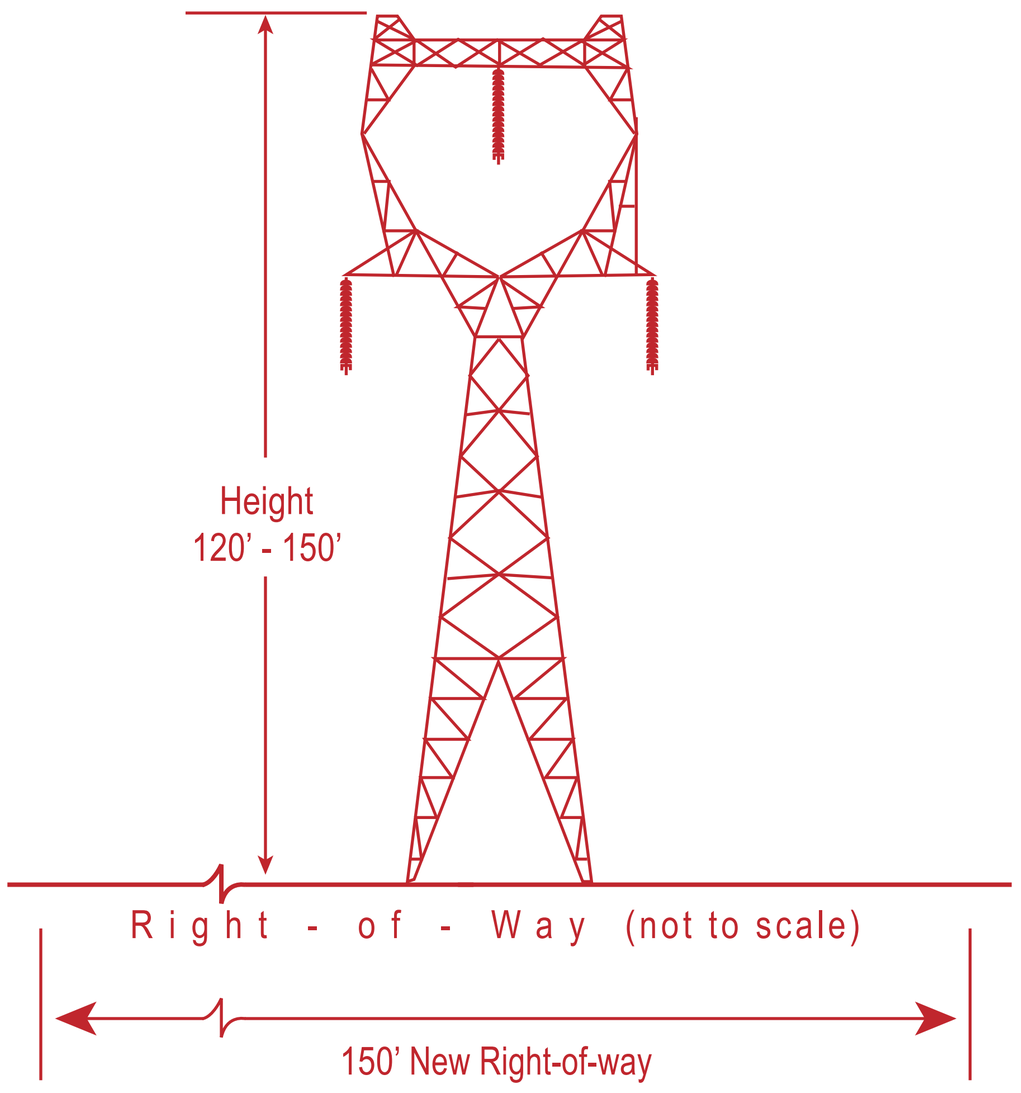
Route Segments Requiring New Right-of-Way 10, 12, 15, 18 (18/22-18/32), 23, 28, 35, 49 (49/1-49/7),52 (52/17-52/20 and 52/22-52/24), B, F, G, H, L (L/1-L/5), P, V

Central Alternative Using Central Option 1 Right-of-Way Tower Configurations

Proposed. New Single-Circuit Tower on New Right-of-Way

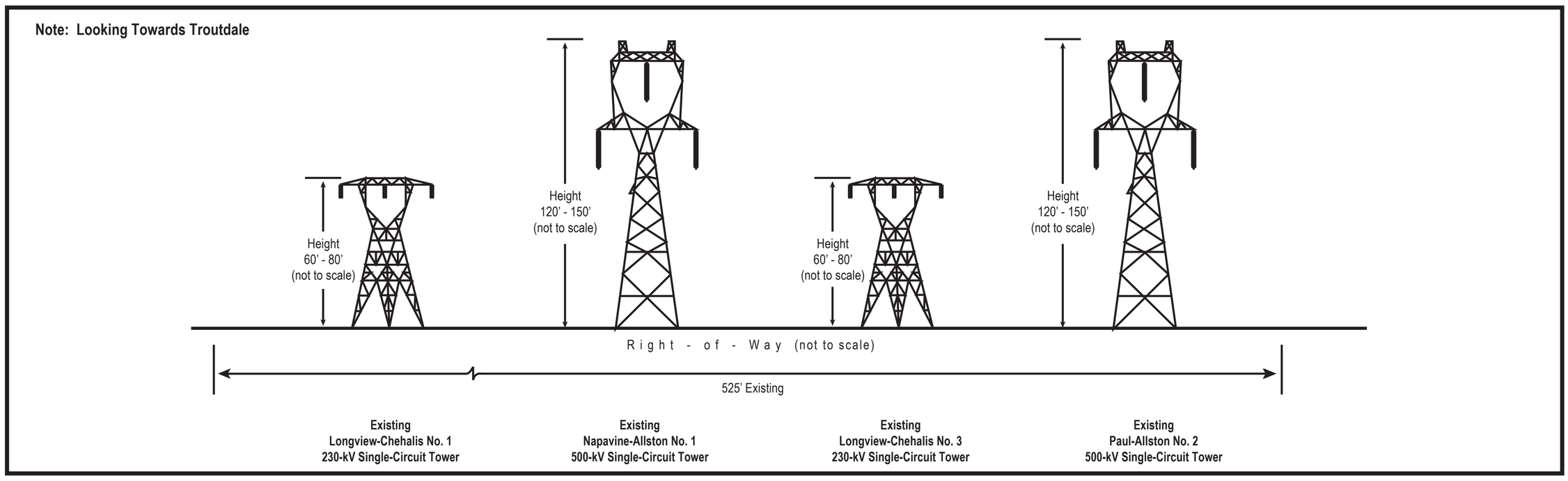


New
500-kV Single-Circuit Tower

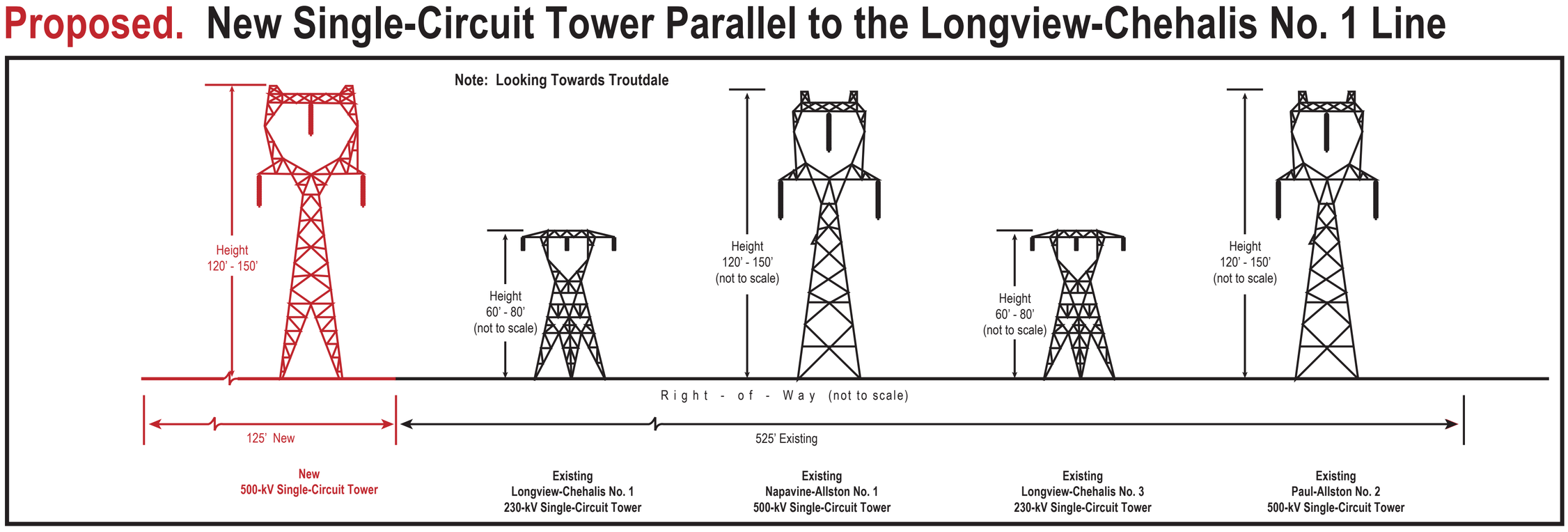
Route Segment A - Towers A/1-A/9

Central Alternative Using Central Option 1
Right-of-Way Tower Configurations

Existing. **Single-Circuit Longview-Chehalis No. 1 Line Parallel to the Napavine-Allston No. 1 Line**



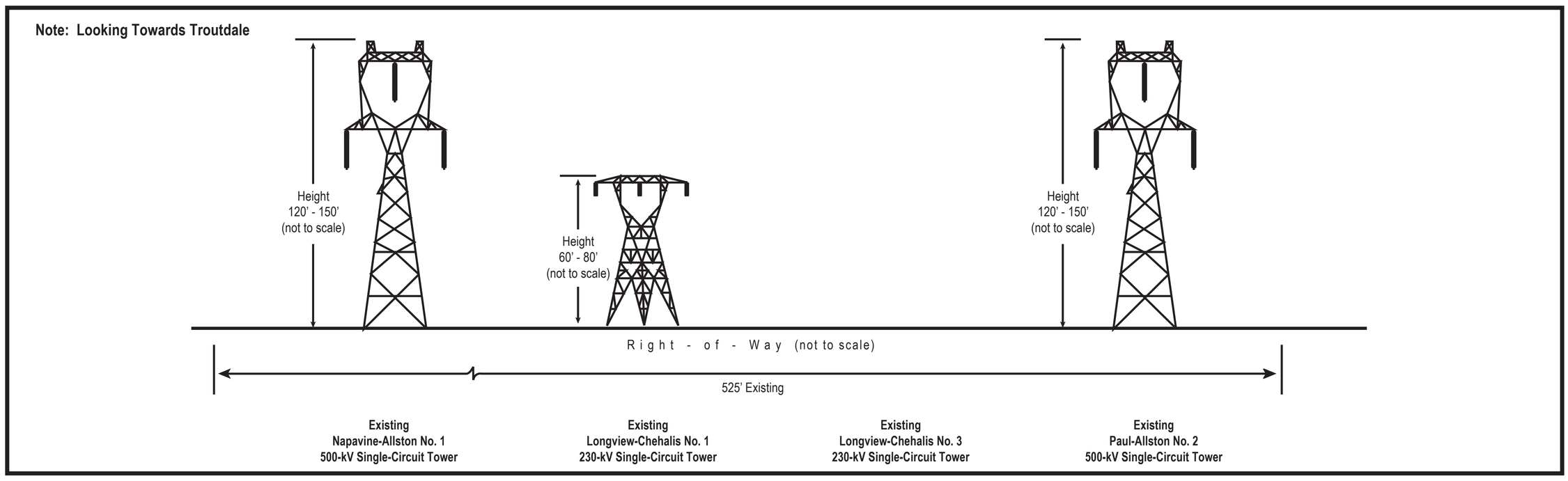
Proposed. **New Single-Circuit Tower Parallel to the Longview-Chehalis No. 1 Line**



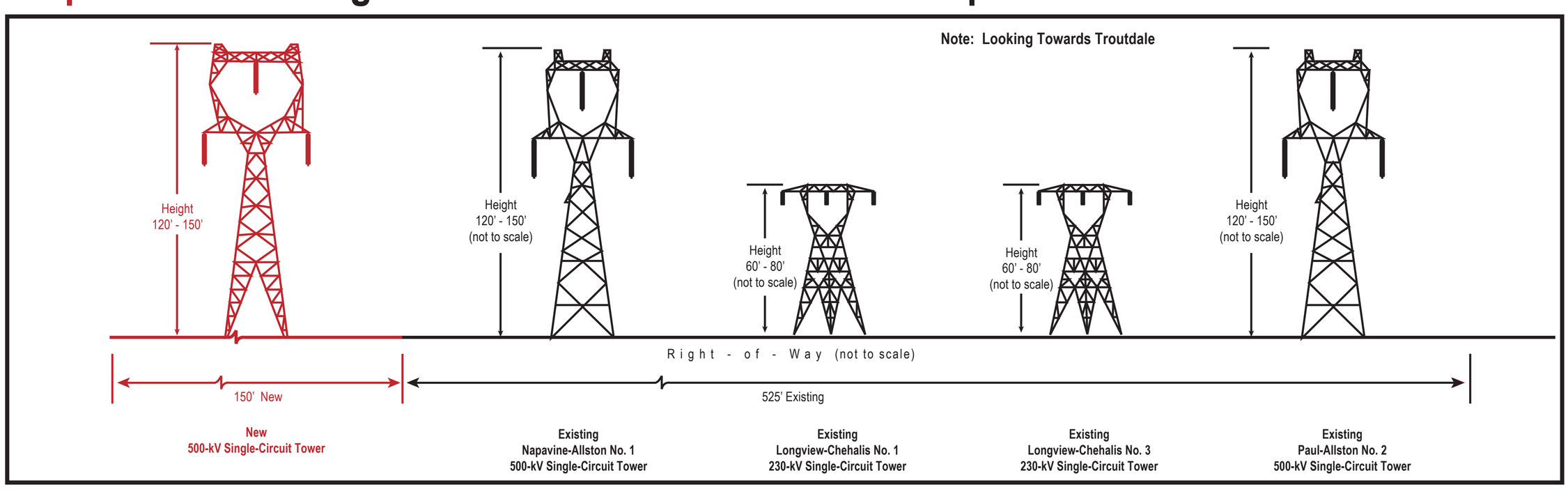
Route Segment A - Towers A/9-A/12

Central Alternative Using Central Option 1
Right-of-Way Tower Configurations

Existing. **Single-Circuit Napavine-Allston No. 1 Line Parallel to the Longview-Chehalis No. 1 Line**



Proposed. **New Single-Circuit Tower Parallel to the Napavine-Allston No. 1 Line**

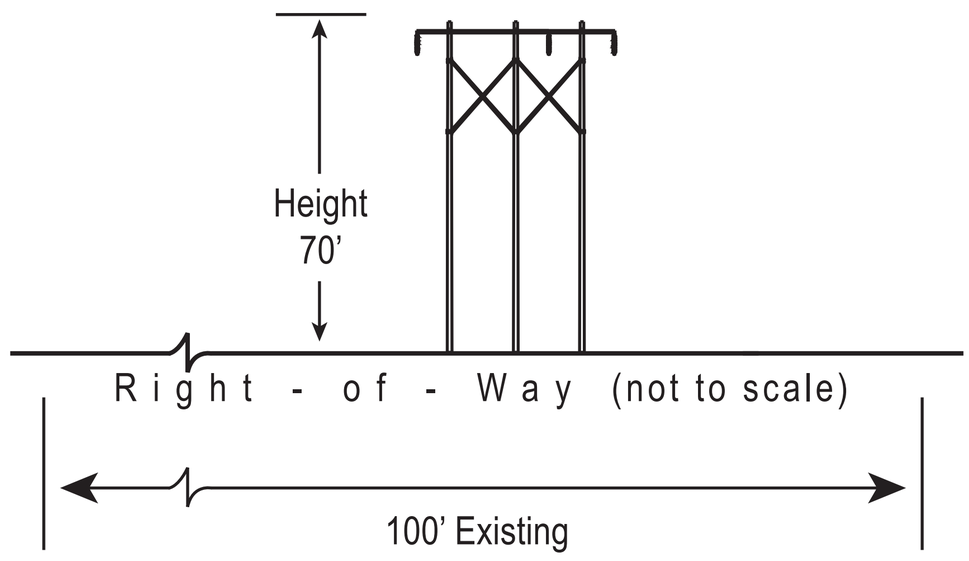


Route Segment L - Towers L/5-L/9

Central Alternative Using Central Option 1
Right-of-Way Tower Configurations

Existing. Single-Circuit Structure PacifiCorp 115-kV Line

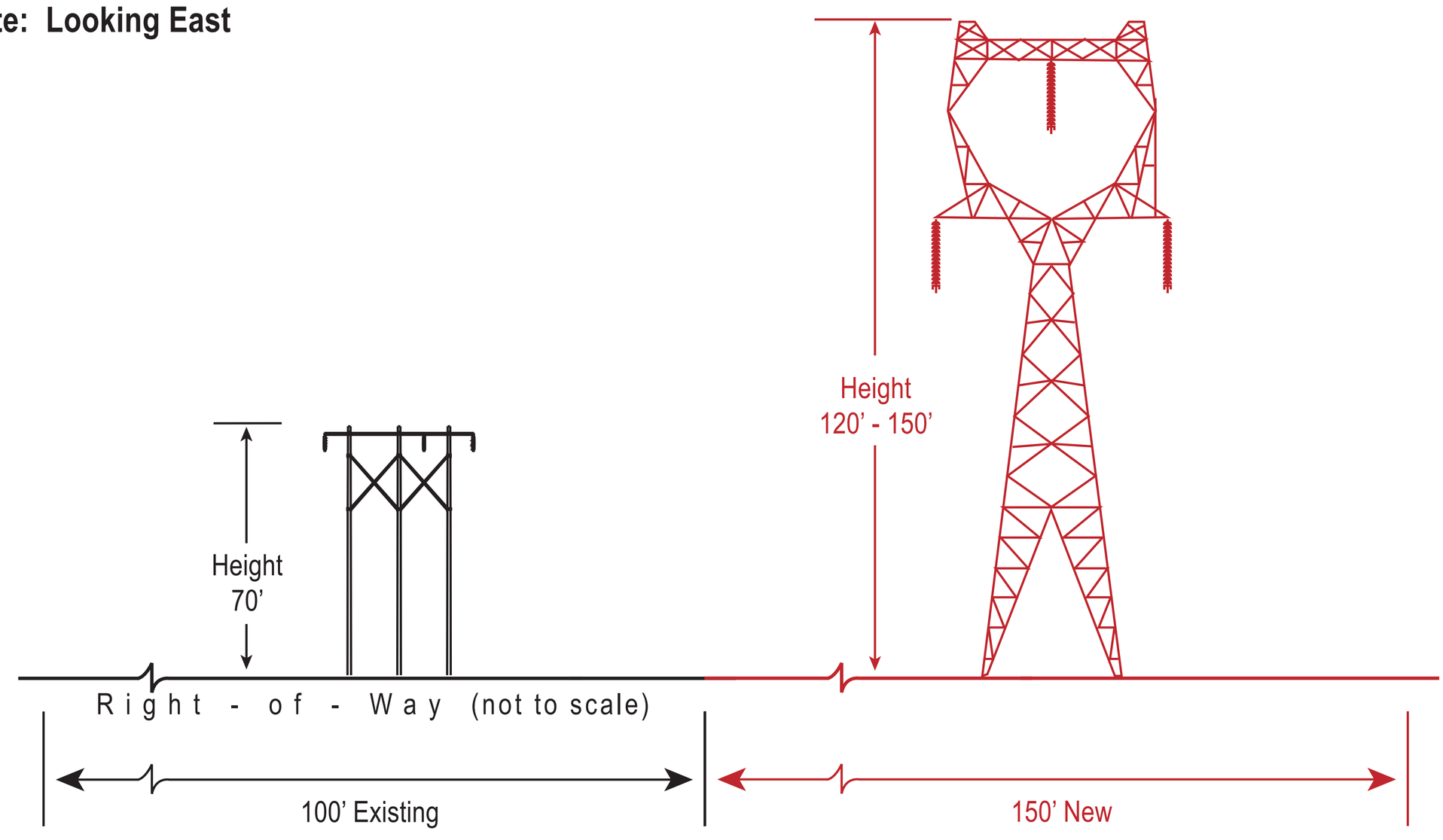
Note: Looking East



Existing
PacifiCorp
115-kV Single-Circuit Structure

Proposed. New Single-Circuit Tower Parallel to the PacifiCorp 115-kV Line

Note: Looking East



Existing
PacifiCorp
115-kV Single-Circuit Structure

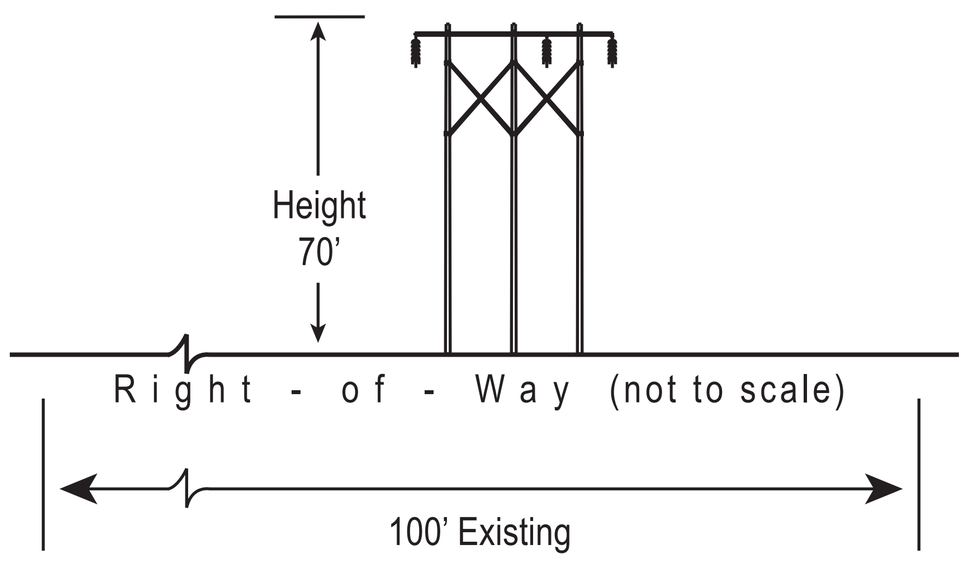
New
500-kV Single-Circuit Tower

Route Segment 18 - Towers 18/1-18/22

Central Alternative Using Central Option 1
Right-of-Way Tower Configurations

Existing. Single-Circuit Structure PacifiCorp 115-kV Line

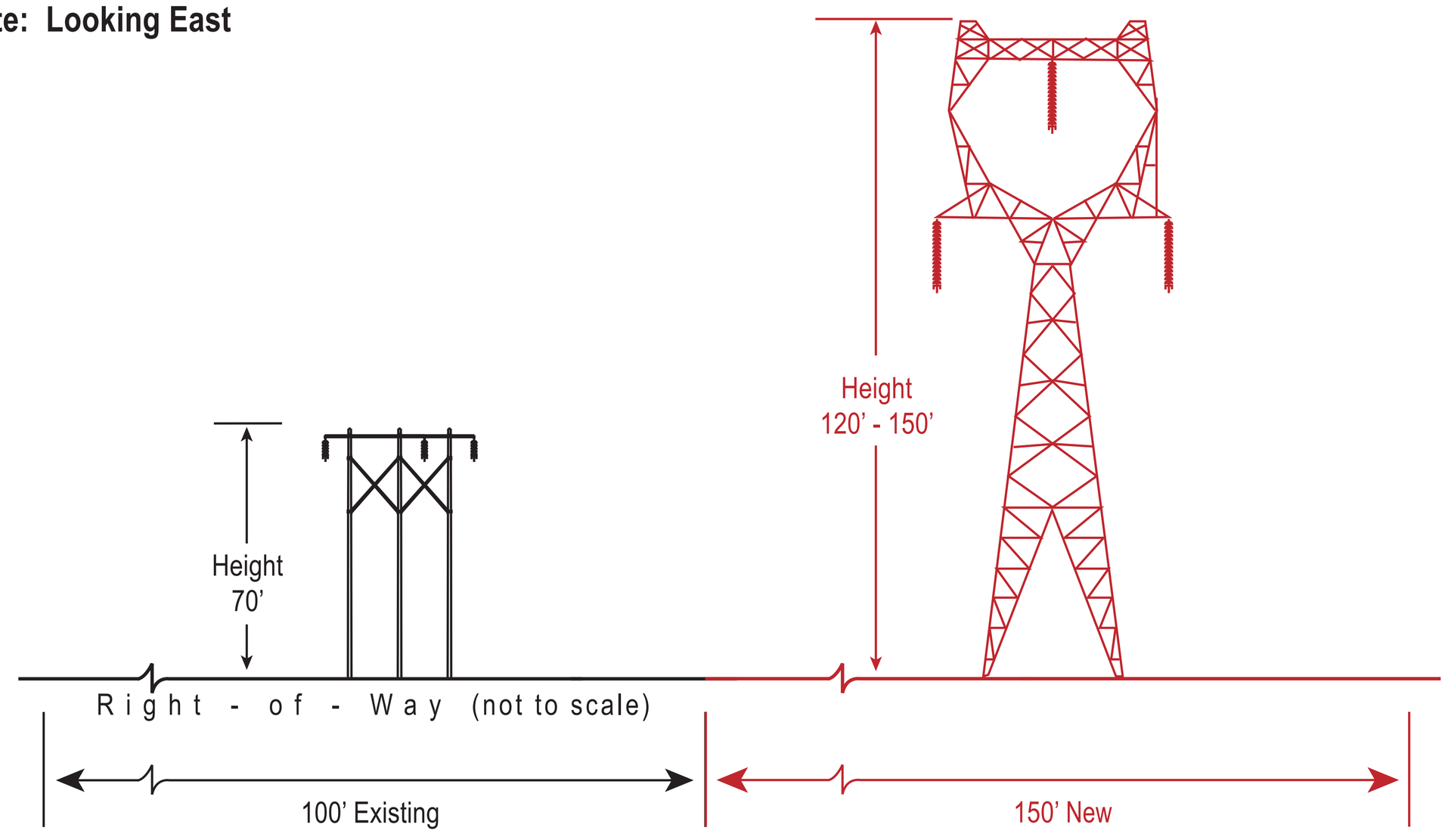
Note: Looking East



Existing
PacifiCorp
115-kV Single-Circuit Structure

Proposed. New Single-Circuit Tower Parallel to the PacifiCorp 115-kV Line

Note: Looking East



Existing
PacifiCorp
115-kV Single-Circuit Structure

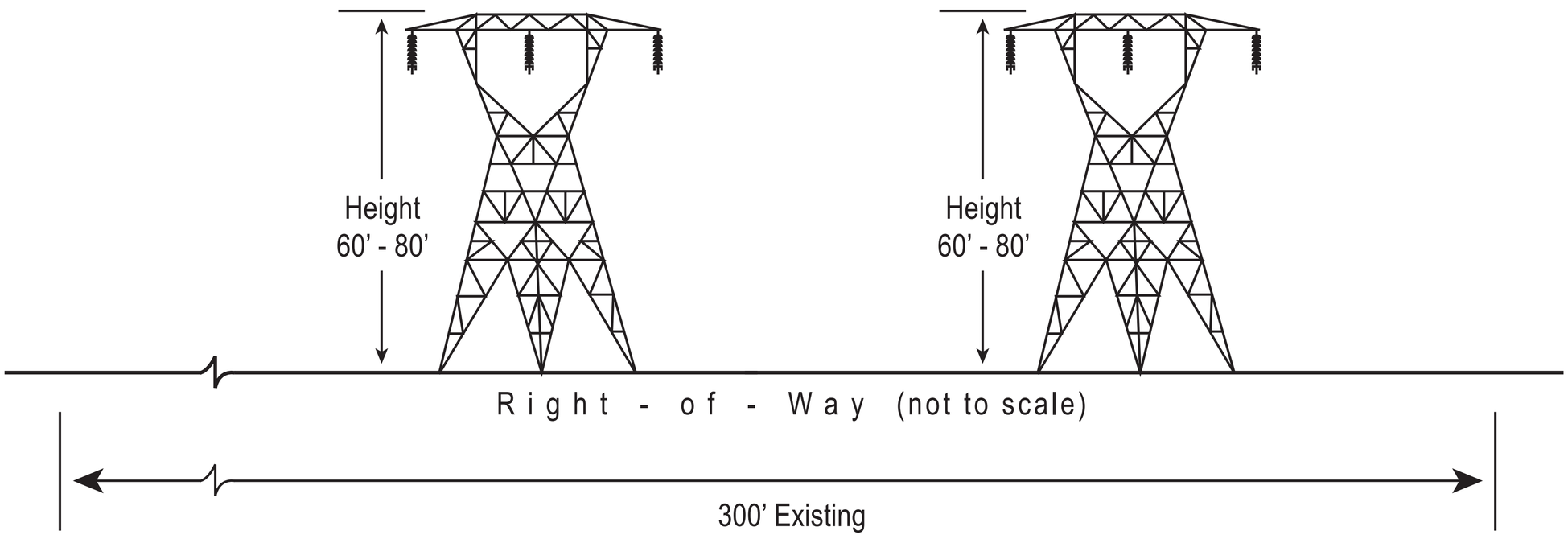
New
500-kV Single-Circuit Tower

Route Segment 49 - Towers 49/7-49/10

Central Alternative Using Central Option 1
Right-of-Way Tower Configurations

Existing. Single-Circuit North Bonneville-Troutdale No. 1 Line Parallel to the North Bonneville-Troutdale No. 2 Line

Note: Looking West

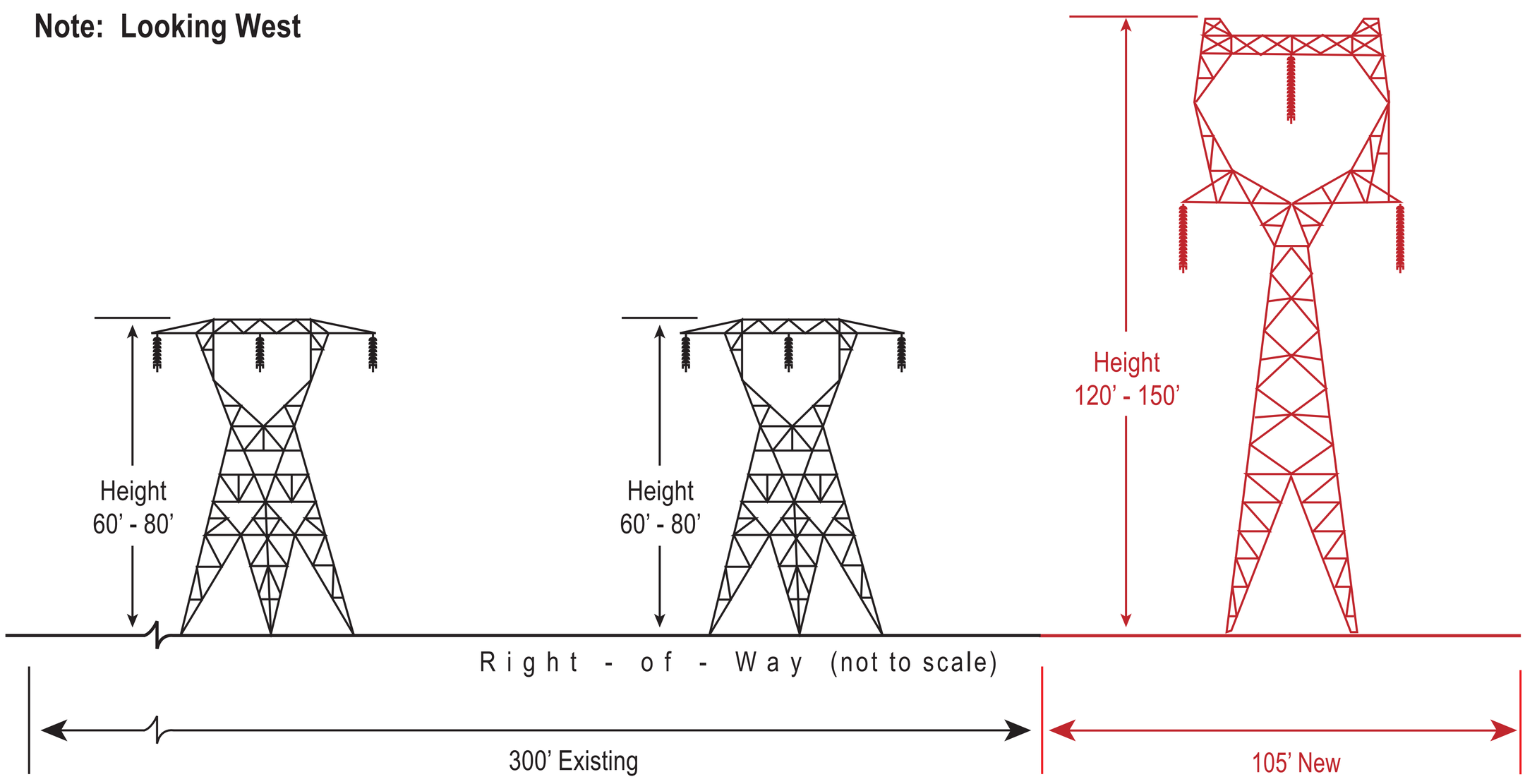


Existing
North Bonneville-Troutdale No. 1
230-kV Single-Circuit Tower

Existing
North Bonneville-Troutdale No. 2
230-kV Single-Circuit Tower

Proposed. New Single-Circuit Tower Parallel to the North Bonneville-Troutdale No. 2 Line

Note: Looking West



Existing
North Bonneville-Troutdale No. 1
230-kV Single-Circuit Tower

Existing
North Bonneville-Troutdale No. 2
230-kV Single-Circuit Tower

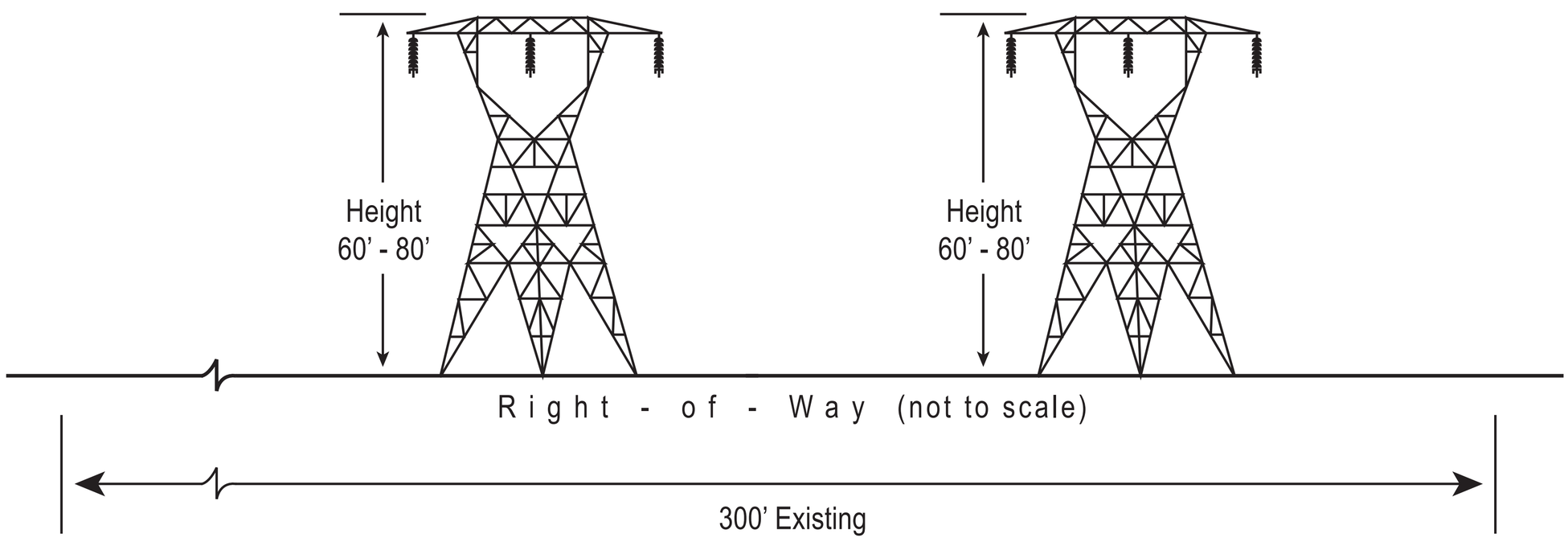
New
500-kV Single-Circuit Tower

Route Segment 49 - Towers 49/10-49/15

Central Alternative Using Central Option 1
Right-of-Way Tower Configurations

Existing. Single-Circuit North Bonneville-Troutdale No. 1 Line Parallel to the North Bonneville-Troutdale No. 2 Line

Note: Looking West

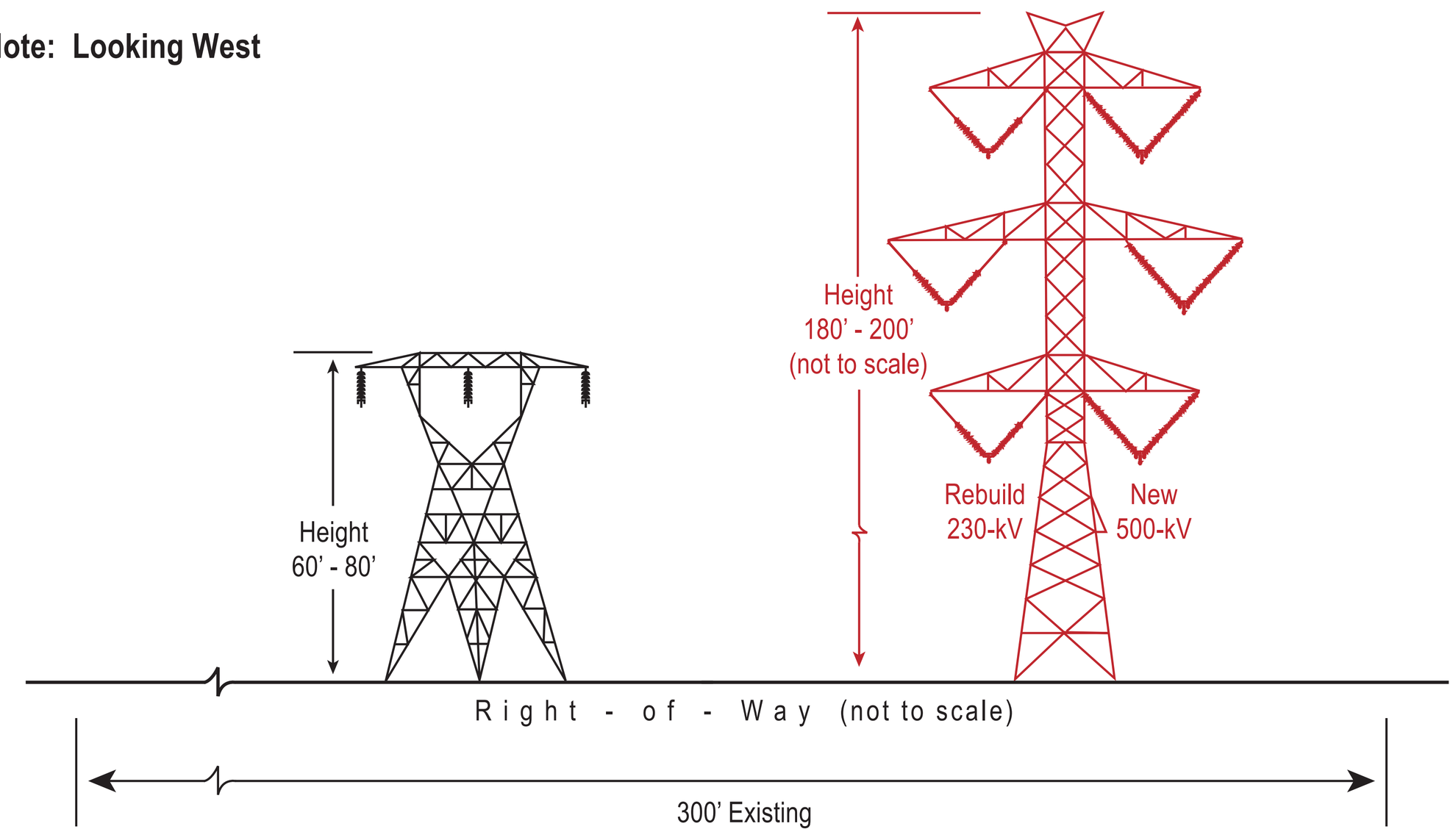


Existing
North Bonneville-Troutdale No. 1
230-kV Single-Circuit Tower

Existing
North Bonneville-Troutdale No. 2
230-kV Single-Circuit Tower

Proposed. Rebuild New Double-Circuit Tower Parallel to the North Bonneville-Troutdale No. 1 Line

Note: Looking West



Existing
North Bonneville-Troutdale No. 1
230-kV Single-Circuit Tower

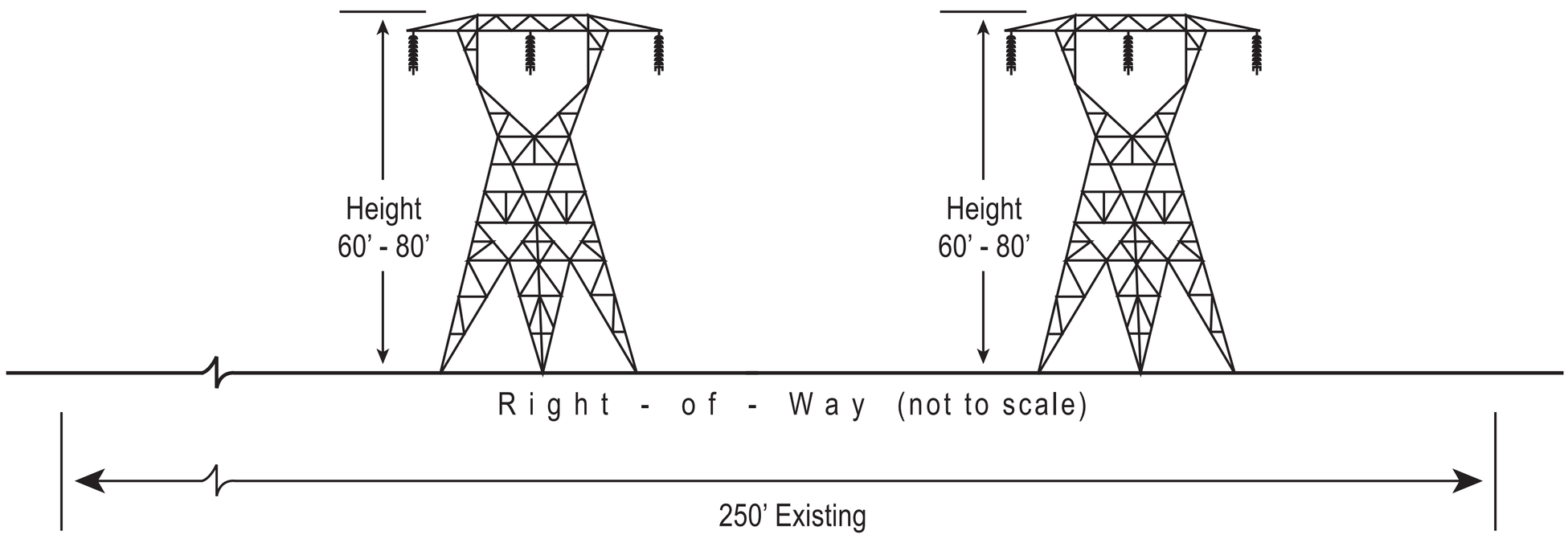
Rebuild
North Bonneville-Troutdale No. 2/
New 500-kV Double-Circuit Tower

Route Segment 51 - Towers 51/1-51/11

Central Alternative Using Central Option 1
Right-of-Way Tower Configurations

Existing. Single-Circuit North Bonneville-Troutdale No. 1 Line Parallel to the North Bonneville-Troutdale No. 2 Line

Note: Looking Towards Troutdale

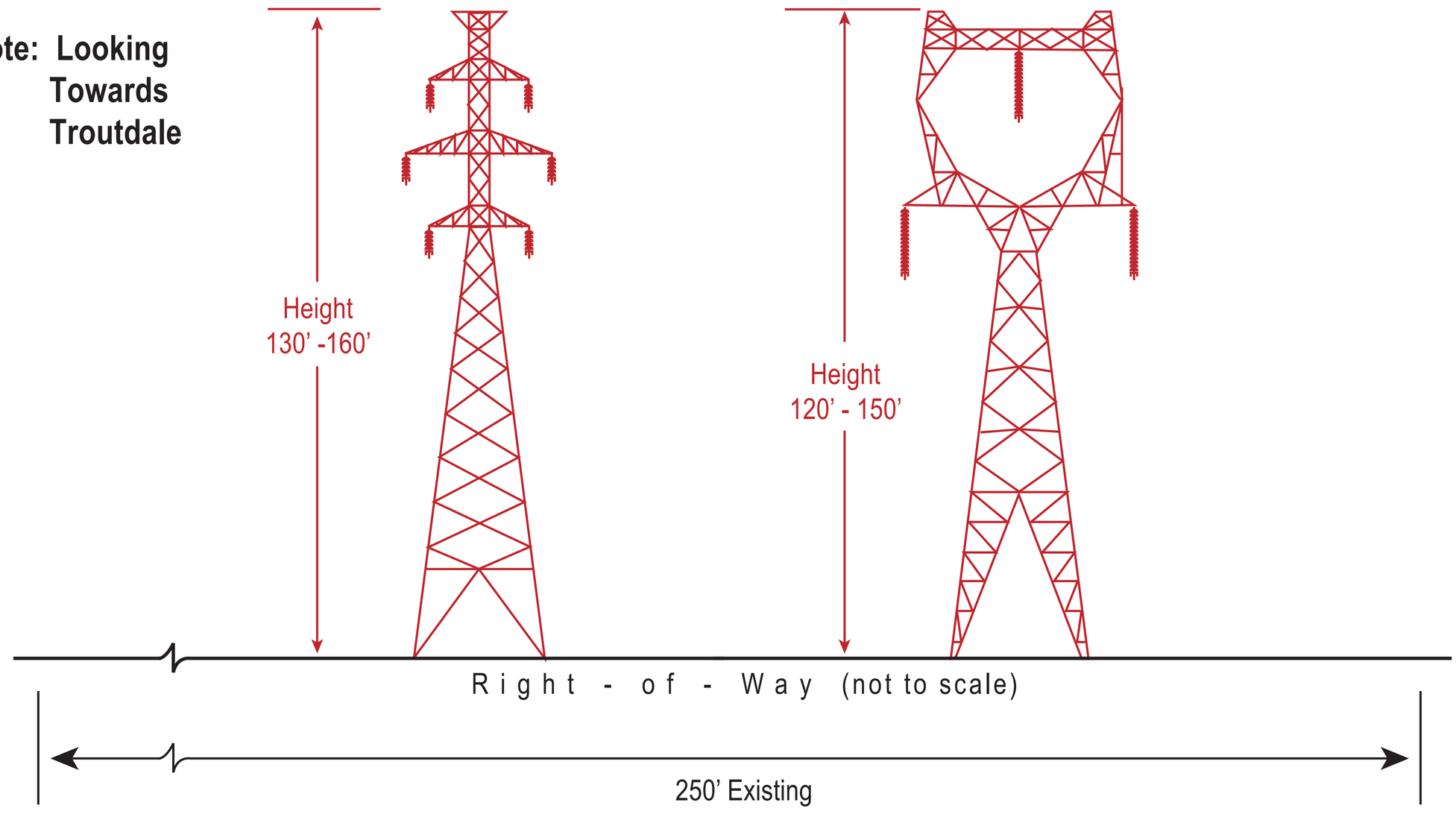


Existing
North Bonneville-Troutdale No. 1
230-kV Single-Circuit Tower

Existing
North Bonneville-Troutdale No. 2
230-kV Single-Circuit Tower

Proposed. New Single-Circuit Tower Parallel to the Rebuilt North Bonneville-Troutdale No. 1 Line / North Bonneville-Troutdale No. 2 Line

Note: Looking Towards Troutdale



Rebuild
North Bonneville-Troutdale No. 1 /
North Bonneville-Troutdale No. 2
230-kV Double-Circuit Tower

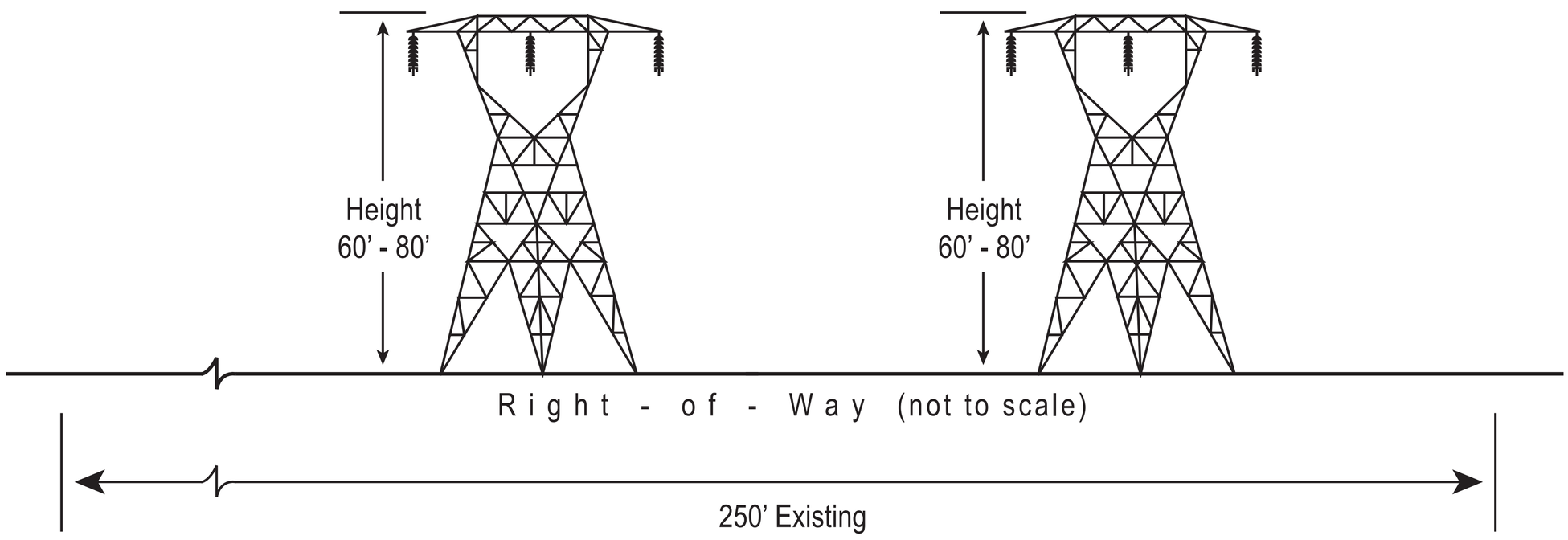
New
500-kV Single-Circuit Tower

Route Segment 52 - Towers 52/1-52/2, Towers 52/9-52/17

Central Alternative Using Central Option 1
Right-of-Way Tower Configurations

Existing. Single-Circuit North Bonneville-Troutdale No. 1 Line Parallel to the North Bonneville-Troutdale No. 2 Line

Note: Looking Towards Troutdale

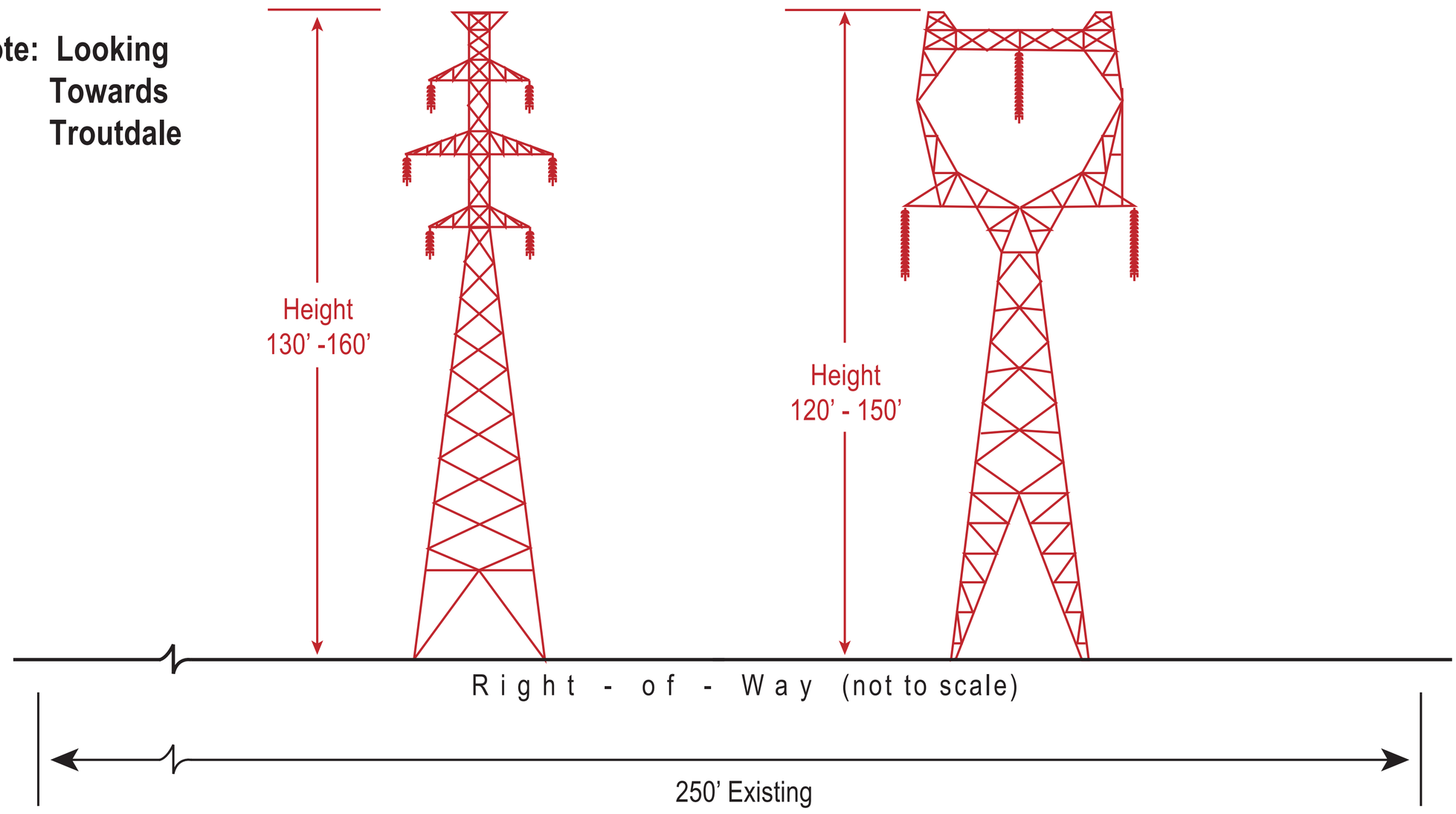


Existing
North Bonneville-Troutdale No. 1
230-kV Single-Circuit Tower

Existing
North Bonneville-Troutdale No. 2
230-kV Single-Circuit Tower

Proposed. New Single-Circuit Tower Parallel to the Rebuilt North Bonneville-Troutdale No. 1 Line North Bonneville-Troutdale No. 2 Line

Note: Looking Towards Troutdale



Rebuild
North Bonneville-Troutdale No. 1 /
North Bonneville-Troutdale No. 2
230-kV Double-Circuit Tower

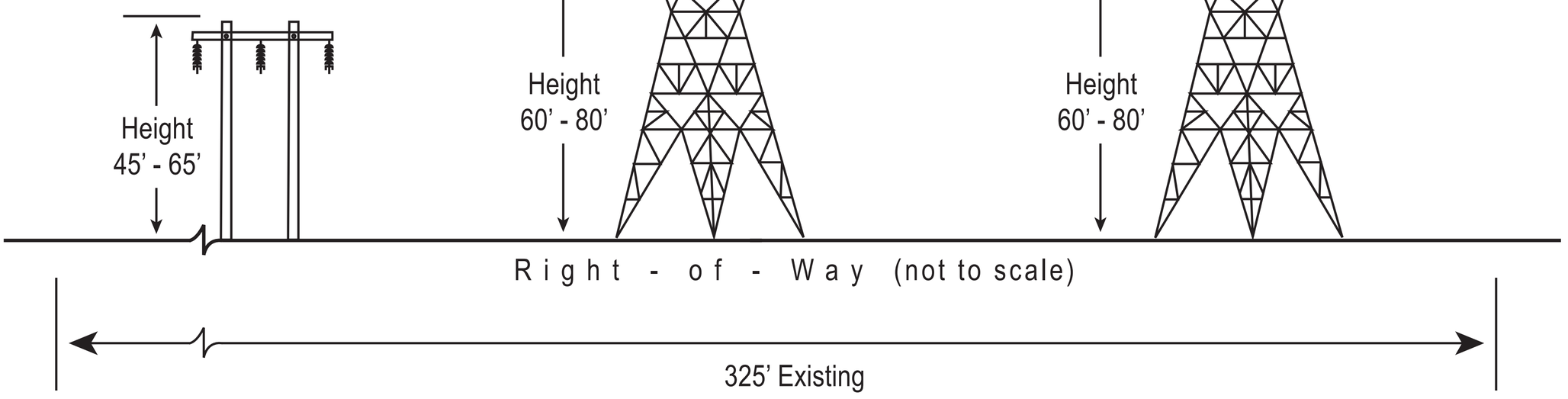
New
500-kV Single-Circuit Tower

Route Segment 52 - Towers 52/2-52/9

Central Alternative Using Central Option 1
Right-of-Way Tower Configurations

Existing. Single-Circuit North Bonneville-Troutdale No. 1 Line Parallel to the North Bonneville-Troutdale No. 2 Line

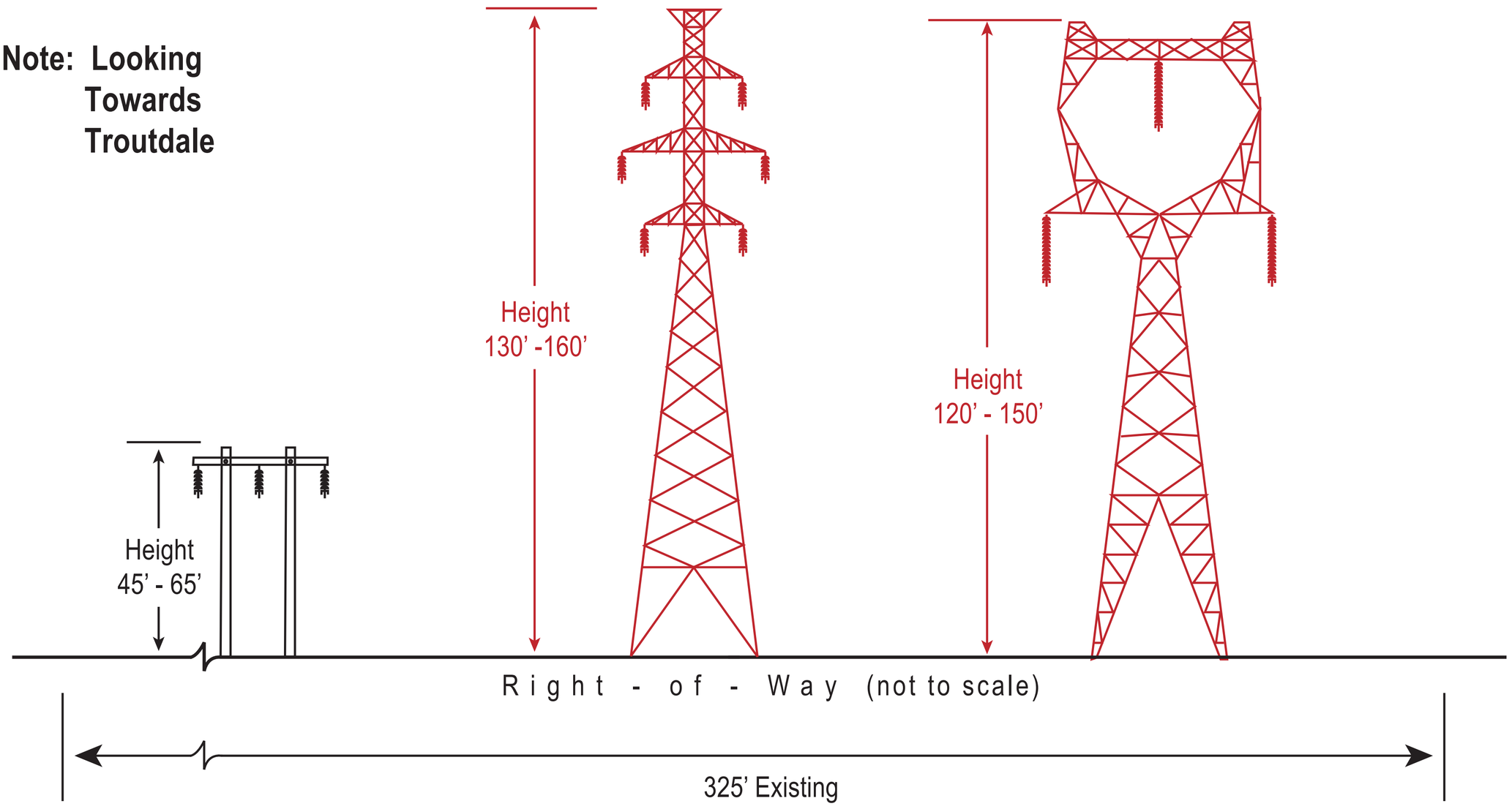
Note: Looking Towards Troutdale



Existing	Existing	Existing
North Camas-Oak Park	North Bonneville-Troutdale No. 1	North Bonneville-Troutdale No. 2
115-kV Single-Circuit Structure	230-kV Single-Circuit Tower	230-kV Single-Circuit Tower

Proposed. New Single-Circuit Tower Parallel to the Rebuilt North Bonneville-Troutdale Nos. 1 and 2 Lines

Note: Looking Towards Troutdale

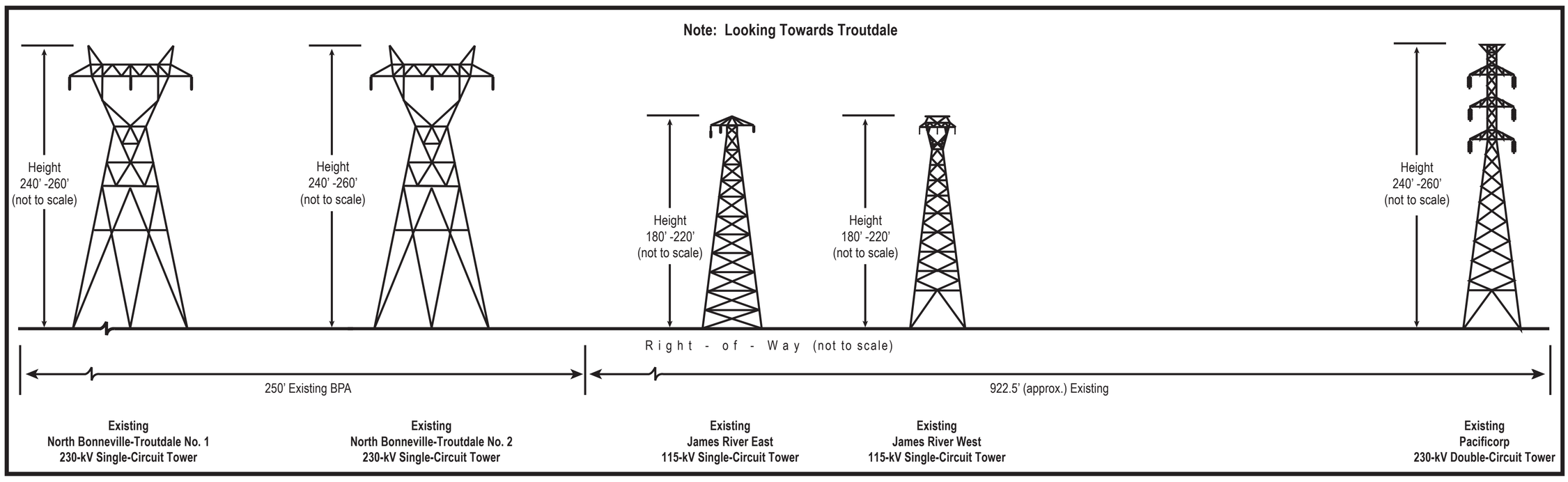
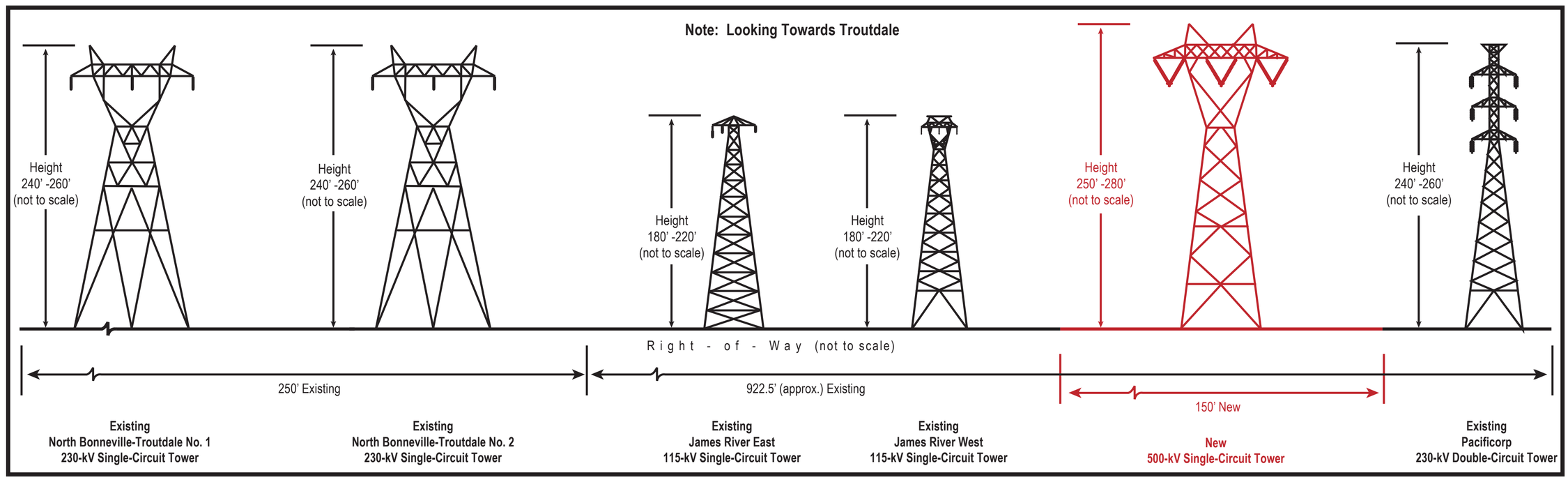


Existing	Rebuild	New
North Camas-Oak Park	North Bonneville-Troutdale No. 1 /	500-kV Single-Circuit Tower
115-kV Single-Circuit Structure	North Bonneville-Troutdale No. 2	
	230-kV Double-Circuit Tower	

Route Segment 52 - Towers 52/20-52/22

Central Alternative Using Central Option 1
Right-of-Way Tower Configurations

Existing. **Single-Circuit North Bonneville-Troutdale No. 1 Line Parallel to the North Bonneville-Troutdale No. 2 Line**



Proposed. **New Single-Circuit Tower Parallel Between Two Non-BPA Lines Across the Columbia River**