Table ES-2. Summary of New Disturbance

SEGMENT DESCRIPTION			MILES					NEW RIGHT OF WAY REQUIREMENTS (in acres)		DISTURBANCE BY FACILITY/ACTIVITY											
										New Structures[b]			Access Roads[c]			Pulling Sites[d]		Material Storage[e]		Total Short-Term Acres	Total Long-Term Acres
	New Construction	Reconductor	Abandon	New Construction	Reconductor	Abandon	Total Miles	New[a] Construction Short-term Acres	Reconductor Short-Term Acres	Number	Short-Term Acres	Long-Term Acres	Miles	Short-Term Acres	Long-Term Acres	Number	Short-Term Acres	Number	Short-Term Acres		
A		A			22.4		22.4		0	32	7.4	0	0			10	4	1	5	16.4	0
A_1	A_1[f]			22.4			22.4	339.8		126	29	12.6	23	41.8	41.8	10	4	1	5	419.6	54.4
B		B			4.2		4.2		0	4	0.9	0	0			2	0.8	0	0	1.7	0
B	B			4.2			4.2	0		16	3.7	0	0			2	0.8	0	0	4.5	0
C		C			11.2		11.2		0	20	4.6	0	0			5	2	0	0	6.6	0
D		D			15.2		15.2		0	30	6.9	0	0			11	4.4	1	5	16.3	0
E		E			46.2		46.2		0	113	26	0	0			19	7.6	2	10	43.6	0
E_1	E_1			46.2			46.2	700.3		225	51.8	22.5	47	85.5	85.5	19	7.6	2	10	855.2	108
F			F			1.4	1.4			0	0	0	0			0	0	0	0	0	0
G	G[f]			5.0			5	74.7		25	5.8	2.5	5	9.1	9.1	2	0.8	0	0	90.4	11.6
H			H			2.2	2.2			0	0	0	0			0	0	0	0	0	0
Proposed Action[g]				31.6	72.6	3.6	107.8	414.5	0	330	76.0	15.1	28.0	50.9	50.9	49.0	19.6	4	20.0	581	66
Alternative 1[h]				0	99.2	0	99.2	0	0	199	45.8	0	0	0	0	47	18.8	4	20	85	0
Alternative 2[i]				31.6	0.0	3.6	35.2	414.5	0	167	38.5	15.1	28.0	50.9	50.9	14.0	5.6	1	5.0	515	66
Alternative 3[j]				46.2	0	0	46.2	700.3	0	225	51.8	22.5	47	85.5	85.5	19	7.6	2	10	855	108
No Action				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Original October 2002 (based on best available data)

[a] New Construction right-of-way (ROW) – 125 feet wide

[b] Structures – Self-supporting, lattice steel assumption (maximum disturbance per structure: temporary 0.23 acres [100 feet by 100 feet]. Long-term 0.1 acres [66 feet by 66 feet] (Slightly less long-term disturbance for single-pole steel). Assumption: For reconductoring, number of proposed structures assumes 25% of the existing structures proposed for replacement (Segment E has 2 sets of single-circuit lines in certain locations)

[c] Access Roads – 15 feet wide. Assumption: Segments A, B, C, D, E, F, and H contain existing access roads.

[d] Pulling Sites – 0.4 acre (125 feet by 125 feet) per site

[e] Material Storage Yards – 5.0 acres (400 feet by 540 feet) per yard

[f] Realignments would include 2.8 miles of Segment A_1 and all 5 miles of Segment G.

[g] Proposed Action includes Segments A_1, B, C, D, E, F, G, and H

[h] Alternative 1 includes Segments A, B, C, D, and E

[i] Alternative 2 includes Segments A_1, B, F, G, H

[j] Alternative 3 includes Segment E_1