

## **Appendix 4A**

### **Housing and Population Density Analysis Methodology**

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Housing (dwelling unit) density was determined through the use of aerial photointerpretation and field investigations. Population estimates were determined using 1990 US Bureau of Census county data for the number of persons per household. Results of the population estimate were further verified through electric meter locations that were provided by the Austin Electric Utility Department.

Aerial photointerpretation was based on 1998 photography on which the centerline of the Longhorn pipeline and a 1,250-foot-wide buffer (2,500-foot-wide corridor) was overlain. The photointerpretation process included an initial identification of single-family, multi-family, schools, health care facilities, and industrial/commercial facilities. Field investigations were carried out with the aid of local maps (Key Map, 1998; Mapsco, 1999; Mapsco 1998) for Houston, Austin, and El Paso. Engineering drawings and subdivision plats that were provided by Longhorn pipeline and the City of El Paso were also used to identify land uses along the El Paso Lateral alternatives. Specific names and addresses of apartments, health care, day care, and similar sensitive receptors were noted during the field investigations. Apartment facilities within the Houston, Austin, and El Paso areas are provided on Table 4A-1. The Houston field investigations were conducted on April 6, 7, 12, and 13, 1999. Field investigations in Austin and Bastrop County were conducted on March 20 and 27 and on April 24 and 25, 1999. The El Paso field investigations were April 1 and 2, 1999.

Dwelling unit numbers along the pipeline route were compiled by 1-mile segments along the pipeline from Houston to El Paso and numbers of persons per household were applied to estimate total population numbers within each 1-mile segment. Results of the analysis are provided on Table 4A-2.

Further analyses were carried out to determine the accuracy of the housing inventory in Austin using Austin Electric Utility Department meter location data. Results of the analysis indicate a difference of approximately 2.9 percent between the two methods, with the estimated number of dwelling units estimated using electric meter data being slightly higher than estimated during this study. Discrepancies in the analysis carried out as part of this EA and electric meter location data can be attributed to the misidentification of some structures during photointerpretation and field investigations, meter location variances, and difficulties in estimating the number of dwelling units in some multi-family structures.

**Table 4A-1. Multi-family Facilities Within 1,250 ft from the Existing Longhorn Pipeline  
Houston, Austin, and El Paso Areas**

Facility Name	Address	Estimated Number of Units
<b>Houston Area</b>		
Sterlingshire Apartments	9002 Sterlingshire Street	200
Glenwood Forest Apartments	8600 Stirlingshire Street	159
Dyersdale Village Apartments	9700 Mesa Drive	152
Coppertree Apartments	1415 W. Gulf Bank Road	324
Inwood Meadows Condominiums	9021 Antoine Drive	40
Chesapeake Village Apartments	8430 Antoine Drive	72
The Bristol Place	11245 West Road	390
Winchester Place	10910 Gold Point Drive	256
Villages of Inwood Apartment Homes	5710 W. Mt. Houston	48
Jones Crossing Apartments	9001 Jones Road	290
The Pointe at Steeplechase	8901 Jones Road	316
Stone Canyon Apartments	10919 West Road	216
Just Us Apartments	Galena Park	8
Villa Capri Apartments	Galena Park	8
Holiday Forest Apartments*	Houston	80
Steepleway Downs Apartments	Houston	120
The Trails at Rock Creek Apartments	Houston	320
unnamed condominiums	6104-6114 W. Mt. Houston	18
unnamed condominiums	6107-6139 W. Mt. Houston	39
<b>Austin Area</b>		
Bluff Springs Townhouse Apartments	Bluff Springs Road	190
Townhouses Indian Hills area	Misty Slope Lane	36
Bentwood Village Apartments	South Congress Avenue	8
<b>El Paso Area</b>		
Del Este Apartments	Montana Avenue	96
Del Este II Apartments	Montana Avenue	184
Digger Pines Apartments	Montana Avenue	80

\* 20 buildings ~ 4 habitated/building.

**Table 4A-2. (Continued)**

**Table 4A-2. Estimated Housing Unit and Population Numbers by  
1-mile Segment Houston to El Paso**

Mile Segment		Single -family Units	Multi-family Units	County	Persons per Household	Estimated Population
From	To					
0.0	1.0	0		Harris	2.72	0
1.0	2.0	252	8	Harris	2.72	707
2.0	3.0	259		Harris	2.72	704
3.0	4.0	464	96	Harris	2.72	1,523
4.0	5.0	244		Harris	2.72	664
5.0	6.0	23		Harris	2.72	63
6.0	7.0	11		Harris	2.72	30
7.0	8.0	71		Harris	2.72	193
8.0	9.0	42		Harris	2.72	114
9.0	10.0	96		Harris	2.72	261
10.0	11.0	206		Harris	2.72	560
11.0	12.0	297	352	Harris	2.72	1,765
12.0	13.0	339	159	Harris	2.72	1,355
13.0	14.0	448		Harris	2.72	1,219
14.0	15.0	549		Harris	2.72	1,493
15.0	16.0	578		Harris	2.72	1,572
16.0	17.0	714		Harris	2.72	1,942
17.0	18.0	679		Harris	2.72	1,847
18.0	19.0	514		Harris	2.72	1,398
19.0	20.0	589		Harris	2.72	1,602
20.0	21.0	327		Harris	2.72	889
21.0	22.0	465		Harris	2.72	1,265
22.0	23.0	1,110	324	Harris	2.72	3,900
23.0	24.0	363		Harris	2.72	987
24.0	25.0	192		Harris	2.72	522
25.0	26.0	875	217	Harris	2.72	2,970
26.0	27.0	279		Harris	2.72	759
27.0	28.0	1		Harris	2.72	3
28.0	29.0	283		Harris	2.72	770
29.0	30.0	169		Harris	2.72	460
30.0	31.0	687	144	Harris	2.72	2,260
31.0	32.0	412	572	Harris	2.72	2,676
32.0	33.0	229	1,436	Harris	2.72	4,529
33.0	34.0	128		Harris	2.72	348
34.0	35.0	0		Harris	2.72	0
35.0	36.0	179		Harris	2.72	487
36.0	37.0	35		Harris	2.72	95
37.0	38.0	0		Harris	2.72	0
38.0	39.0	0		Harris	2.72	0
39.0	40.0	0		Harris	2.72	0
40.0	41.0	0		Harris	2.72	0
41.0	42.0	0		Harris	2.72	0
42.0	43.0	0		Harris	2.72	0
43.0	44.0	4		Harris	2.72	11
44.0	45.0	0		Harris	2.72	0
45.0	46.0	1		Harris	2.72	3

**Table 4A-2. (Continued)**

Mile Segment		Single -family Units	Multi-family Units	County	Persons per Household	Estimated Population
From	To					
46.0	47.0	1		Harris	2.72	3
47.0	48.0	0		Harris	2.72	0
48.0	49.0	0		Harris	2.72	0
49.0	50.0	0		Harris	2.72	0
		<b>12,115</b>	<b>3,308</b>	<b>Harris Total</b>		<b>41,951</b>
50.0	51.0	0		Waller	2.76	0
51.0	52.0	0		Waller	2.76	0
52.0	53.0	0		Waller	2.76	0
53.0	54.0	0		Waller	2.76	0
54.0	55.0	0		Waller	2.76	0
55.0	56.0	4		Waller	2.76	11
56.0	57.0	1		Waller	2.76	3
57.0	58.0	2		Waller	2.76	6
58.0	59.0	2		Waller	2.76	6
59.0	60.0	2		Waller	2.76	6
60.0	61.0	0		Waller	2.76	0
61.0	62.0	0		Waller	2.76	0
62.0	63.0	0		Waller	2.76	0
		<b>11</b>	<b>0</b>	<b>Waller Total</b>		<b>30</b>
63.0	64.0	0		Austin	2.62	0
64.0	65.0	8		Austin	2.62	21
65.0	66.0	1		Austin	2.62	3
66.0	67.0	0		Austin	2.62	0
67.0	68.0	3		Austin	2.62	8
68.0	69.0	2		Austin	2.62	5
69.0	70.0	4		Austin	2.62	10
70.0	71.0	0		Austin	2.62	0
71.0	72.0	3		Austin	2.62	8
72.0	73.0	2		Austin	2.62	5
73.0	74.0	1		Austin	2.62	3
74.0	75.0	21		Austin	2.62	55
75.0	76.0	5		Austin	2.62	13
76.0	77.0	8		Austin	2.62	21
77.0	78.0	0		Austin	2.62	0
78.0	79.0	0		Austin	2.62	0
79.0	80.0	4		Austin	2.62	10
80.0	81.0	1		Austin	2.62	3
81.0	82.0	1		Austin	2.62	3
82.0	83.0	6		Austin	2.62	16
83.0	84.0	6		Austin	2.62	16
84.0	85.0	6		Austin	2.62	16
85.0	86.0	3		Austin	2.62	8
86.0	87.0	4		Austin	2.62	10
87.0	88.0	2		Austin	2.62	5
88.0	89.0	0		Austin	2.62	0
89.0	90.0	0		Austin	2.62	0
90.0	91.0	0		Austin	2.62	0
91.0	92.0	3		Austin	2.62	8
		<b>94</b>	<b>0</b>	<b>Austin Total</b>		<b>246</b>

**Table 4A-2. (Continued)**

<b>Mile Segment</b>		<b>Single -family Units</b>	<b>Multi-family Units</b>	<b>County</b>	<b>Persons per Household</b>	<b>Estimated Population</b>
<b>From</b>	<b>To</b>					
92.0	93.0	1		Fayette	2.43	2
93.0	94.0	6		Fayette	2.43	15
94.0	95.0	1		Fayette	2.43	2
95.0	96.0	0		Fayette	2.43	0
96.0	97.0	0		Fayette	2.43	0
97.0	98.0	0		Fayette	2.43	0
98.0	99.0	1		Fayette	2.43	2
99.0	100.0	1		Fayette	2.43	2
100.0	101.0	3		Fayette	2.43	7
101.0	102.0	3		Fayette	2.43	7
102.0	103.0	2		Fayette	2.43	5
103.0	104.0	0		Fayette	2.43	0
104.0	105.0	2		Fayette	2.43	5
105.0	106.0	0		Fayette	2.43	0
106.0	107.0	3		Fayette	2.43	7
107.0	108.0	1		Fayette	2.43	2
108.0	109.0	1		Fayette	2.43	2
109.0	110.0	3		Fayette	2.43	7
110.0	111.0	1		Fayette	2.43	2
111.0	112.0	3		Fayette	2.43	7
112.0	113.0	3		Fayette	2.43	7
113.0	114.0	0		Fayette	2.43	0
114.0	115.0	1		Fayette	2.43	2
115.0	116.0	0		Fayette	2.43	0
116.0	117.0	1		Fayette	2.43	2
117.0	118.0	0		Fayette	2.43	0
118.0	119.0	0		Fayette	2.43	0
		<b>37</b>	<b>0</b>	<b>Fayette Total</b>		<b>90</b>
119.0	120.0	0		Bastrop	2.77	0
120.0	121.0	0		Bastrop	2.77	0
121.0	122.0	1		Bastrop	2.77	3
122.0	123.0	1		Bastrop	2.77	3
123.0	124.0	65		Bastrop	2.77	180
124.0	125.0	23		Bastrop	2.77	64
125.0	126.0	57		Bastrop	2.77	158
126.0	127.0	0		Bastrop	2.77	0
127.0	128.0	0		Bastrop	2.77	0
128.0	129.0	0		Bastrop	2.77	0
129.0	130.0	4		Bastrop	2.77	11
130.0	131.0	4		Bastrop	2.77	11
131.0	132.0	0		Bastrop	2.77	0
132.0	133.0	2		Bastrop	2.77	6
133.0	134.0	4		Bastrop	2.77	11
134.0	135.0	0		Bastrop	2.77	0
135.0	136.0	0		Bastrop	2.77	0
136.0	137.0	0		Bastrop	2.77	0
137.0	138.0	0		Bastrop	2.77	0
138.0	139.0	1		Bastrop	2.77	3
139.0	140.0	0		Bastrop	2.77	0

**Table 4A-2. (Continued)**

Mile Segment		Single -family Units	Multi-family Units	County	Persons per Household	Estimated Population
From	To					
140.0	141.0	0		Bastrop	2.77	0
141.0	142.0	0		Bastrop	2.77	0
142.0	143.0	2		Bastrop	2.77	6
143.0	144.0	0		Bastrop	2.77	0
144.0	145.0	11		Bastrop	2.77	30
145.0	146.0	4		Bastrop	2.77	11
146.0	147.0	0		Bastrop	2.77	0
147.0	148.0	1		Bastrop	2.77	3
148.0	149.0	0		Bastrop	2.77	0
149.0	150.0	0		Bastrop	2.77	0
150.0	151.0	0		Bastrop	2.77	0
151.0	152.0	2		Bastrop	2.77	6
152.0	153.0	56		Bastrop	2.77	155
		<b>238</b>	<b>0</b>	<b>Bastrop Total</b>		<b>659</b>
153.0	154.0	95		Travis	2.39	227
154.0	155.0	32		Travis	2.39	76
155.0	156.0	0		Travis	2.39	0
156.0	157.0	9		Travis	2.39	22
157.0	158.0	2		Travis	2.39	5
158.0	159.0	10		Travis	2.39	24
159.0	160.0	2		Travis	2.39	5
160.0	161.0	58		Travis	2.39	139
161.0	162.0	7		Travis	2.39	17
162.0	163.0	4		Travis	2.39	10
163.0	164.0	102		Travis	2.39	244
164.0	165.0	576	36	Travis	2.39	1,463
165.0	166.0	406		Travis	2.39	970
166.0	167.0	231	190	Travis	2.39	1,006
167.0	168.0	422		Travis	2.39	1,009
168.0	169.0	191		Travis	2.39	456
169.0	170.0	713		Travis	2.39	1,704
170.0	171.0	161		Travis	2.39	385
171.0	172.0	205		Travis	2.39	490
172.0	173.0	0		Travis	2.39	0
173.0	174.0	215		Travis	2.39	514
174.0	175.0	70		Travis	2.39	167
175.0	176.0	31		Travis	2.39	74
176.0	177.0	13		Travis	2.39	31
177.0	178.0	44		Travis	2.39	105
178.0	179.0	15		Travis	2.39	36
179.0	180.0	27		Travis	2.39	65
180.0	181.0	20		Travis	2.39	48
		<b>3,661</b>	<b>226</b>	<b>Travis Total</b>		<b>9,290</b>
181.0	182.0	12		Hays	2.68	32
182.0	183.0	20		Hays	2.68	54
183.0	184.0	5		Hays	2.68	13
184.0	185.0	0		Hays	2.68	0
185.0	186.0	5		Hays	2.68	13
186.0	187.0	7		Hays	2.68	19

**Table 4A-2. (Continued)**

Mile Segment		Single -family Units	Multi-family Units	County	Persons per Household	Estimated Population
From	To					
187.0	188.0	2		Hays	2.68	5
188.0	189.0	0		Hays	2.68	0
189.0	190.0	0		Hays	2.68	0
190.0	191.0	1		Hays	2.68	3
		<b>52</b>	<b>0</b>	<b>Hays Total</b>		<b>139</b>
191.0	192.0	1		Blanco	2.48	2
192.0	193.0	0		Blanco	2.48	0
193.0	194.0	0		Blanco	2.48	0
194.0	195.0	0		Blanco	2.48	0
195.0	196.0	0		Blanco	2.48	0
196.0	197.0	0		Blanco	2.48	0
197.0	198.0	0		Blanco	2.48	0
198.0	199.0	0		Blanco	2.48	0
199.0	200.0	0		Blanco	2.48	0
200.0	201.0	0		Blanco	2.48	0
201.0	202.0	0		Blanco	2.48	0
202.0	203.0	0		Blanco	2.48	0
203.0	204.0	1		Blanco	2.48	2
204.0	205.0	0		Blanco	2.48	0
205.0	206.0	0		Blanco	2.48	0
206.0	207.0	0		Blanco	2.48	0
207.0	208.0	0		Blanco	2.48	0
208.0	209.0	0		Blanco	2.48	0
209.0	210.0	0		Blanco	2.48	0
210.0	211.0	0		Blanco	2.48	0
211.0	212.0	1		Blanco	2.48	2
212.0	213.0	0		Blanco	2.48	0
213.0	214.0	0		Blanco	2.48	0
214.0	215.0	0		Blanco	2.48	0
215.0	216.0	0		Blanco	2.48	0
216.0	217.0	0		Blanco	2.48	0
		<b>3</b>	<b>0</b>	<b>Blanco Total</b>		<b>6</b>
217.0	218.0	0		Gillespie		0
218.0	219.0	0		Gillespie		0
219.0	220.0	0		Gillespie		0
220.0	221.0	0		Gillespie		0
221.0	222.0	0		Gillespie		0
222.0	223.0	0		Gillespie		0
223.0	224.0	0		Gillespie		0
224.0	225.0	0		Gillespie		0
225.0	226.0	0		Gillespie		0
226.0	227.0	0		Gillespie		0
227.0	228.0	0		Gillespie		0
228.0	229.0	0		Gillespie		0
229.0	230.0	0		Gillespie		0
230.0	231.0	0		Gillespie		0
231.0	232.0	0		Gillespie		0
232.0	233.0	0		Gillespie		0
233.0	234.0	0		Gillespie		0



**Table 4A-2. (Continued)**

<b>Mile Segment</b>		<b>Single -family Units</b>	<b>Multi-family Units</b>	<b>County</b>	<b>Persons per Household</b>	<b>Estimated Population</b>
<b>From</b>	<b>To</b>					
234.0	235.0	0		Gillespie		0
235.0	236.0	0		Gillespie		0
236.0	237.0	0		Gillespie		0
237.0	238.0	0		Gillespie		0
238.0	239.0	0		Gillespie		0
239.0	240.0	0		Gillespie		0
240.0	241.0	0		Gillespie		0
		<b>0</b>	<b>0</b>	<b>Gillespie Total</b>		<b>0</b>
241.0	242.0	0		Mason		0
242.0	243.0	0		Mason		0
243.0	244.0	0		Mason		0
244.0	245.0	0		Mason		0
245.0	246.0	0		Mason		0
246.0	247.0	0		Mason		0
247.0	248.0	0		Mason		0
248.0	249.0	0		Mason		0
249.0	250.0	0		Mason		0
250.0	251.0	0		Mason		0
251.0	252.0	0		Mason		0
252.0	253.0	0		Mason		0
253.0	254.0	0		Mason		0
254.0	255.0	0		Mason		0
255.0	256.0	0		Mason		0
256.0	257.0	0		Mason		0
257.0	258.0	0		Mason		0
258.0	259.0	0		Mason		0
259.0	260.0	0		Mason		0
260.0	261.0	0		Mason		0
261.0	262.0	0		Mason		0
262.0	263.0	0		Mason		0
263.0	264.0	0		Mason		0
264.0	265.0	0		Mason		0
265.0	266.0	0		Mason		0
266.0	267.0	0		Mason		0
267.0	268.0	0		Mason		0
268.0	269.0	0		Mason		0
269.0	270.0	0		Mason		0
270.0	271.0	0		Mason		0
271.0	272.0	0		Mason		0
272.0	273.0	0		Mason		0
273.0	274.0	0		Mason		0
		<b>0</b>	<b>0</b>	<b>Mason Total</b>		<b>0</b>
274.0	275.0	0		Kimble		0
275.0	276.0	0		Kimble		0
276.0	277.0	0		Kimble		0
277.0	278.0	0		Kimble		0
278.0	279.0	0		Kimble		0
279.0	280.0	0		Kimble		0
280.0	281.0	0		Kimble		0

**Table 4A-2. (Continued)**

Mile Segment		Single -family Units	Multi-family Units	County	Persons per Household	Estimated Population
From	To					
281.0	282.0	0		Kimble		0
282.0	283.0	0		Kimble		0
283.0	284.0	0		Kimble		0
284.0	285.0	0		Kimble		0
285.0	286.0	0		Kimble		0
286.0	287.0	0		Kimble		0
287.0	288.0	0		Kimble		0
288.0	289.0	0		Kimble		0
289.0	290.0	0		Kimble		0
290.0	291.0	0		Kimble		0
291.0	292.0	0		Kimble		0
292.0	293.0	0		Kimble		0
293.0	294.0	0		Kimble		0
294.0	295.0	0		Kimble		0
295.0	296.0	0		Kimble		0
296.0	297.0	0		Kimble		0
297.0	298.0	0		Kimble		0
298.0	299.0	0		Kimble		0
299.0	300.0	0		Kimble		0
300.0	301.0	0		Kimble		0
301.0	302.0	0		Kimble		0
302.0	303.0	0		Kimble		0
303.0	304.0	0		Kimble		0
304.0	305.0	0		Kimble		0
305.0	306.0	0		Kimble		0
306.0	307.0	0		Kimble		0
307.0	308.0	0		Kimble		0
308.0	309.0	0		Kimble		0
		<b>0</b>	<b>0</b>	<b>Kimble Total</b>		<b>0</b>
309.0	310.0	0		Menard		0
310.0	311.0	0		Menard		0
311.0	312.0	0		Menard		0
		<b>0</b>	<b>0</b>	<b>Menard Total</b>		<b>0</b>
312.0	313.0	0		Schleicher	2.81	0
313.0	314.0	0		Schleicher	2.81	0
314.0	315.0	0		Schleicher	2.81	0
315.0	316.0	0		Schleicher	2.81	0
316.0	317.0	0		Schleicher	2.81	0
317.0	318.0	0		Schleicher	2.81	0
318.0	319.0	0		Schleicher	2.81	0
319.0	320.0	0		Schleicher	2.81	0
320.0	321.0	0		Schleicher	2.81	0
321.0	322.0	0		Schleicher	2.81	0
322.0	323.0	0		Schleicher	2.81	0
323.0	324.0	0		Schleicher	2.81	0
324.0	325.0	0		Schleicher	2.81	0
325.0	326.0	0		Schleicher	2.81	0
326.0	327.0	0		Schleicher	2.81	0
327.0	328.0	0		Schleicher	2.81	0

**Table 4A-2. (Continued)**

Mile Segment		Single -family Units	Multi-family Units	County	Persons per Household	Estimated Population
From	To					
328.0	329.0	0		Schleicher	2.81	0
329.0	330.0	0		Schleicher	2.81	0
330.0	331.0	0		Schleicher	2.81	0
331.0	332.0	0		Schleicher	2.81	0
332.0	333.0	0		Schleicher	2.81	0
333.0	334.0	1		Schleicher	2.81	3
334.0	335.0	1		Schleicher	2.81	3
335.0	336.0	0		Schleicher	2.81	0
336.0	337.0	0		Schleicher	2.81	0
337.0	338.0	0		Schleicher	2.81	0
338.0	339.0	0		Schleicher	2.81	0
339.0	340.0	1		Schleicher	2.81	3
340.0	341.0	0		Schleicher	2.81	0
341.0	342.0	0		Schleicher	2.81	0
342.0	343.0	3		Schleicher	2.81	8
343.0	344.0	0		Schleicher	2.81	0
344.0	345.0	1		Schleicher	2.81	3
345.0	346.0	2		Schleicher	2.81	6
346.0	347.0	2		Schleicher	2.81	6
347.0	348.0	1		Schleicher	2.81	3
348.0	349.0	0		Schleicher	2.81	0
349.0	350.0	0		Schleicher	2.81	0
350.0	351.0	0		Schleicher	2.81	0
351.0	352.0	0		Schleicher	2.81	0
352.0	353.0	0		Schleicher	2.81	0
353.0	354.0	0		Schleicher	2.81	0
354.0	355.0	0		Schleicher	2.81	0
355.0	356.0	0		Schleicher	2.81	0
356.0	357.0	1		Schleicher	2.81	3
357.0	358.0	0		Schleicher	2.81	0
358.0	359.0	1		Schleicher	2.81	3
359.0	360.0	1		Schleicher	2.81	3
360.0	361.0	0		Schleicher	2.81	0
361.0	362.0	0		Schleicher	2.81	0
362.0	363.0	0		Schleicher	2.81	0
363.0	364.0	0		Schleicher	2.81	0
364.0	365.0	0		Schleicher	2.81	0
365.0	366.0	0		Schleicher	2.81	0
		<b>15</b>	<b>0</b>	<b>Schleicher Total</b>		<b>42</b>
366.0	367.0	0		Crockett		0
367.0	368.0	0		Crockett		0
368.0	369.0	0		Crockett		0
369.0	370.0	0		Crockett		0
370.0	371.0	0		Crockett		0
371.0	372.0	0		Crockett		0
372.0	373.0	0		Crockett		0
373.0	374.0	0		Crockett		0
374.0	375.0	0		Crockett		0
375.0	376.0	0		Crockett		0

**Table 4A-2. (Continued)**

Mile Segment		Single -family Units	Multi-family Units	County	Persons per Household	Estimated Population
From	To					
376.0	377.0	0		Crockett		0
377.0	378.0	0		Crockett		0
378.0	379.0	0		Crockett		0
379.0	380.0	0		Crockett		0
380.0	381.0	0		Crockett		0
381.0	382.0	0		Crockett		0
382.0	383.0	0		Crockett		0
383.0	384.0	0		Crockett		0
384.0	385.0	0		Crockett		0
385.0	386.0	0		Crockett		0
386.0	387.0	0		Crockett		0
387.0	388.0	0		Crockett		0
388.0	389.0	0		Crockett		0
389.0	390.0	0		Crockett		0
390.0	391.0	0		Crockett		0
391.0	392.0	0		Crockett		0
		<b>0</b>	<b>0</b>	<b>Crockett Total</b>		<b>0</b>
392.0	393.0	0		Reagan		0
393.0	394.0	0		Reagan		0
394.0	395.0	0		Reagan		0
395.0	396.0	0		Reagan		0
396.0	397.0	0		Reagan		0
397.0	398.0	0		Reagan		0
398.0	399.0	0		Reagan		0
399.0	400.0	0		Reagan		0
400.0	401.0	0		Reagan		0
401.0	402.0	0		Reagan		0
402.0	403.0	0		Reagan		0
403.0	404.0	0		Reagan		0
404.0	405.0	0		Reagan		0
405.0	406.0	0		Reagan		0
406.0	407.0	0		Reagan		0
407.0	408.0	0		Reagan		0
408.0	409.0	0		Reagan		0
409.0	410.0	0		Reagan		0
410.0	411.0	0		Reagan		0
411.0	412.0	0		Reagan		0
412.0	413.0	0		Reagan		0
413.0	414.0	0		Reagan		0
414.0	415.0	0		Reagan		0
415.0	416.0	0		Reagan		0
416.0	417.0	0		Reagan		0
417.0	418.0	0		Reagan		0
418.0	419.0	0		Reagan		0
419.0	420.0	0		Reagan		0
		<b>0</b>	<b>0</b>	<b>Reagan Total</b>		<b>0</b>
420.0	421.0	0		Upton		0
421.0	422.0	0		Upton		0
422.0	423.0	0		Upton		0

**Table 4A-2. (Continued)**

Mile Segment		Single -family Units	Multi-family Units	County	Persons per Household	Estimated Population
From	To					
423.0	424.0	0		Upton		0
424.0	425.0	0		Upton		0
425.0	426.0	0		Upton		0
426.0	427.0	0		Upton		0
427.0	428.0	0		Upton		0
428.0	429.0	0		Upton		0
429.0	430.0	0		Upton		0
430.0	431.0	0		Upton		0
431.0	432.0	0		Upton		0
432.0	433.0	0		Upton		0
433.0	434.0	0		Upton		0
434.0	435.0	0		Upton		0
435.0	436.0	0		Upton		0
436.0	437.0	0		Upton		0
437.0	438.0	0		Upton		0
438.0	439.0	0		Upton		0
439.0	440.0	0		Upton		0
440.0	441.0	0		Upton		0
441.0	442.0	0		Upton		0
442.0	443.0	0		Upton		0
443.0	444.0	0		Upton		0
444.0	445.0	0		Upton		0
445.0	446.0	0		Upton		0
446.0	447.0	0		Upton		0
447.0	448.0	0		Upton		0
448.0	449.0	0		Upton		0
449.0	450.0	0		Upton		0
450.0	451.0	0		Upton		0
451.0	452.0	0		Upton		0
452.0	453.0	0		Upton		0
		<b>0</b>	<b>0</b>	<b>Upton Total</b>		<b>0</b>
453.0	454.0	0		Crane		0
454.0	455.0	0		Crane		0
455.0	456.0	0		Crane		0
456.0	457.0	0		Crane		0
457.0	458.0	0		Crane		0
458.0	459.0	0		Crane		0
459.0	460.0	0		Crane		0
460.0	461.0	0		Crane		0
461.0	462.0	0		Crane		0
462.0	463.0	0		Crane		0
463.0	464.0	0		Crane		0
464.0	465.0	0		Crane		0
465.0	466.0	0		Crane		0
466.0	467.0	0		Crane		0
467.0	468.0	0		Crane		0
468.0	469.0	0		Crane		0
469.0	470.0	0		Crane		0
470.0	471.0	0		Crane		0

**Table 4A-2. (Continued)**

Mile Segment		Single -family Units	Multi-family Units	County	Persons per Household	Estimated Population
From	To					
471.0	472.0	0		Crane		0
472.0	473.0	0		Crane		0
473.0	474.0	0		Crane		0
474.0	475.0	0		Crane		0
475.0	476.0	0		Crane		0
476.0	477.0	0		Crane		0
477.0	478.0	0		Crane		0
478.0	479.0	0		Crane		0
479.0	480.0	0		Crane		0
480.0	481.0	0		Crane		0
		<b>0</b>	<b>0</b>	<b>Crane Total</b>		<b>0</b>
481.0	482.0	0		Ward	2.88	0
482.0	483.0	0		Ward	2.88	0
483.0	484.0	0		Ward	2.88	0
484.0	485.0	0		Ward	2.88	0
485.0	486.0	0		Ward	2.88	0
486.0	487.0	0		Ward	2.88	0
487.0	488.0	0		Ward	2.88	0
488.0	489.0	0		Ward	2.88	0
489.0	490.0	0		Ward	2.88	0
490.0	491.0	0		Ward	2.88	0
491.0	492.0	0		Ward	2.88	0
492.0	493.0	0		Ward	2.88	0
493.0	494.0	0		Ward	2.88	0
494.0	495.0	0		Ward	2.88	0
495.0	496.0	0		Ward	2.88	0
496.0	497.0	0		Ward	2.88	0
497.0	498.0	0		Ward	2.88	0
498.0	499.0	0		Ward	2.88	0
499.0	500.0	0		Ward	2.88	0
500.0	501.0	0		Ward	2.88	0
501.0	502.0	0		Ward	2.88	0
502.0	503.0	0		Ward	2.88	0
503.0	504.0	0		Ward	2.88	0
504.0	505.0	0		Ward	2.88	0
505.0	506.0	0		Ward	2.88	0
506.0	507.0	0		Ward	2.88	0
507.0	508.0	0		Ward	2.88	0
508.0	509.0	0		Ward	2.88	0
509.0	510.0	0		Ward	2.88	0
510.0	511.0	0		Ward	2.88	0
511.0	512.0	0		Ward	2.88	0
512.0	513.0	0		Ward	2.88	0
513.0	514.0	0		Ward	2.88	0
514.0	515.0	0		Ward	2.88	0
515.0	516.0	0		Ward	2.88	0
516.0	517.0	0		Ward	2.88	0
517.0	518.0	0		Ward	2.88	0
518.0	519.0	0		Ward	2.88	0

**Table 4A-2. (Continued)**

Mile Segment		Single -family Units	Multi-family Units	County	Persons per Household	Estimated Population
From	To					
519.0	520.0	0		Ward	2.88	0
520.0	521.0	0		Ward	2.88	0
521.0	522.0	0		Ward	2.88	0
522.0	523.0	1		Ward	2.88	3
523.0	524.0	1		Ward	2.88	3
524.0	525.0	0		Ward	2.88	0
		<b>2</b>	<b>0</b>	<b>Ward Total</b>		<b>6</b>
525.0	526.0	0		Reeves	3.14	0
526.0	527.0	1		Reeves	3.14	3
527.0	528.0	0		Reeves	3.14	0
528.0	529.0	0		Reeves	3.14	0
529.0	530.0	0		Reeves	3.14	0
530.0	531.0	0		Reeves	3.14	0
531.0	532.0	0		Reeves	3.14	0
532.0	533.0	0		Reeves	3.14	0
533.0	534.0	0		Reeves	3.14	0
534.0	535.0	0		Reeves	3.14	0
535.0	536.0	0		Reeves	3.14	0
536.0	537.0	0		Reeves	3.14	0
537.0	538.0	0		Reeves	3.14	0
538.0	539.0	0		Reeves	3.14	0
539.0	540.0	0		Reeves	3.14	0
540.0	541.0	0		Reeves	3.14	0
541.0	542.0	0		Reeves	3.14	0
542.0	543.0	0		Reeves	3.14	0
543.0	544.0	0		Reeves	3.14	0
544.0	545.0	0		Reeves	3.14	0
545.0	546.0	0		Reeves	3.14	0
546.0	547.0	0		Reeves	3.14	0
547.0	548.0	0		Reeves	3.14	0
548.0	549.0	0		Reeves	3.14	0
549.0	550.0	0		Reeves	3.14	0
550.0	551.0	0		Reeves	3.14	0
551.0	552.0	0		Reeves	3.14	0
552.0	553.0	0		Reeves	3.14	0
553.0	554.0	0		Reeves	3.14	0
554.0	555.0	0		Reeves	3.14	0
555.0	556.0	0		Reeves	3.14	0
556.0	557.0	0		Reeves	3.14	0
557.0	558.0	0		Reeves	3.14	0
558.0	559.0	0		Reeves	3.14	0
		<b>1</b>	<b>0</b>	<b>Reeves Total</b>		<b>3</b>
559.0	560.0	0		Culberson		0
560.0	561.0	0		Culberson		0
561.0	562.0	0		Culberson		0
562.0	563.0	0		Culberson		0
563.0	564.0	0		Culberson		0
564.0	565.0	0		Culberson		0
565.0	566.0	0		Culberson		0

**Table 4A-2. (Continued)**

Mile Segment		Single -family Units	Multi-family Units	County	Persons per Household	Estimated Population
From	To					
566.0	567.0	0		Culberson		0
567.0	568.0	0		Culberson		0
568.0	569.0	0		Culberson		0
569.0	570.0	0		Culberson		0
570.0	571.0	0		Culberson		0
571.0	572.0	0		Culberson		0
572.0	573.0	0		Culberson		0
573.0	574.0	0		Culberson		0
574.0	575.0	0		Culberson		0
575.0	576.0	0		Culberson		0
576.0	577.0	0		Culberson		0
577.0	578.0	0		Culberson		0
578.0	579.0	0		Culberson		0
579.0	580.0	0		Culberson		0
580.0	581.0	0		Culberson		0
581.0	582.0	0		Culberson		0
582.0	583.0	0		Culberson		0
583.0	584.0	0		Culberson		0
584.0	585.0	0		Culberson		0
585.0	586.0	0		Culberson		0
586.0	587.0	0		Culberson		0
587.0	588.0	0		Culberson		0
588.0	589.0	0		Culberson		0
589.0	590.0	0		Culberson		0
590.0	591.0	0		Culberson		0
591.0	592.0	0		Culberson		0
592.0	593.0	0		Culberson		0
593.0	594.0	0		Culberson		0
594.0	595.0	0		Culberson		0
595.0	596.0	0		Culberson		0
596.0	597.0	0		Culberson		0
597.0	598.0	0		Culberson		0
598.0	599.0	0		Culberson		0
599.0	600.0	0		Culberson		0
600.0	601.0	0		Culberson		0
601.0	602.0	0		Culberson		0
602.0	603.0	0		Culberson		0
603.0	604.0	0		Culberson		0
604.0	605.0	0		Culberson		0
605.0	606.0	0		Culberson		0
606.0	607.0	0		Culberson		0
607.0	608.0	0		Culberson		0
608.0	609.0	0		Culberson		0
609.0	610.0	0		Culberson		0
		<b>0</b>	<b>0</b>	<b>Culberson Total</b>		<b>0</b>
611.0	611.0	0		Hudspeth		0
612.0	612.0	0		Hudspeth		0
613.0	613.0	0		Hudspeth		0
614.0	614.0	0		Hudspeth		0



**Table 4A-2. (Continued)**

Mile Segment		Single -family Units	Multi-family Units	County	Persons per Household	Estimated Population
From	To					
615.0	615.0	0		Hudspeth		0
616.0	616.0	0		Hudspeth		0
617.0	617.0	0		Hudspeth		0
618.0	618.0	0		Hudspeth		0
619.0	619.0	0		Hudspeth		0
620.0	620.0	0		Hudspeth		0
621.0	621.0	0		Hudspeth		0
622.0	622.0	0		Hudspeth		0
623.0	623.0	0		Hudspeth		0
624.0	624.0	0		Hudspeth		0
625.0	625.0	0		Hudspeth		0
626.0	626.0	0		Hudspeth		0
627.0	627.0	0		Hudspeth		0
628.0	628.0	0		Hudspeth		0
629.0	629.0	0		Hudspeth		0
630.0	630.0	0		Hudspeth		0
631.0	631.0	0		Hudspeth		0
632.0	632.0	0		Hudspeth		0
633.0	633.0	0		Hudspeth		0
634.0	634.0	0		Hudspeth		0
635.0	635.0	0		Hudspeth		0
636.0	636.0	0		Hudspeth		0
637.0	637.0	0		Hudspeth		0
638.0	638.0	0		Hudspeth		0
639.0	639.0	0		Hudspeth		0
640.0	640.0	0		Hudspeth		0
641.0	641.0	0		Hudspeth		0
642.0	642.0	0		Hudspeth		0
643.0	643.0	0		Hudspeth		0
644.0	644.0	0		Hudspeth		0
645.0	645.0	0		Hudspeth		0
646.0	646.0	0		Hudspeth		0
647.0	647.0	0		Hudspeth		0
648.0	648.0	0		Hudspeth		0
649.0	649.0	0		Hudspeth		0
650.0	650.0	0		Hudspeth		0
651.0	651.0	0		Hudspeth		0
652.0	652.0	0		Hudspeth		0
653.0	653.0	0		Hudspeth		0
654.0	654.0	0		Hudspeth		0
655.0	655.0	0		Hudspeth		0
656.0	656.0	0		Hudspeth		0
657.0	657.0	0		Hudspeth		0
658.0	658.0	0		Hudspeth		0
659.0	659.0	0		Hudspeth		0
660.0	660.0	0		Hudspeth		0
661.0	661.0	0		Hudspeth		0
662.0	662.0	0		Hudspeth		0
663.0	663.0	0		Hudspeth		0

**Table 4A-2. (Continued)**

<b>Mile Segment</b>		<b>Single -family Units</b>	<b>Multi-family Units</b>	<b>County</b>	<b>Persons per Household</b>	<b>Estimated Population</b>
<b>From</b>	<b>To</b>					
664.0	664.0	0		Hudspeth		0
665.0	665.0	0		Hudspeth		0
666.0	666.0	0		Hudspeth		0
667.0	667.0	0		Hudspeth		0
668.0	668.0	0		Hudspeth		0
669.0	669.0	0		Hudspeth		0
670.0	670.0	0		Hudspeth		0
671.0	671.0	0		Hudspeth		0
672.0	672.0	0		Hudspeth		0
673.0	673.0	0		Hudspeth		0
674.0	674.0	0		Hudspeth		0
675.0	675.0	0		Hudspeth		0
676.0	676.0	0		Hudspeth		0
677.0	677.0	0		Hudspeth		0
		<b>0</b>	<b>0</b>	<b>Hudspeth Total</b>		<b>0</b>
677.0	678.0	0		El Paso		0
678.0	679.0	0		El Paso		0
679.0	680.0	0		El Paso		0
680.0	681.0	0		El Paso		0
681.0	682.0	0		El Paso		0
682.0	683.0	0		El Paso		0
683.0	684.0	0		El Paso		0
684.0	685.0	0		El Paso		0
685.0	686.0	0		El Paso		0
686.0	687.0	0		El Paso		0
687.0	688.0	0		El Paso		0
688.0	689.0	0		El Paso		0
689.0	690.0	0		El Paso		0
690.0	691.0	0		El Paso		0
691.0	692.0	0		El Paso		0
692.0	693.0	0		El Paso		0
693.0	694.0	0		El Paso		0
694.0	695.0	0		El Paso		0
		<b>0</b>	<b>0</b>	<b>El Paso Total</b>		<b>0</b>
		<b>16,229</b>	<b>3,534</b>	<b>Grand Total</b>		<b>52,743</b>

**Table 4A-3. Hypersensitive Dwelling Unit Areas by 0.1-Mile Pipeline Segment**

<b>From Milepost</b>	<b>To Milepost</b>	<b>Single Family</b>	<b>Multi-Family</b>	<b>Total</b>
31.7	31.8	25	472	497
21.9	22.0	104	325	429
32.1	32.2	0	390	390
32.3	32.4	0	320	320
31.9	32.0	0	316	316
32.0	32.1	0	290	290
11.5	11.6	62	200	262
25.3	25.4	114	120	234
11.6	11.7	68	152	220
30.4	30.5	72	144	216
166.0	166.1	0	190	190
12.0	12.1	9	159	168
23.0	23.1	142		142
25.8	25.9	142		142
25.1	25.2	141		141
25.2	25.3	139		139
23.2	23.3	137		137
22.8	22.9	131		131
22.9	23.0	129		129
23.1	23.2	128		128
22.3	22.4	126		126
17.1	17.2	124		124
22.4	22.5	123		123
25.6	25.7	61	59	120
32.5	32.6	0	120	120
22.7	22.8	119		119
16.9	17.0	118		118
17.0	17.1	117		117
13.8	13.9	115		115
30.5	30.6	114		114
2.9	3.0	113		113
25.0	25.1	112		112
16.8	16.9	109		109
22.2	22.3	109		109
30.7	30.8	109		109
15.1	15.2	108		108
19.8	19.9	107		107
25.7	25.8	107		107
22.5	22.6	105		105
13.7	13.8	103		103
13.9	14.0	103		103
18.3	18.4	102	1	103
1.3	1.4	102		102
18.2	18.3	102		102