

Summary of High Sensitivities for All Route Combinations between Pana and Kansas within the 500-Foot Analysis Corridor

Route Segment ²	Cemeteries	Churches	Schools	Streams	Prime Farmland	Residential Structures ¹	Non-Residential Structures ¹	Woodlands
	(No.)	(No.)	(No.)	(No.)	(Acres)	(No.)	(No.)	(Acres)
ATXI Primary Pana to Mt Zion and ATXI Primary Mt Zion to Kansas	1	0	2	74	2,965.0	48	175	133.0
ATXI Alternative Pana to Mt Zion and ATXI Primary Mt Zion to Kansas	1	0	3	79	2,930.3	37	140	138.8
ATXI Primary Pana to Mt Zion and ATXI Alternative Mt Zion to Kansas	0	0	2	88	2,942.4	64	216	161.7
ATXI Alternative Pana to Mt Zion and ATXI Alternative Mt Zion to Kansas	0	0	3	93	2,907.7	53	181	167.5
ATXI Primary Pana to Mt Zion and MCPO Mt Zion to Kansas	0	0	2	100	2,832.7	33	107	153.5
ATXI Alternative Pana to Mt Zion and MCPO Mt Zion to Kansas	0	0	3	105	2,798.0	22	72	159.3
ATXI Primary Pana to Mt Zion and MCPO Pana to Kansas	1	0	0	114	2,870.4	37	149	329.3
ATXI Alternative Pana to Mt Zion and MCPO Pana to Kansas	1	0	1	119	2,835.7	26	114	335.1
MCPO Pana to Kansas	1	0	0	86	1,810.9	17	80	304.1

¹The number of structures identified in this column are based on 1,000-foot corridor (i.e., up to 500 feet away from the centerline of the transmission centerline)

²This analysis did not include route combinations (i.) MCPO Pana to Kansas and ATXI Primary Kansas to Mount Zion, (ii.) MCPO Pana to Kansas and ATXI Alternate Kansas to Mount Zion, or (iii.) MCPO Pana to Kansas and MCPO Kansas to Mount Zion.