

Illinois Rivers Transmission Line Project																											
Route Comparison Summary																											
Route Segment ²	Analysis Corridor Width (Feet)	Analysis Corridor Length (Miles)	Analysis Corridor Area (Acres)	Land Use ¹																							
				Barren Land		Cultivated Crops		Deciduous Forest		Developed, High Intensity		Developed, Low Intensity		Developed, Medium Intensity		Developed, Open Space		Emergent Herbaceous Wetlands		Grassland/Herbaceous		Open Water		Pasture/Hay		Woody Wetlands	
				(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)	(Acres)	(Percent)
ATXI Primary Pana to Mt Zion and ATXI Primary Mt Zion to Kansas	500	103.7	6,254.6	0.0	0.0	5,501.3	88.0	126.2	2.0	0.8	0.0	197.9	3.2	6.1	0.1	310.7	5.0	0.0	0.0	0.3	0.0	9.8	0.2	94.6	1.5	6.8	0.1
ATXI Alternative Pana to Mt Zion and ATXI Primary Mt Zion to Kansas	500	106.9	6,477.4	0.0	0.0	5,616.9	86.7	135.6	2.1	0.0	0.0	177.0	2.7	1.7	0.0	441.8	6.8	0.0	0.0	6.3	0.1	9.8	0.2	85.2	1.3	3.2	0.0
ATXI Primary Pana to Mt Zion and ATXI Alternative Mt Zion to Kansas	500	101.8	6,139.7	0.0	0.0	5,290.4	86.2	150.5	2.5	0.8	0.0	224.1	3.7	8.0	0.1	357.9	5.8	0.0	0.0	3.4	0.1	4.6	0.1	88.7	1.4	11.2	0.2
ATXI Alternative Pana to Mt Zion and ATXI Alternative Mt Zion to Kansas	500	105.0	6,362.5	0.0	0.0	5,406.0	85.0	159.9	2.5	0.0	0.0	203.2	3.2	3.6	0.1	489.0	7.7	0.0	0.0	9.4	0.1	4.6	0.1	79.3	1.2	7.6	0.1
ATXI Primary Pana to Mt Zion and MCPO Mt Zion to Kansas	500	104.6	6,309.8	0.0	0.0	5,728.8	90.8	145.1	2.3	0.8	0.0	112.2	1.8	5.5	0.1	204.6	3.2	0.0	0.0	13.4	0.2	1.3	0.0	87.3	1.4	8.5	0.1
ATXI Alternative Pana to Mt Zion and MCPO Mt Zion to Kansas	500	107.8	6,532.6	0.0	0.0	5,844.4	89.5	154.5	2.4	0.0	0.0	91.3	1.4	1.1	0.0	335.7	5.1	0.0	0.0	19.4	0.3	1.3	0.0	77.9	1.2	4.9	0.1
ATXI Primary Pana to Mt Zion and MCPO Pana to Kansas	500	111.8	6,740.7	0.0	0.0	5,758.2	85.4	305.3	4.5	0.8	0.0	126.9	1.9	5.5	0.1	299.7	4.4	0.0	0.0	0.0	0.0	4.6	0.1	216.4	3.2	24.0	0.4
ATXI Alternative Pana to Mt Zion and MCPO Pana to Kansas	500	115.0	6,963.5	0.0	0.0	5,873.8	84.4	314.7	4.5	0.0	0.0	106.0	1.5	1.1	0.0	430.8	6.2	0.0	0.0	6.0	0.1	4.6	0.1	207.0	3.0	20.4	0.3
MCPO Pana to Kansas	500	76.4	4,628.4	0.0	0.0	3,843.8	83.0	283.7	6.1	0.0	0.0	77.7	1.7	1.1	0.0	213.8	4.6	0.0	0.0	0.0	0.0	4.6	0.1	181.1	3.9	20.4	0.4

¹National Land Cover Data - 2001

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.

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Route Comparison Summary								
PROXIMITY TO EXISTING RESIDENTIAL AND NON-RESIDENTIAL STRUCTURES								
Route Segment ⁴	Residential Structure Type ³				Non Residential Structure Type ³			
	Categorical Disitance from Anticipated Alignment (feet)							
	0-75	75-150	150-300	300-500	0-75	75-150	150-300	300-500
ATXI Primary Pana to Mt Zion and ATXI Primary Mt Zion to Kansas	0	13	14	21	1	24	64	86
ATXI Alternative Pana to Mt Zion and ATXI Primary Mt Zion to Kansas	0	14	8	15	1	23	56	60
ATXI Primary Pana to Mt Zion and ATXI Alternate Mt Zion to Kansas	0	18	23	23	6	27	83	100
ATXI Alternative Pana to Mt Zion and ATXI Alternative Mt Zion to Kansas	0	19	17	17	6	26	75	74
ATXI Primary Pana to Mt Zion and MCPO Mt Zion to Kansas	0	2	15	16	1	7	33	66
ATXI Alternative Pana to Mt Zion and MCPO Mt Zion to Kansas	0	3	9	10	1	6	25	40
ATXI Primary Pana to Mt Zion and MCPO Pana to Kansas ¹	0 ²	4	11	22	1	19	49	80
ATXI Alternative Pana to Mt Zion and MCPO Pana to Kansas ¹	0 ²	5	5	16	1	18	41	54
MCPO Pana to Kansas ¹	0 ²	3	1	13	0	14	26	40

¹From 2,225 feet north of the intersection of E. County Road 1100 N and County Road 300E in Coles County to the proposed Kansas Transformer, ATXI's structure tabulation was used, this data was not verified for accuracy

²Two abandoned structures were observed; however due to their dilapidated state and lack of access road, they were not included in this tabulation

³Structure types were identified based on aerial interpretation and field reconnaissance

⁴This 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.