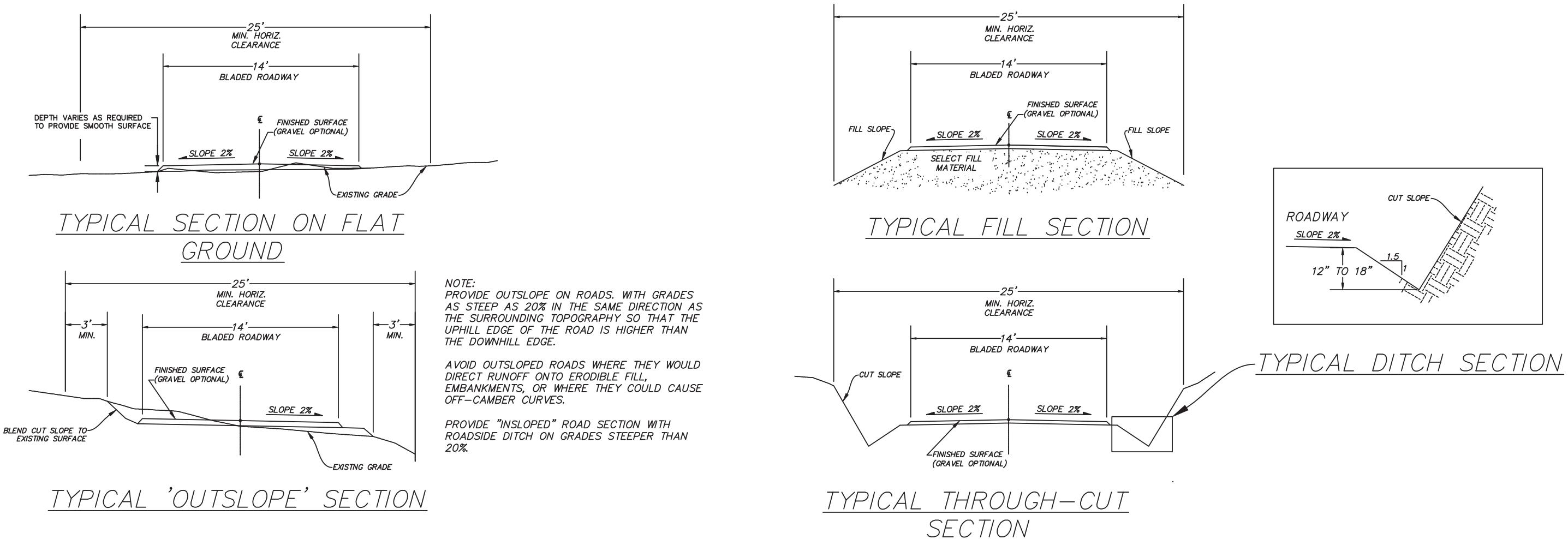


Figure 2.1-28: Typical Access Roads

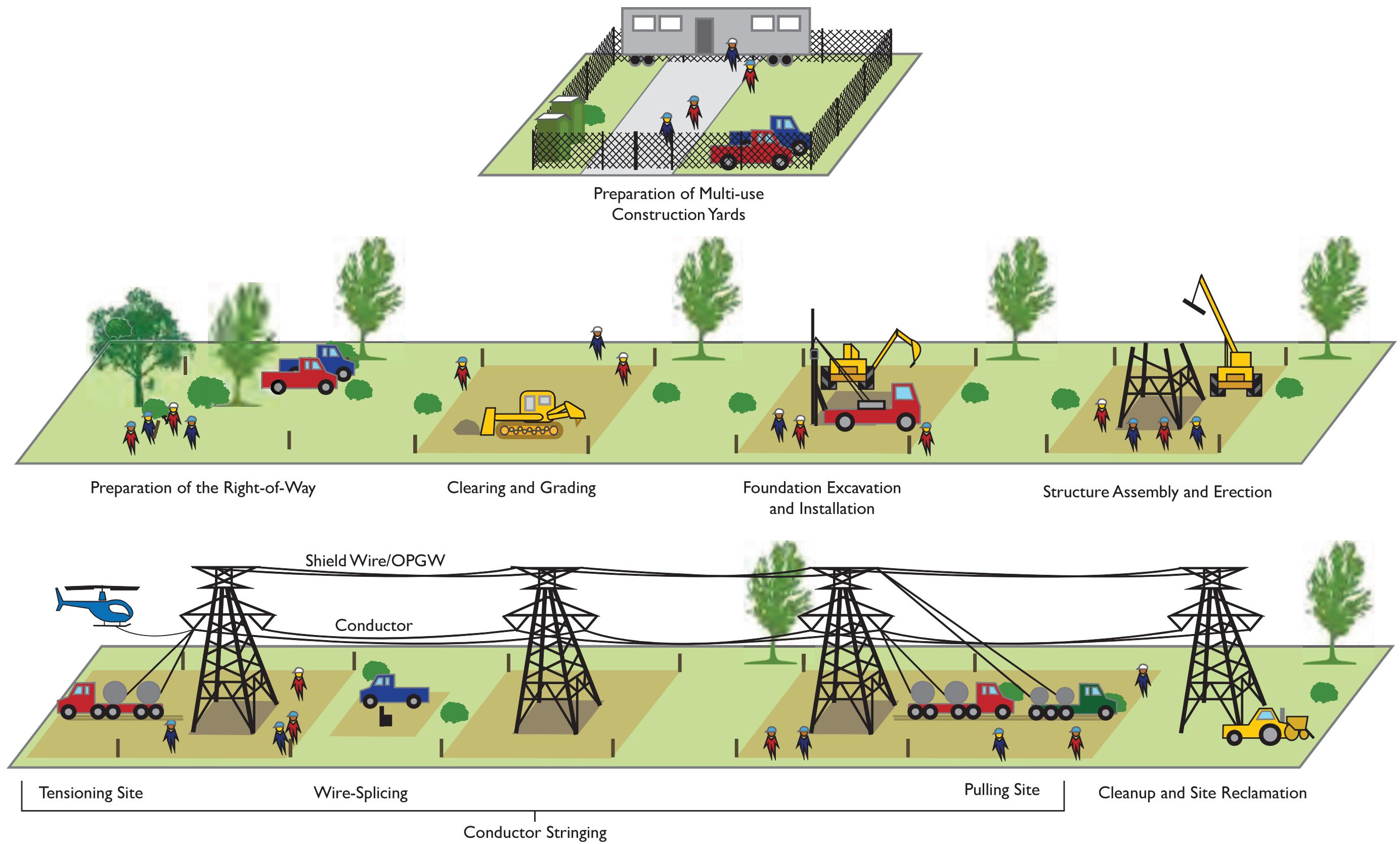
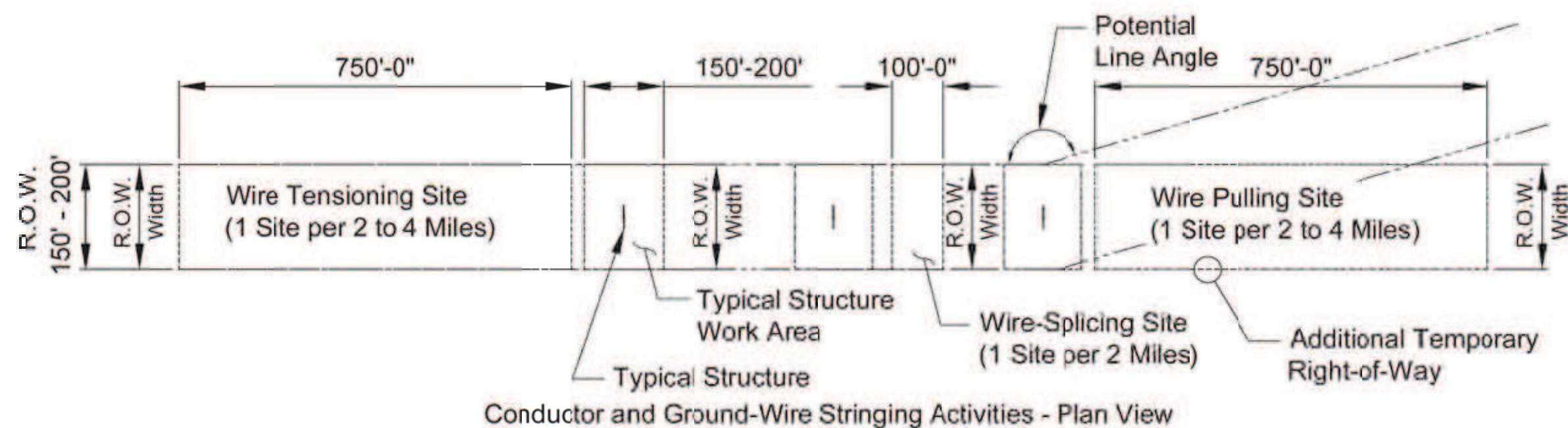
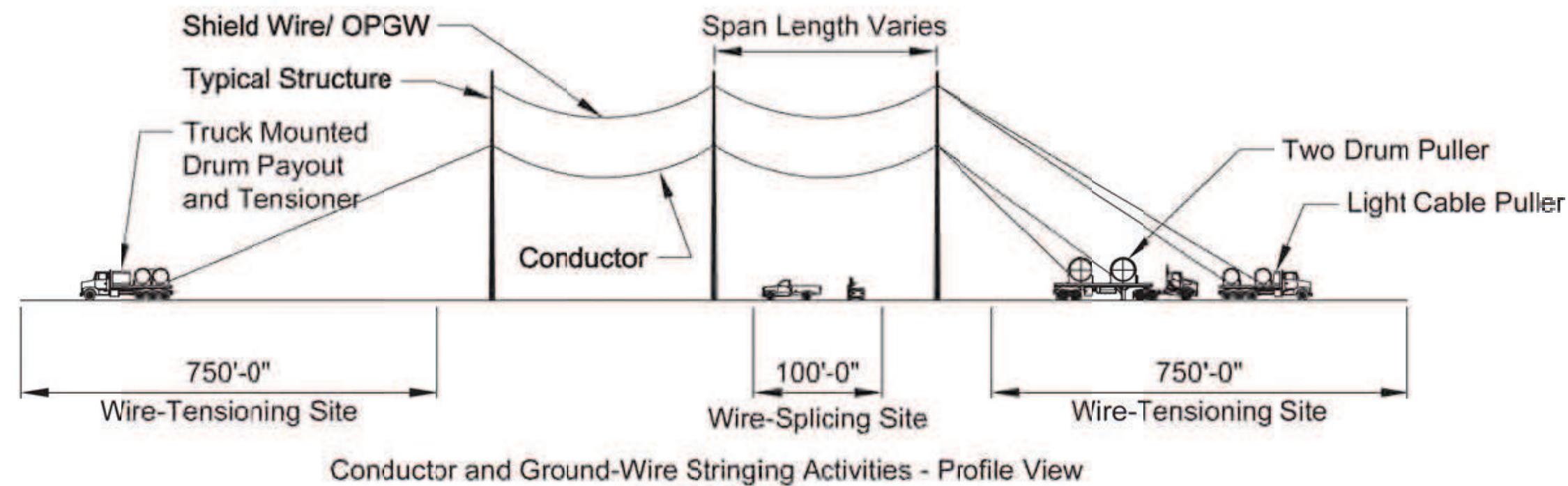
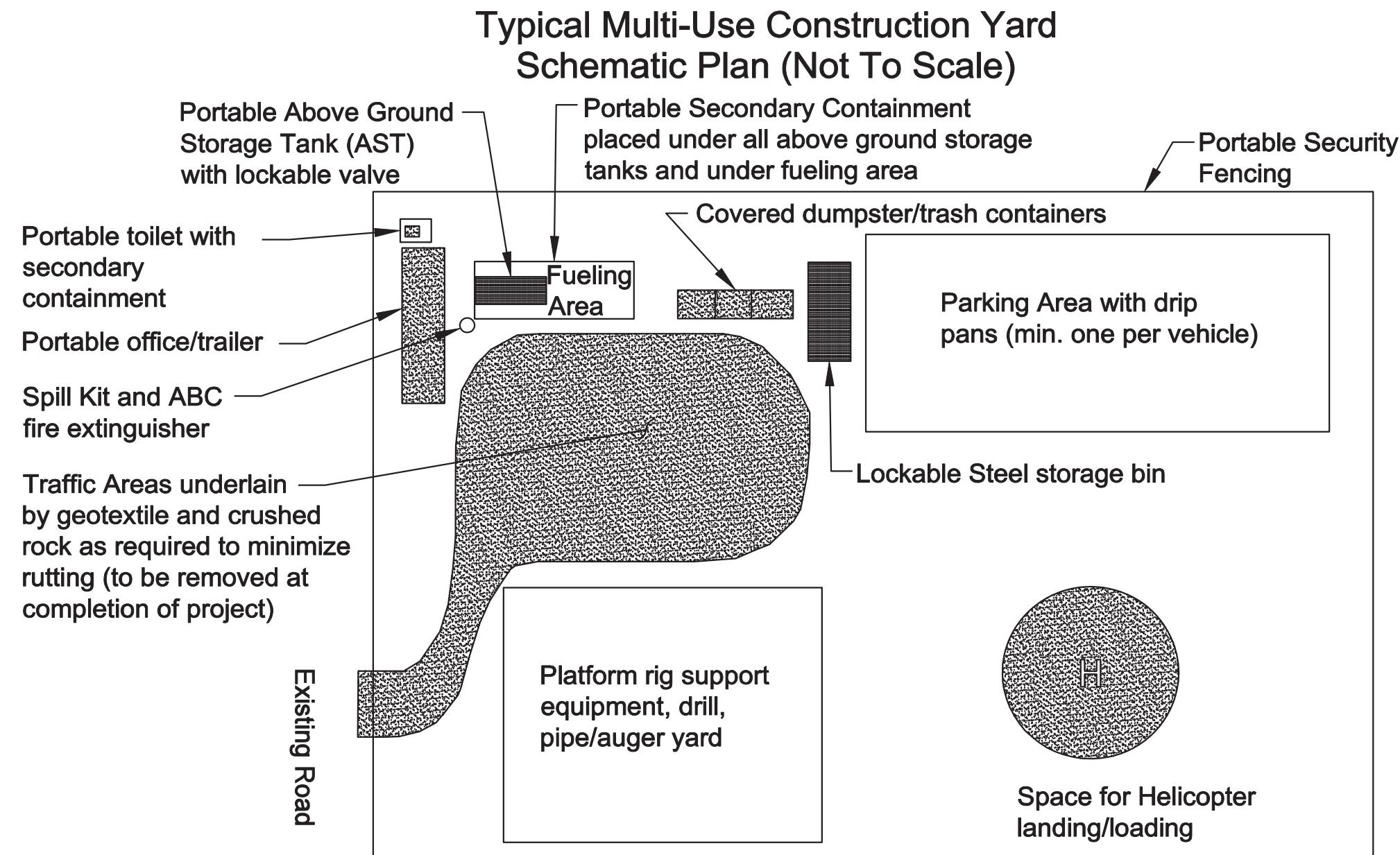


Figure 2.1-29: HVDC Transmission Line Construction Sequence



\*Vehicles and Construction Equipment Not to Scale

Figure 2.1-30: Conductor and Ground-wire Stringing Activities

**Notes:**

- Individual, Multi-Use Areas may be arranged differently but all sites will typically include areas designated for field office, crew parking and sanitation, waste management, fueling area, material storage, and equipment storage.
- Fuel trucks, maintenance trucks and construction crews will be based in Multi-Use Areas.
- Vehicle wash stations may be located at multi use yards.
- Multi-Use Areas can also be used as fly yards (landing areas for helicopters) when needed for assembly and
- erection of tower sections prior to transport to final structure location.
- Staging areas will be reclaimed unless otherwise directed by landowner by removing all element from the site, raking, repairing ruts and seeding disturbed areas.

Figure 2.1-31: Multi-use Construction Yard

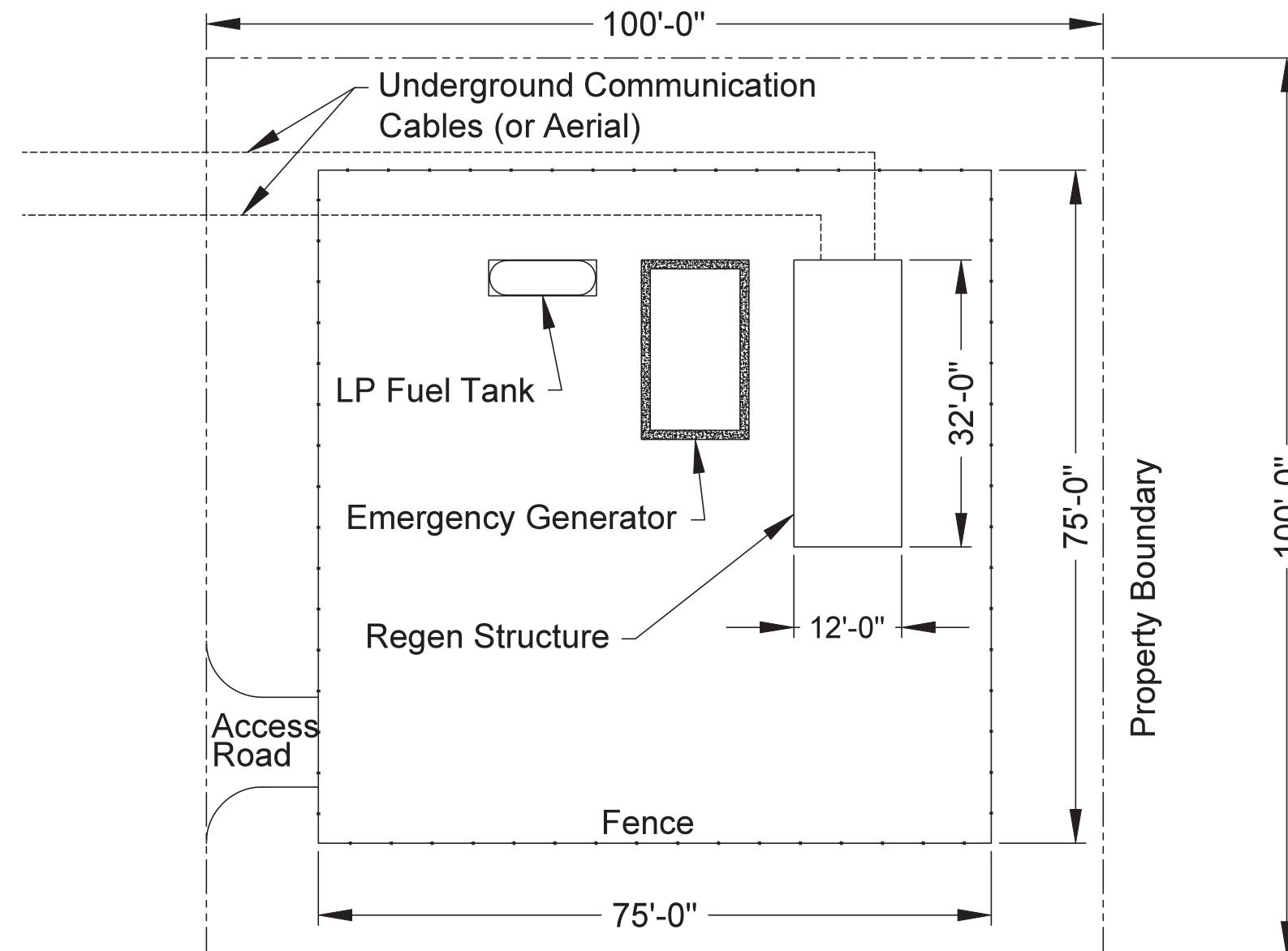


Figure 2.1-32: Regeneration Station