

Illinois Rivers Transmission Line Project																											
Environmental Assessment Summary																											
Portion of Project	Analysis Corridor Width (Feet)	Analysis Corridor Length (Miles)	Analysis Corridor Area (Acres)	Land Use <sup>1</sup>																							
				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)
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
MCPO Mt Zion to Kansas	500	69.2	4,192.7	0	0.0	3,812.7	90.9	123.5	2.9	0.0	0.0	63.0	1.5	1.1	0.0	118.7	2.8	0.0	0.0	13.4	0.3	1.3	0.0	52.0	1.2	4.9	0.1

<sup>1</sup>National Land Cover Data - 2001

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Portion of Project	Analysis Corridor Width (Feet)	Analysis Corridor Length (Miles)	Analysis Corridor Area (Acres)	MISCELLANEOUS FEATURES, ARCHAEOLOGICAL SITES, HYDRIC AND PRIME FARMLAND																																							
				Airports (No.)	VOR <sup>1</sup> (No.)	IL Drop Zone Locations (No.)	Antenna (No.)	Cemetery (No.)	Church (No.)	Hospital (No.)	Nursing Home (No.)	Schools (No.)	Golf Courses (No.)	Center Pivots (No.)	IL Aggregate Pit (No.)	Local Parks from ESRI			Sink Holes			IL Superfund Sites (No.)	IL Coal Mine Points (No.)	IL Coal Mine Polygons (No.)	IL Gas Well (No.)	IL Oil Wells (No.)	IL Water Wells (No.)	IL Fault Lines (No.)	IL/Foreign Gas Distribution Lines (No.)	National Register Historic Places (No.)	Known Historic Structures (No.)	Known Archaeological Sites			Archaeological Historic			Scenic Byways		Hydric Soils		Prime Farmland	
																(No.)	(Acres)	(Percent)	(No.)	(Acres)	(Percent)											(No.)	(Acres)	(Percent)	(No.)	(Acres)	(Percent)	(No.)	(Acres)	(Percent)	(No.)	(Acres)	(Percent)
MCPD Pana to Kansas	500	76.4	4,628.4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.0	0.0	0	0.0	0.0	0	0	4	0	0	3	0	20	0	0	2	0.1	0.0	0	0.0	0.0	0	1,769.8	38.2	1,810.9	39.1
MCPD Mt Zion to Kansas	500	69.2	4,192.7	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2.47	0.1	0	0	0	0	0	0	0	1	9	0	17	0	0	4	3.6	0.1	0	0.0	0.0	0	2,058.3	49.1	1,772.2	42.3

<sup>1</sup>A VOR (Very high frequency Omni-directional Range) facility is an air navigation aid



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PROXIMITY TO EXISTING RESIDENTIAL AND NON-RESIDENTIAL STRUCTURES								
Portion of Project	Residential Structure Type <sup>3</sup>				Non Residential Structure Type <sup>3</sup>			
	Categorical Distance from Anticipated Alignment (feet)							
	0-75	75-150	150-300	300-500	0-75	75-150	150-300	300-500
MCPO Pana to Kansas <sup>1</sup>	0 <sup>2</sup>	3	1	13	0	14	26	40
MCPO Mt Zion to Kansas	0	1	5	7	0	2	10	26

<sup>1</sup>From 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

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

<sup>3</sup>Structure types were identified based on aerial interpretation and field reconnaissance