



Control Number: 37464



Item Number: 735

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Teri L. Smart
Director
Regulatory Support
& Compliance

Oncor Electric Delivery
1601 Bryan Street
Dallas, Texas 75201

January 29, 2010

Mr. James Galloway
Filing Clerk
Public Utility Commission of Texas
1701 N Congress
P.O. Box 13326
Austin, Texas 78711-3326

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PUBLIC UTILITY COMMISSION
FILING CLERK

Re: SOAH Docket No. 473-10-0710; PUCT Docket No. 37464 - APPLICATION OF ONCOR ELECTRIC DELIVERY COMPANY TO AMEND ITS CERTIFICATE OF CONVENIENCE AND NECESSITY (CCN) FOR THE BROWN-NEWTON 345-KV CREZ TRANSMISSION LINE IN BROWN, MILLS, LAMPASAS, MCCULLOCH, AND SAN SABA COUNTIES, TEXAS

Dear Mr. Galloway,

Due to a scanning error, it appears the scanned copy of Oncor's original Application filed on October 7, 2009 (Item No. 5) is incomplete.

Attached are the three pages (Appendix C, Table 7-1 C-8, C-9 and C-10) that were inadvertently omitted.

We apologize for any inconvenience this may have caused. If you have any questions, please contact me at 214-486-2323.

Sincerely,

Enclosure

Table 7-1
ENVIRONMENTAL DATA FOR THE ALTERNATIVE ROUTE EVALUATION
OF THE BROWN - NEWTON
345 kV TRANSMISSION LINE PROJECT

	ROUTE 106	ROUTE 107	ROUTE 108	ROUTE 109	ROUTE 110	ROUTE 111	ROUTE 112	ROUTE 113	ROUTE 114	ROUTE 115	ROUTE 116	ROUTE 117	ROUTE 118	ROUTE 119	ROUTE 120
1. Length of alternative route	479,324	511,013	509,807	512,680	511,474	502,244	501,038	503,911	502,705	500,383	499,177	502,050	500,844	501,438	500,232
2. Length of route parallel and adjacent to existing transmission lines	148,567	191,133	227,590	185,500	221,957	202,374	238,831	196,741	233,188	253,356	289,813	247,723	284,180	195,206	231,663
3. Length of route parallel and adjacent to existing public roads/highways	179,198	113,123	116,257	113,123	116,257	90,004	93,138	90,004	93,138	91,312	94,446	91,312	94,446	119,888	123,022
4. Length of route parallel and adjacent to existing pipelines	50,915	2,277	2,277	2,277	2,277	2,277	2,277	2,277	2,277	2,277	2,277	2,277	2,277	2,277	2,277
5. Length of route parallel and adjacent to existing railroads	10,216	100,636	50,623	98,013	49,000	109,669	59,653	108,043	58,030	52,608	2,595	50,985	972	100,636	50,623
6. Length of route parallel to apparent property boundaries	388,896	437,317	427,966	432,207	422,655	430,744	421,392	425,634	416,282	425,976	416,624	420,866	411,514	431,483	422,131
7. Total length of route parallel to existing corridors (including apparent property boundaries)	77	67	78	84	75	82	93	79	80	74	85	71	82	84	96
8. Number of habitable structures within 512 ft of the route centerline	1	1,150	0	1,150	0	1,150	0	1,150	0	1,150	0	1,150	0	1,150	0
9. Length of route across parks/recreational areas ¹	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1
10. Number of additional parks or recreational areas within 1,000 ft of the route centerline	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1
11. Length of route through commercial/industrial areas	698	1,291	337	1,291	337	1,428	474	1,428	474	1,428	474	1,428	474	1,291	337
12. Length of route through agricultural pastures	441,568	484,104	464,031	466,779	466,707	453,954	453,882	456,630	456,558	458,234	458,234	460,982	460,908	458,662	455,580
13. Length of route across agricultural cropland and orchards	5,226	1,878	2,143	1,878	2,143	1,878	2,143	1,878	2,143	1,878	2,143	1,878	2,143	1,878	2,143
14. Length of route across agricultural land with mobile irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15. Length of route across upland forest	26,842	34,804	32,803	34,749	32,748	34,882	32,881	34,827	32,826	32,779	30,778	32,724	30,723	33,784	31,783
16. Length of route across bottomland forest, including forested wetlands ³	7,946	8,216	7,600	8,400	7,784	8,211	7,595	8,395	7,779	8,312	7,696	8,496	7,881	8,218	7,602
17. Length of route across emergent wetlands	128	222	222	222	222	222	222	222	222	222	222	222	222	222	222
18. Number of streams crossed by the route	107	129	132	129	132	132	133	130	133	130	133	132	133	126	129
19. Length of route parallel to rivers, creeks, and streams (within 100 ft)	38,674	42,233	43,750	43,068	44,576	42,706	44,223	43,531	45,048	43,967	44,484	43,792	45,309	43,645	45,162
20. Number of known rare/unique plant locations within the ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21. Number of route through potential GCW endangered species habitat ⁴	4,909	5,476	13,851	5,476	13,851	5,476	13,851	5,476	13,851	1,174	9,549	1,174	9,549	5,476	13,851
22. Length of route through potential BCV endangered species habitat ⁵	25,798	26,381	20,477	26,381	20,477	26,381	20,477	26,381	20,477	23,757	17,853	23,757	17,853	36,696	30,793
23. Number of recorded cultural resource sites crossed by the route ⁶	5	4	4	4	4	4	4	4	4	4	4	4	4	4	6
24. Number of additional recorded cultural resource sites within 1,000 ft of the route centerline ⁶	9	8	8	8	8	11	11	11	11	10	10	10	10	9	9
25. Length of route across areas of high prehistoric and historic archaeological site potential	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26. Number of airstrips with runways greater than 3,200 ft within 20,000 ft of the route centerline	1	3	3	3	3	3	3	3	3	3	3	3	3	3	4
27. Number of airstrips with runways equal to or less than 3,200 ft within 10,000 ft of the route centerline	1	3	3	3	3	3	3	3	3	3	3	3	3	3	4
28. Number of heliports within 5,000 ft of the route centerline	1,800	2,617	2,323	2,617	2,323	2,916	2,623	2,916	2,623	2,484	2,191	2,484	2,191	2,317	2,024
29. Length of route across open water (lakes, ponds)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30. Number of commercial AM radio transmitters within 10,000 ft of route centerline	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
31. Number of FM radio transmitters, microwave relay stations, and other electronic installations w/in 2,000 ft	1	9	9	9	9	8	8	8	8	7	7	7	7	9	9
32. Number of U.S. or State Highways crossed by the route	4	6	6	6	6	6	6	6	6	6	6	6	6	6	8
33. Number of FM roads, county roads, or other street crossed by the route	82	88	85	88	85	89	86	89	86	92	89	92	89	89	86
34. Length of route within foreground visual zone of park/recreational areas (1/2 mile unobstructed)	0	3,244	3,459	3,244	3,459	3,244	3,459	3,244	3,459	3,244	3,459	3,244	3,459	3,244	3,459
35. Length of route within foreground visual zone of State and U.S. Highways (1/2 mile unobstructed)	26,011	78,748	78,642	78,748	78,642	92,022	91,916	92,022	91,916	56,842	56,736	56,842	56,736	152,810	152,704

¹ Habitable structures include but are not limited to single-family and multi-family dwellings and related structures, mobile homes, apartment buildings, commercial structures, industrial structures, business structures, churches, hospitals, nursing homes, and schools, or other structures normally inhabited by humans or intended to be inhabited by humans on a daily or regular basis.

² Defined as parks and recreational areas owned by a governmental body or an organized group, club, or church.

³ Bottomland forests: These forests were derived from the forestland captured within 100-year floodplains and surrounding the creeks, streams, and rivers within the project area. The jurisdictional status of these bottomland systems (in reference to Section 404 of the Clean Water Act) is not known as the project area was not delineated in accordance with USACE's 1987 Wetland Delineation Manual.

⁴ Potential GCW habitat is defined as wooded areas with a mix of mature juniper and deciduous species and tree cover greater than 70%.

⁵ Potential BCV habitat is defined as areas with 35-55% shrub cover in areas with areas of shallow and very shallow soils as described by NRCS, and within areas of early Cretaceous limestone geology.

⁶ Recorded cultural resources sites are defined as those sites recognized and recorded by the THC.

Note: All length measurements in feet. All linear measurements were obtained from aerial photography flown in October 2008, with the exception of areas of high archaeological/historical probability. The aerial photography was ortho-rectified to National Map Accuracy Standards of +/- 12 feet.

Table 7-1
ENVIRONMENTAL DATA FOR THE ALTERNATIVE ROUTE EVALUATION
OF THE BROWN - NEWTON
345 kV TRANSMISSION LINE PROJECT

	ROUTE 121	ROUTE 122	ROUTE 123	ROUTE 124	ROUTE 125	ROUTE 126	ROUTE 127	ROUTE 128	ROUTE 129	ROUTE 130	ROUTE 131	ROUTE 132	ROUTE 133	ROUTE 134	ROUTE 135
1. Length of alternative route	503,105	501,899	492,869	491,463	494,336	493,130	490,808	489,002	492,475	491,269	512,120	510,914	513,787	512,581	492,160
2. Length of route parallel and adjacent to existing transmission lines	185,573	226,030	206,447	242,904	200,814	237,271	257,429	293,886	251,796	288,253	201,650	238,107	196,017	232,474	176,639
3. Length of route parallel and adjacent to existing public roads/highways	119,888	123,032	96,789	99,903	95,769	99,903	96,077	101,211	98,077	101,211	93,957	97,091	93,957	97,091	97,091
4. Length of route parallel and adjacent to existing pipelines	2,277	2,277	2,277	2,277	2,277	2,277	2,277	2,277	2,277	2,277	60,719	60,719	60,719	60,719	60,719
5. Length of route parallel and adjacent to railroads	98,043	49,000	109,666	58,853	108,043	58,030	52,608	2,995	50,985	972	66,744	16,731	65,121	15,108	15,108
6. Length of route parallel to apparent property boundaries	15,622	16,862	9,751	10,821	11,897	12,967	9,751	10,821	11,897	12,967	9,105	10,175	11,251	12,321	12,844
7. Total length of route parallel to existing corridors (including apparent property boundaries)	429,373	417,021	424,910	415,558	419,800	410,448	420,142	410,790	415,032	405,680	432,175	422,823	427,065	417,713	362,201
8. Number of habitable structures ¹ within 512 ft of the route centerline	81	92	98	109	95	106	90	101	87	98	81	92	78	89	70
9. Length of route across parks/recreational areas ²	1,150	0	1,150	0	1,150	0	1,150	0	1,150	0	1,150	0	1,150	0	0
10. Number of additional parks or recreational areas within 1,000 ft of the route centerline	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1
11. Length of route through commercial/industrial areas	1,281	337	1,428	474	1,428	474	1,428	474	1,428	474	953	0	953	0	0
12. Length of route through agricultural/pastureland	458,328	455,256	445,603	445,431	448,179	448,106	449,855	448,782	452,530	452,458	470,928	470,856	473,603	473,531	455,633
13. Length of route across agricultural cropland and orchards	1,878	2,143	1,878	2,143	1,878	2,143	1,878	2,143	1,878	2,143	1,878	2,143	1,878	2,143	1,142
14. Length of route across agricultural land with mobile irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15. Length of route across upland forest	33,728	31,728	33,862	31,851	33,807	31,806	31,759	29,758	31,704	29,703	33,715	31,714	33,660	31,659	29,396
16. Length of route across bottomland forest, including forested wetlands ³	8,402	7,787	8,213	7,697	8,397	7,782	8,315	7,698	8,489	7,883	8,660	8,045	8,844	8,229	7,102
17. Length of route across emergent wetlands	221	222	222	222	222	222	222	222	222	222	185	185	185	185	185
18. Number of streams crossed by the route	126	126	127	130	127	130	127	130	127	130	134	137	134	137	129
19. Length of route parallel to rivers, creeks, and streams (within 100 ft)	44,470	45,987	44,119	45,636	44,943	46,461	44,379	45,896	45,204	46,721	46,529	48,047	47,354	48,872	46,561
20. Number of known rare/unique plant locations within the ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21. Length of route through potential GCW endangered species habitat ⁴	5,476	13,851	5,476	13,851	5,476	13,851	1,174	9,549	1,174	9,549	6,184	14,559	6,184	14,559	4,909
22. Length of route through potential GCW endangered species habitat ⁴	36,696	30,793	36,696	30,793	36,696	30,793	34,072	28,169	34,072	28,169	36,553	30,649	36,553	30,649	29,967
23. Number of recorded cultural resource sites crossed by the route ⁵	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
24. Number of additional recorded cultural resource sites within 1,000 ft of the route centerline ⁵	9	9	12	12	12	12	11	11	11	11	9	9	9	9	9
25. Length of route across areas of high prehistoric and historic archaeological site potential	89,621	78,461	82,189	71,029	85,413	74,254	77,501	66,341	80,725	69,565	73,050	61,890	76,274	65,115	55,236
26. Number of airstrips with runways greater than 3,200 ft within 20,000 ft of the route centerline	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27. Number of airstrips with runways equal to or less than 3,200 ft within 10,000 ft of the route centerline	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28. Number of heliports within 5,000 ft of the route centerline	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29. Length of route across open water (lakes, ponds)	2,317	2,024	2,617	2,324	2,617	2,324	2,185	1,891	2,185	1,891	2,032	1,739	2,032	1,739	1,757
30. Number of commercial AM radio transmitters within 10,000 ft of route centerline	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0
31. Number of FM radio transmitters, microwave relay stations, and other electronic installations within 2,000 ft	9	9	8	8	8	8	7	7	7	7	2	2	2	2	1
32. Number of U.S. or State Highways crossed by the route	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
33. Number of FM roads, county roads, or other street crossed by the route	89	86	90	87	90	87	93	90	93	90	89	86	89	86	83
34. Length of route within foreground visual zone of park/recreational areas (1/2 mile unobstructed)	3,244	3,459	3,244	3,459	3,244	3,459	3,244	3,459	3,244	3,459	3,244	3,459	3,244	3,459	3,459
35. Length of route within foreground visual zone of State and U.S. Highways (1/2 mile unobstructed)	152,810	152,704	166,084	165,578	166,084	165,978	130,904	130,796	130,904	130,798	112,722	112,615	112,722	112,615	112,615

¹Habitable structures include but are not limited to single-family and multi-family dwellings and related structures, mobile homes, apartment buildings, commercial structures, industrial structures, business structures, churches, hospitals, nursing homes, and schools, or other structures normally inhabited by humans or intended to be inhabited by humans on a daily or regular basis.

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⁴Potential GCW habitat is defined as wooded areas with a mix of mature juniper and deciduous species and tree cover greater than 70%.

⁵Potential BCW habitat is defined as areas with 35-85% shrub cover in areas with areas of shallow and very shallow soils as described by NRCS, and within areas of early cretaceous limestone geology.

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Note: All length measurements in feet. All linear measurements were obtained from aerial photography flown in October 2008, with the exception of areas of high archaeological/historical probability. The aerial photography was ortho-rectified to National Map Accuracy Standards of +/- 12 feet.

Table 7-1
ENVIRONMENTAL DATA FOR THE ALTERNATIVE ROUTE EVALUATION
OF THE BROWN - NEWTON
345 KV TRANSMISSION LINE PROJECT

	ROUTE 136	ROUTE 137	ROUTE 138	ROUTE 139	ROUTE 140	ROUTE 141	ROUTE 142	ROUTE 143	ROUTE 144	ROUTE 145	ROUTE 146	ROUTE 147	ROUTE 148	ROUTE 149	ROUTE 150
1. Length of alternative route	503,770	502,564	505,437	504,231	483,810	540,048	546,842	549,715	548,509	539,279	538,073	540,966	539,740	537,418	536,212
2. Length of route parallel and adjacent to existing transmission lines	256,650	293,107	251,017	287,474	231,639	50,578	87,036	44,945	81,402	61,819	96,276	55,186	92,843	112,601	149,258
3. Length of route parallel and adjacent to existing public roads/highways	67,488	70,622	67,488	70,622	70,622	239,898	243,032	239,898	243,032	216,779	219,913	217,779	219,913	216,087	221,221
4. Length of route parallel and adjacent to existing pipelines	50,915	50,915	50,915	50,915	50,915	54,975	54,975	54,975	54,975	54,975	54,975	54,975	54,975	54,975	54,975
5. Length of route parallel and adjacent to railroad	51,636	1,623	50,013	0	100,636	50,623	50,623	99,013	49,000	109,666	59,653	109,043	59,030	52,608	2,595
6. Length of route parallel to apparent property boundaries	7,840	8,710	9,788	10,858	11,179	48,740	50,810	51,886	52,956	46,015	47,085	48,161	49,231	46,015	47,085
7. Total length of route parallel to existing corridors (including apparent property boundaries)	434,328	424,977	429,219	419,867	384,355	495,827	486,475	490,717	481,365	480,254	479,902	484,144	474,792	484,486	475,134
8. Number of habitable structures ¹ within 512 ft of the route centerline	61	72	58	69	50	102	113	99	110	117	128	114	125	109	120
9. Length of route across parks/recreational areas ²	1,150	0	1,150	0	1,150	0	1,150	0	1,150	0	1,150	0	1,150	0	1,150
10. Number of additional parks or recreational areas within 1,000 ft of the route centerline	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2
11. Length of route through commercial/industrial areas	953	0	953	0	0	1,988	1,035	1,988	1,035	2,125	1,172	2,125	1,172	2,125	1,172
12. Length of route through agricultural pastureland	482,121	482,048	484,786	484,724	446,826	495,265	495,193	497,941	497,868	485,116	485,044	487,791	487,719	489,467	489,395
13. Length of route across agricultural cropland and orchards	2,706	2,971	2,706	2,971	1,970	11,623	11,887	11,623	11,887	11,623	11,887	11,623	11,887	11,623	11,887
14. Length of route across agricultural land with mobile irrigation systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15. Length of route across upland forest	34,125	32,124	34,069	32,069	29,805	33,084	31,083	33,039	31,038	33,172	31,172	33,117	31,117	31,070	29,069
16. Length of route across bottomland forest, including forested wetlands ³	9,335	8,719	9,519	8,903	7,776	7,119	6,503	7,303	6,688	7,114	6,498	7,298	6,683	7,216	6,600
17. Length of route across emergent wetlands	185	185	185	185	185	185	295	295	295	295	295	295	295	295	295
18. Number of streams crossed by the route	120	123	120	123	115	118	121	118	121	119	122	119	122	119	122
19. Length of route parallel to rivers, creeks, and streams (within 100 ft)	43,122	44,840	43,947	45,464	43,154	37,269	38,786	38,094	39,611	37,742	39,259	39,567	40,084	38,003	39,520
20. Number of known rare/unique plant locations within the ROW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21. Length of route through potential GCW endangered species habitat ⁴	6,184	14,559	6,184	14,559	4,909	5,476	13,851	5,476	13,851	5,476	13,851	5,476	13,851	1,174	9,549
22. Length of route through potential BGV endangered species habitat ⁵	32,861	26,958	32,861	26,958	25,275	26,903	21,000	26,903	21,000	26,903	21,000	26,903	21,000	24,279	18,376
23. Number of recorded cultural resource sites crossed by the route ⁶	8	8	8	8	8	8	1	1	1	1	1	1	1	1	1
24. Number of additional recorded cultural resource sites within 1,000 ft of the route centerline ⁷	11	11	11	11	11	5	5	5	5	8	8	8	8	8	7
25. Length of route across areas of high prehistoric and historic archaeological site potential	75,130	63,971	78,355	67,195	57,317	81,485	70,325	84,709	73,550	77,271	66,118	80,502	69,342	72,589	61,429
26. Number of airstrips with runways greater than 3,200 ft within 20,000 ft of the route centerline	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27. Number of airstrips with runways equal to or less than 3,200 ft within 10,000 ft of the route centerline	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28. Number of heliports within 5,000 ft of the route centerline	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
29. Length of route across open water (lakes, ponds)	2,249	1,955	2,249	1,955	1,973	3,086	2,802	3,086	2,802	3,395	3,102	3,395	3,102	2,963	2,670
30. Number of commercial AM radio transmitters within 10,000 ft of route centerline	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31. Number of FM radio transmitters, microwave relay stations, and other electronic installations within 2,000 ft	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
32. Number of U.S. or State Highways crossed by the route	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
33. Number of FM roads, county roads, or other street crossed by the route	92	89	92	89	86	86	85	88	85	89	86	89	86	92	89
34. Length of route within foreground visual zone of park/recreational areas (1/2 mile unobstructed)	3,244	3,059	3,244	3,459	0	3,244	3,459	3,244	3,459	3,244	3,459	3,244	3,459	3,244	3,459
35. Length of route within foreground visual zone of State and U.S. Highways (1/2 mile unobstructed)	26,117	26,011	26,117	26,011	26,011	81,129	81,022	81,129	81,022	84,403	84,297	84,403	84,297	89,223	59,116

¹ Habitable structures include but are not limited to single-family and multi-family dwellings and related structures, mobile homes, apartment buildings, commercial structures, industrial structures, business structures, churches, hospitals, nursing homes, and schools, or other structures normally inhabited by humans or intended to be inhabited by humans on a daily or regular basis.

² Defined as parks and recreational areas owned by a governmental body or an organized group, club, or church.

³ Bottomland forests: These forests were derived from the forestland captured within 100-year floodplains and surrounding the creeks, streams, and rivers within the project area. The jurisdictional status of these bottomland systems (in reference to Section 404 of the Clean Water Act) is not known as the project area was not delineated in accordance with USACE's 1987 Wetland Delineation Manual.

⁴ Potential GCW habitat is defined as wooded areas with a mix of mature juniper and deciduous species and tree cover greater than 70%.

⁵ Potential BGV habitat is defined as areas with 35-85% shrub cover in areas with areas of shallow and very shallow soils as described by NRCS, and within areas of early cretaceous limestone geology.

⁶ Recorded cultural resources sites are defined as those sites recognized and recorded by the THC.

Note: All length measurements in feet. All linear measurements were obtained from aerial photography flown in October 2008, with the exception of areas of high archaeological/historical probability. The aerial photography was ortho-rectified to National Map Accuracy Standards of +/- 12 feet.