



TECHNICAL ANALYSIS

to Accompany

Moving Into Prosperity The Potential Impact of the Trans-Texas Corridor on Business Activity in Texas: An Analysis of the Effects in Key Trans-Texas Corridors and the State of Texas



June 2006





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APPENDIX E

Gross Potential Impact of Offsets to TTC-69

Construction Outlays on the TTC-69 Study Area

Table E.1
The Gross Potential Impact of TTC-69 Construction Projects on
Business Activity in the TTC-69 Study Area*: Laredo to Corpus Christi
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$121,242,282	\$37,287,011	\$25,394,531	472
Forestry & Fishery Products	\$3,885,278	\$3,416,186	\$1,267,007	19
Coal Mining	\$19,329,107	\$5,605,324	\$5,906,699	46
Crude Petroleum & Natural Gas	\$182,175,079	\$39,800,101	\$18,355,762	105
Miscellaneous Mining	\$52,647,630	\$26,208,383	\$15,406,431	199
New Construction	\$3,118,251,418	\$1,264,414,242	\$1,041,956,087	17,098
Maintenance & Repair Construction	\$185,333,181	\$98,590,324	\$81,244,570	1,333
Food Products & Tobacco	\$236,953,465	\$61,404,926	\$31,368,570	610
Textile Mill Products	\$727,172	\$169,027	\$143,011	3
Apparel	\$51,712,347	\$28,763,247	\$14,574,778	462
Paper & Allied Products	\$51,135,520	\$22,601,695	\$10,218,065	181
Printing & Publishing	\$54,006,616	\$26,718,890	\$17,440,024	344
Chemicals & Petroleum Refining	\$615,913,112	\$97,146,724	\$45,616,028	393
Rubber & Leather Products	\$39,515,119	\$17,297,815	\$10,112,215	234
Lumber Products & Furniture	\$33,833,514	\$10,586,299	\$7,547,444	183
Stone, Clay, & Glass Products	\$218,974,887	\$101,785,935	\$53,234,466	1,010
Primary Metal	\$74,232,938	\$22,374,329	\$16,654,355	291
Fabricated Metal Products	\$323,037,849	\$124,151,458	\$80,152,345	1,597
Machinery, Except Electrical	\$43,475,632	\$18,239,286	\$13,030,230	161
Electric & Electronic Equipment	\$12,354,839	\$6,837,285	\$4,087,564	39
Motor Vehicles & Equipment	\$15,015,945	\$3,177,348	\$2,064,213	34
Transp. Equip., Exc. Motor Vehicles	\$6,679,793	\$2,830,678	\$1,849,752	26
Instruments & Related Products	\$5,886,378	\$2,473,047	\$1,879,738	28
Miscellaneous Manufacturing	\$25,789,754	\$11,251,567	\$7,760,336	143
Transportation	\$429,752,110	\$283,157,289	\$187,270,124	3,012
Communication	\$156,469,023	\$96,575,003	\$41,230,966	424
Electric, Gas, Water, Sanitary Services	\$441,931,838	\$99,491,075	\$43,415,253	214
Wholesale Trade	\$362,809,038	\$245,504,043	\$141,559,815	1,842
Retail Trade	\$934,504,243	\$774,238,831	\$462,970,059	14,123
Finance	\$146,009,375	\$78,857,316	\$45,918,848	475
Insurance	\$145,740,583	\$87,111,302	\$52,078,563	729
Real Estate	\$972,832,961	\$134,662,409	\$21,697,032	224
Hotels, Lodging Places, Amusements	\$93,490,639	\$48,819,436	\$32,027,234	908
Personal Services	\$195,621,245	\$120,406,492	\$93,678,197	1,837
Business Services	\$1,027,562,815	\$657,519,176	\$536,367,163	7,594
Eating & Drinking Places	\$415,419,547	\$243,307,055	\$129,452,349	6,810
Health Services	\$332,195,933	\$232,427,654	\$196,519,730	3,777
Miscellaneous Services	\$307,215,801	\$125,732,127	\$108,999,280	3,029
Households	\$15,131,078	\$15,131,078	\$14,810,902	1,191
Total	\$11,468,795,086	\$5,276,071,412	\$3,615,259,734	71,202

*The TTC-69 Study Area is defined in the accompanying report.

Note: All monetary values are in constant 2005 dollars.

Source: US Multi-Regional Impact Assessment System, The Perryman Group

Table E.2
The Gross Potential Impact of TTC-69 Construction Projects on
Business Activity in the TTC-69 Study Area*: Valley to Arkansas
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$606,211,410	\$186,435,055	\$126,972,654	2,361
Forestry & Fishery Products	\$19,426,391	\$17,080,930	\$6,335,034	93
Coal Mining	\$96,645,535	\$28,026,622	\$29,533,493	230
Crude Petroleum & Natural Gas	\$910,875,397	\$199,000,505	\$91,778,811	523
Miscellaneous Mining	\$263,238,152	\$131,041,913	\$77,032,155	993
New Construction	\$15,591,257,092	\$6,322,071,208	\$5,209,780,435	85,491
Maintenance & Repair Construction	\$926,665,907	\$492,951,621	\$406,222,850	6,666
Food Products & Tobacco	\$1,184,767,325	\$307,024,632	\$156,842,848	3,049
Textile Mill Products	\$3,635,861	\$845,134	\$715,055	17
Apparel	\$258,561,736	\$143,816,235	\$72,873,889	2,312
Paper & Allied Products	\$255,677,599	\$113,008,476	\$51,090,325	905
Printing & Publishing	\$270,033,082	\$133,594,451	\$87,200,119	1,721
Chemicals & Petroleum Refining	\$3,079,565,562	\$485,733,622	\$228,080,138	1,964
Rubber & Leather Products	\$197,575,596	\$86,489,073	\$50,561,075	1,172
Lumber Products & Furniture	\$169,167,569	\$52,931,494	\$37,737,220	914
Stone, Clay, & Glass Products	\$1,094,874,437	\$508,929,675	\$266,172,329	5,050
Primary Metal	\$371,164,691	\$111,871,644	\$83,271,777	1,456
Fabricated Metal Products	\$1,615,189,246	\$620,757,291	\$400,761,724	7,986
Machinery, Except Electrical	\$217,378,159	\$91,196,428	\$65,151,152	807
Electric & Electronic Equipment	\$61,774,194	\$34,186,424	\$20,437,820	197
Motor Vehicles & Equipment	\$75,079,724	\$15,886,740	\$10,321,066	171
Transp. Equip., Exc. Motor Vehicles	\$33,398,964	\$14,153,391	\$9,248,760	131
Instruments & Related Products	\$29,431,888	\$12,365,233	\$9,398,691	139
Miscellaneous Manufacturing	\$128,948,769	\$56,257,837	\$38,801,678	717
Transportation	\$2,148,760,550	\$1,415,786,446	\$936,350,620	15,062
Communication	\$782,345,116	\$482,875,017	\$206,154,828	2,120
Electric, Gas, Water, Sanitary Services	\$2,209,659,190	\$497,455,373	\$217,076,267	1,070
Wholesale Trade	\$1,814,045,189	\$1,227,520,214	\$707,799,074	9,210
Retail Trade	\$4,672,521,215	\$3,871,194,156	\$2,314,850,297	70,614
Finance	\$730,046,874	\$394,286,578	\$229,594,239	2,376
Insurance	\$728,702,914	\$435,556,511	\$260,392,817	3,645
Real Estate	\$4,864,164,806	\$673,312,043	\$108,485,158	1,121
Hotels, Lodging Places, Amusements	\$467,453,194	\$244,097,179	\$160,136,169	4,540
Personal Services	\$978,106,225	\$602,032,458	\$468,390,987	9,186
Business Services	\$5,137,814,075	\$3,287,595,880	\$2,681,835,814	37,970
Eating & Drinking Places	\$2,077,097,735	\$1,216,535,275	\$647,261,746	34,049
Health Services	\$1,660,979,666	\$1,162,138,272	\$982,598,649	18,885
Miscellaneous Services	\$1,536,079,007	\$628,660,634	\$544,996,400	15,145
Households	\$75,655,390	\$75,655,390	\$74,054,510	5,956
Total	\$57,343,975,431	\$26,380,357,061	\$18,076,298,669	356,012

*The TTC-69 Study Area is defined in the accompanying report.

Note: All monetary values are in constant 2005 dollars.

Source: US Multi-Regional Impact Assessment System, The Perryman Group

Table E.3
The Total Gross Potential Impact of TTC-69 Construction Projects on
Business Activity in the TTC-69 Study Area*
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$727,453,692	\$223,722,066	\$152,367,184	2,833
Forestry & Fishery Products	\$23,311,670	\$20,497,115	\$7,602,041	111
Coal Mining	\$115,974,642	\$33,631,946	\$35,440,191	276
Crude Petroleum & Natural Gas	\$1,093,050,477	\$238,800,607	\$110,134,573	628
Miscellaneous Mining	\$315,885,782	\$157,250,296	\$92,438,586	1,191
New Construction	\$18,709,508,510	\$7,586,485,450	\$6,251,736,521	102,590
Maintenance & Repair Construction	\$1,111,999,089	\$591,541,946	\$487,467,420	7,999
Food Products & Tobacco	\$1,421,720,790	\$368,429,559	\$188,211,417	3,658
Textile Mill Products	\$4,363,033	\$1,014,160	\$858,066	21
Apparel	\$310,274,083	\$172,579,482	\$87,448,667	2,774
Paper & Allied Products	\$306,813,119	\$135,610,172	\$61,308,390	1,086
Printing & Publishing	\$324,039,698	\$160,313,341	\$104,640,143	2,066
Chemicals & Petroleum Refining	\$3,695,478,675	\$582,880,346	\$273,696,165	2,357
Rubber & Leather Products	\$237,090,715	\$103,786,887	\$60,673,290	1,407
Lumber Products & Furniture	\$203,001,082	\$63,517,793	\$45,284,664	1,097
Stone, Clay, & Glass Products	\$1,313,849,325	\$610,715,610	\$319,406,795	6,060
Primary Metal	\$445,397,629	\$134,245,973	\$99,926,133	1,747
Fabricated Metal Products	\$1,938,227,095	\$744,908,749	\$480,914,069	9,583
Machinery, Except Electrical	\$260,853,791	\$109,435,714	\$78,181,383	969
Electric & Electronic Equipment	\$74,129,033	\$41,023,708	\$24,525,383	237
Motor Vehicles & Equipment	\$90,095,668	\$19,064,088	\$12,385,280	205
Transp. Equip., Exc. Motor Vehicles	\$40,078,757	\$16,984,069	\$11,098,511	157
Instruments & Related Products	\$35,318,266	\$14,838,280	\$11,278,429	167
Miscellaneous Manufacturing	\$154,738,523	\$67,509,405	\$46,562,013	860
Transportation	\$2,578,512,660	\$1,698,943,736	\$1,123,620,744	18,074
Communication	\$938,814,139	\$579,450,021	\$247,385,794	2,544
Electric, Gas, Water, Sanitary Services	\$2,651,591,027	\$596,946,447	\$260,491,520	1,284
Wholesale Trade	\$2,176,854,227	\$1,473,024,256	\$849,358,889	11,052
Retail Trade	\$5,607,025,458	\$4,645,432,987	\$2,777,820,356	84,737
Finance	\$876,056,249	\$473,143,893	\$275,513,087	2,851
Insurance	\$874,443,496	\$522,667,814	\$312,471,380	4,374
Real Estate	\$5,836,997,767	\$807,974,452	\$130,182,190	1,345
Hotels, Lodging Places, Amusements	\$560,943,833	\$292,916,615	\$192,163,403	5,448
Personal Services	\$1,173,727,470	\$722,438,950	\$562,069,184	11,023
Business Services	\$6,165,376,890	\$3,945,115,057	\$3,218,202,977	45,564
Eating & Drinking Places	\$2,492,517,282	\$1,459,842,330	\$776,714,095	40,859
Health Services	\$1,993,175,600	\$1,394,565,926	\$1,179,118,379	22,661
Miscellaneous Services	\$1,843,294,809	\$754,392,761	\$653,995,680	18,174
Households	\$90,786,468	\$90,786,468	\$88,865,412	7,147
Total	\$68,812,770,518	\$31,656,428,473	\$21,691,558,403	427,214

*The TTC-69 Study Area is defined in the accompanying report.

Note: All monetary values are in constant 2005 dollars.

Source: US Multi-Regional Impact Assessment System, The Perryman Group

APPENDIX F
Gross Potential Impact of TTC-69
Construction Projects on Texas

Table F.1
The Gross Potential Impact of TTC-69 Construction Projects on
Business Activity in Texas: Laredo to Corpus Christi
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$174,617,454	\$53,566,912	\$36,482,050	678
Forestry & Fishery Products	\$3,981,032	\$3,516,599	\$1,304,239	19
Coal Mining	\$19,915,917	\$5,774,903	\$6,085,395	47
Crude Petroleum & Natural Gas	\$184,918,340	\$40,399,358	\$18,632,138	106
Miscellaneous Mining	\$69,878,425	\$34,781,502	\$20,446,093	264
New Construction	\$3,118,251,418	\$1,264,414,242	\$1,041,956,087	17,098
Maintenance & Repair Construction	\$190,290,717	\$101,130,864	\$83,338,130	1,367
Food Products & Tobacco	\$348,947,618	\$90,412,537	\$46,187,044	898
Textile Mill Products	\$5,104,048	\$1,185,972	\$1,003,435	27
Apparel	\$80,878,043	\$44,981,047	\$22,792,589	723
Paper & Allied Products	\$59,308,662	\$26,214,851	\$11,851,543	210
Printing & Publishing	\$81,288,596	\$40,236,214	\$26,263,085	519
Chemicals & Petroleum Refining	\$622,344,373	\$98,120,596	\$46,073,313	396
Rubber & Leather Products	\$53,250,843	\$23,303,425	\$13,623,077	316
Lumber Products & Furniture	\$43,727,504	\$13,696,682	\$9,764,975	236
Stone, Clay, & Glass Products	\$337,789,291	\$157,059,179	\$82,142,604	1,558
Primary Metal	\$122,040,253	\$36,773,794	\$27,372,611	479
Fabricated Metal Products	\$324,059,475	\$124,518,300	\$80,389,176	1,602
Machinery, Except Electrical	\$44,107,054	\$18,492,407	\$13,211,048	163
Electric & Electronic Equipment	\$59,909,528	\$33,138,056	\$19,811,062	191
Motor Vehicles & Equipment	\$28,931,647	\$6,128,567	\$3,981,517	66
Transp. Equip., Exc. Motor Vehicles	\$14,755,726	\$6,253,912	\$4,086,704	57
Instruments & Related Products	\$10,177,924	\$4,274,321	\$3,248,873	49
Miscellaneous Manufacturing	\$36,447,628	\$15,884,885	\$10,955,991	202
Transportation	\$435,552,348	\$287,144,534	\$189,907,149	3,055
Communication	\$221,523,889	\$136,595,558	\$58,317,023	600
Electric, Gas, Water, Sanitary Services	\$456,663,575	\$102,798,041	\$44,858,323	221
Wholesale Trade	\$435,956,484	\$295,001,289	\$170,100,370	2,213
Retail Trade	\$1,017,557,105	\$843,046,452	\$504,114,822	15,378
Finance	\$152,860,240	\$82,526,045	\$48,055,158	497
Insurance	\$194,062,367	\$115,996,875	\$69,347,500	971
Real Estate	\$1,107,284,987	\$158,507,695	\$25,539,029	263
Hotels, Lodging Places, Amusements	\$106,227,737	\$55,429,348	\$36,363,575	1,031
Personal Services	\$204,153,757	\$125,713,735	\$97,807,312	1,918
Business Services	\$1,035,610,081	\$662,256,242	\$540,231,395	7,649
Eating & Drinking Places	\$457,061,811	\$267,697,406	\$142,429,307	7,493
Health Services	\$342,880,626	\$240,000,730	\$202,922,839	3,900
Miscellaneous Services	\$320,592,867	\$131,152,939	\$113,698,674	3,160
Households	\$15,374,561	\$15,374,561	\$15,049,228	1,210
Total	\$12,538,283,952	\$5,763,500,574	\$3,889,744,484	76,829

Note: All monetary values are in constant 2005 dollars.

Source: US Multi-Regional Impact Assessment System, The Perryman Group

Table F.2
The Gross Potential Impact of TTC-69 Construction Projects on
Business Activity in Texas: Valley to Arkansas
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$873,087,272	\$267,834,558	\$182,410,250	3,390
Forestry & Fishery Products	\$19,905,162	\$17,582,995	\$6,521,193	96
Coal Mining	\$99,579,587	\$28,874,517	\$30,426,977	237
Crude Petroleum & Natural Gas	\$924,591,702	\$201,996,788	\$93,160,689	531
Miscellaneous Mining	\$349,392,124	\$173,907,508	\$102,230,466	1,320
New Construction	\$15,591,257,092	\$6,322,071,208	\$5,209,780,435	85,491
Maintenance & Repair Construction	\$951,453,583	\$505,654,320	\$416,690,648	6,836
Food Products & Tobacco	\$1,744,738,092	\$452,062,684	\$230,935,221	4,491
Textile Mill Products	\$25,520,240	\$5,929,861	\$5,017,175	133
Apparel	\$404,390,214	\$224,905,236	\$113,962,946	3,614
Paper & Allied Products	\$296,543,310	\$131,074,257	\$59,257,714	1,048
Printing & Publishing	\$406,442,981	\$201,181,069	\$131,315,424	2,593
Chemicals & Petroleum Refining	\$3,111,721,864	\$490,602,979	\$230,366,563	1,980
Rubber & Leather Products	\$266,254,213	\$116,517,123	\$68,115,385	1,579
Lumber Products & Furniture	\$218,637,522	\$68,483,409	\$48,824,874	1,181
Stone, Clay, & Glass Products	\$1,688,946,457	\$785,295,897	\$410,713,022	7,788
Primary Metal	\$610,201,266	\$183,868,970	\$136,863,057	2,396
Fabricated Metal Products	\$1,620,297,375	\$622,591,501	\$401,945,882	8,008
Machinery, Except Electrical	\$220,535,271	\$92,462,034	\$66,055,241	817
Electric & Electronic Equipment	\$299,547,642	\$165,690,279	\$99,055,308	956
Motor Vehicles & Equipment	\$144,658,233	\$30,642,837	\$19,907,583	328
Transp. Equip., Exc. Motor Vehicles	\$73,778,628	\$31,269,559	\$20,433,518	287
Instruments & Related Products	\$50,889,621	\$21,371,605	\$16,244,363	245
Miscellaneous Manufacturing	\$182,238,141	\$79,424,423	\$54,779,955	1,012
Transportation	\$2,177,761,739	\$1,435,722,671	\$949,535,744	15,274
Communication	\$1,107,619,446	\$682,977,789	\$291,585,117	2,998
Electric, Gas, Water, Sanitary Services	\$2,283,317,873	\$513,990,206	\$224,291,613	1,107
Wholesale Trade	\$2,179,782,418	\$1,475,006,445	\$850,501,851	11,067
Retail Trade	\$5,087,785,523	\$4,215,232,262	\$2,520,574,111	76,888
Finance	\$764,301,199	\$412,630,227	\$240,275,792	2,484
Insurance	\$970,311,837	\$579,984,374	\$346,737,502	4,855
Real Estate	\$5,536,424,933	\$792,538,475	\$127,695,144	1,317
Hotels, Lodging Places, Amusements	\$531,138,684	\$277,146,740	\$181,817,876	5,153
Personal Services	\$1,020,768,783	\$628,568,674	\$489,036,561	9,589
Business Services	\$5,178,050,405	\$3,311,281,211	\$2,701,156,975	38,244
Eating & Drinking Places	\$2,285,309,057	\$1,338,487,030	\$712,146,537	37,463
Health Services	\$1,714,403,131	\$1,200,003,650	\$1,014,614,194	19,500
Miscellaneous Services	\$1,602,964,334	\$655,764,694	\$568,493,369	15,801
Households	\$76,872,804	\$76,872,804	\$75,246,142	6,051
Total	\$62,691,419,758	\$28,817,502,868	\$19,448,722,420	384,146

Note: All monetary values are in constant 2005 dollars.

Source: US Multi-Regional Impact Assessment System, The Perryman Group

Table F.3
The Total Gross Potential Impact of TTC-69 Construction Projects on
Business Activity in Texas
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$1,047,704,727	\$321,401,470	\$218,892,300	4,068
Forestry & Fishery Products	\$23,886,194	\$21,099,594	\$7,825,432	115
Coal Mining	\$119,495,504	\$34,649,421	\$36,512,372	284
Crude Petroleum & Natural Gas	\$1,109,510,042	\$242,396,146	\$111,792,827	638
Miscellaneous Mining	\$419,270,549	\$208,689,009	\$122,676,560	1,584
New Construction	\$18,709,508,510	\$7,586,485,450	\$6,251,736,521	102,590
Maintenance & Repair Construction	\$1,141,744,299	\$606,785,184	\$500,028,777	8,203
Food Products & Tobacco	\$2,093,685,710	\$542,475,221	\$277,122,265	5,389
Textile Mill Products	\$30,624,288	\$7,115,833	\$6,020,610	159
Apparel	\$485,268,256	\$269,886,283	\$136,755,535	4,337
Paper & Allied Products	\$355,851,972	\$157,289,108	\$71,109,257	1,257
Printing & Publishing	\$487,731,577	\$241,417,283	\$157,578,509	3,112
Chemicals & Petroleum Refining	\$3,734,066,237	\$588,723,575	\$276,439,876	2,376
Rubber & Leather Products	\$319,505,056	\$139,820,547	\$81,738,462	1,895
Lumber Products & Furniture	\$262,365,027	\$82,180,091	\$58,589,849	1,418
Stone, Clay, & Glass Products	\$2,026,735,749	\$942,355,076	\$492,855,626	9,345
Primary Metal	\$732,241,519	\$220,642,765	\$164,235,669	2,875
Fabricated Metal Products	\$1,944,356,850	\$747,109,801	\$482,335,059	9,609
Machinery, Except Electrical	\$264,642,326	\$110,954,440	\$79,266,290	980
Electric & Electronic Equipment	\$359,457,171	\$198,828,335	\$118,866,370	1,147
Motor Vehicles & Equipment	\$173,589,880	\$36,771,404	\$23,889,100	394
Transp. Equip., Exc. Motor Vehicles	\$88,534,354	\$37,523,471	\$24,520,222	344
Instruments & Related Products	\$61,067,545	\$25,645,926	\$19,493,235	294
Miscellaneous Manufacturing	\$218,685,769	\$95,309,307	\$65,735,946	1,214
Transportation	\$2,613,314,087	\$1,722,867,206	\$1,139,442,893	18,328
Communication	\$1,329,143,336	\$819,573,347	\$349,902,140	3,598
Electric, Gas, Water, Sanitary Services	\$2,739,981,448	\$616,788,248	\$269,149,936	1,328
Wholesale Trade	\$2,615,738,902	\$1,770,007,734	\$1,020,602,221	13,280
Retail Trade	\$6,105,342,627	\$5,058,278,714	\$3,024,688,934	92,265
Finance	\$917,161,439	\$495,156,273	\$288,330,951	2,980
Insurance	\$1,164,374,205	\$695,981,248	\$416,085,002	5,826
Real Estate	\$6,643,709,920	\$951,046,170	\$153,234,173	1,581
Hotels, Lodging Places, Amusements	\$637,366,421	\$332,576,088	\$218,181,452	6,184
Personal Services	\$1,224,922,539	\$754,282,409	\$586,843,873	11,506
Business Services	\$6,213,660,486	\$3,973,537,453	\$3,241,388,370	45,893
Eating & Drinking Places	\$2,742,370,868	\$1,606,184,436	\$854,575,844	44,956
Health Services	\$2,057,283,758	\$1,440,004,380	\$1,217,537,033	23,399
Miscellaneous Services	\$1,923,557,201	\$786,917,632	\$682,192,043	18,962
Households	\$92,247,364	\$92,247,364	\$90,295,370	7,261
Total	\$75,229,703,710	\$34,581,003,442	\$23,338,466,904	460,976

Note: All monetary values are in constant 2005 dollars.

Source: US Multi-Regional Impact Assessment System, The Perryman Group

APPENDIX G

Potential Impact of Offsets to TTC-69

Construction Outlays on the TTC-69 Study Area

Table G.1
The Offsetting Potential Impact of Foregone Alternative Highway Construction
Projects Stemming from Use of TxDOT Funds for TTC-69 Construction on
Business Activity in the TTC-69 Study Area*
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	(\$71,748,308)	(\$22,065,569)	(\$15,027,881)	-279
Forestry & Fishery Products	(\$2,299,216)	(\$2,021,618)	(\$749,785)	-11
Coal Mining	(\$11,438,507)	(\$3,317,098)	(\$3,495,444)	-27
Crude Petroleum & Natural Gas	(\$107,806,894)	(\$23,552,756)	(\$10,862,505)	-62
Miscellaneous Mining	(\$31,155,620)	(\$15,509,500)	(\$9,117,161)	-117
New Construction	(\$1,845,307,271)	(\$748,250,375)	(\$616,604,913)	-10,118
Maintenance & Repair Construction	(\$109,675,783)	(\$58,343,417)	(\$48,078,611)	-789
Food Products & Tobacco	(\$140,223,444)	(\$36,337,980)	(\$18,563,176)	-361
Textile Mill Products	(\$430,323)	(\$100,026)	(\$84,631)	-2
Apparel	(\$30,602,141)	(\$17,021,408)	(\$8,625,008)	-274
Paper & Allied Products	(\$30,260,788)	(\$13,375,147)	(\$6,046,809)	-107
Printing & Publishing	(\$31,959,835)	(\$15,811,606)	(\$10,320,593)	-204
Chemicals & Petroleum Refining	(\$364,482,780)	(\$57,489,129)	(\$26,994,484)	-232
Rubber & Leather Products	(\$23,384,111)	(\$10,236,437)	(\$5,984,169)	-139
Lumber Products & Furniture	(\$20,021,871)	(\$6,264,721)	(\$4,466,398)	-108
Stone, Clay, & Glass Products	(\$129,584,148)	(\$60,234,503)	(\$31,502,895)	-598
Primary Metal	(\$43,929,293)	(\$13,240,597)	(\$9,855,653)	-172
Fabricated Metal Products	(\$191,166,141)	(\$73,469,890)	(\$47,432,258)	-945
Machinery, Except Electrical	(\$25,727,848)	(\$10,793,577)	(\$7,710,981)	-96
Electric & Electronic Equipment	(\$7,311,301)	(\$4,046,143)	(\$2,418,923)	-23
Motor Vehicles & Equipment	(\$8,886,080)	(\$1,880,279)	(\$1,221,552)	-20
Transp. Equip., Exc. Motor Vehicles	(\$3,952,943)	(\$1,675,128)	(\$1,094,639)	-16
Instruments & Related Products	(\$3,483,419)	(\$1,463,490)	(\$1,112,384)	-17
Miscellaneous Manufacturing	(\$15,261,765)	(\$6,658,411)	(\$4,592,383)	-85
Transportation	(\$254,317,111)	(\$167,565,772)	(\$110,822,020)	-1,783
Communication	(\$92,594,659)	(\$57,150,798)	(\$24,399,508)	-251
Electric, Gas, Water, Sanitary Services	(\$261,524,786)	(\$58,876,459)	(\$25,692,118)	-127
Wholesale Trade	(\$214,701,788)	(\$145,283,473)	(\$83,771,743)	-1,090
Retail Trade	(\$553,017,459)	(\$458,176,187)	(\$273,974,706)	-8,358
Finance	(\$86,404,887)	(\$46,665,890)	(\$27,173,686)	-281
Insurance	(\$86,245,822)	(\$51,550,404)	(\$30,818,859)	-431
Real Estate	(\$575,699,485)	(\$79,690,021)	(\$12,839,789)	-133
Hotels, Lodging Places, Amusements	(\$55,325,544)	(\$28,890,185)	(\$18,952,958)	-537
Personal Services	(\$115,764,016)	(\$71,253,707)	(\$55,436,537)	-1,087
Business Services	(\$608,087,316)	(\$389,104,262)	(\$317,409,372)	-4,494
Eating & Drinking Places	(\$245,835,440)	(\$143,983,348)	(\$76,606,832)	-4,030
Health Services	(\$196,585,679)	(\$137,545,176)	(\$116,295,718)	-2,235
Miscellaneous Services	(\$181,803,029)	(\$74,405,292)	(\$64,503,190)	-1,793
Households	(\$8,954,213)	(\$8,954,213)	(\$8,764,741)	-705
Total	(\$6,786,961,064)	(\$3,122,253,992)	(\$2,139,425,011)	-42,136

*The TTC-69 Study Area is defined in the accompanying report.

Note: All monetary values are in constant 2005 dollars.

Source: US Multi-Regional Impact Assessment System, The Perryman Group

APPENDIX H

Potential Impact of Offsets to TTC-69

Construction Outlays on Texas

Table H.1
The Offsetting Potential Impact of Foregone Alternative Highway Construction
Projects Stemming from Use of TxDOT Funds for TTC-69 Construction on
Business Activity in Texas
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	(\$103,334,470)	(\$31,699,628)	(\$21,589,212)	-401
Forestry & Fishery Products	(\$2,355,881)	(\$2,081,040)	(\$771,818)	-11
Coal Mining	(\$11,785,768)	(\$3,417,451)	(\$3,601,193)	-28
Crude Petroleum & Natural Gas	(\$109,430,290)	(\$23,907,382)	(\$11,026,057)	-63
Miscellaneous Mining	(\$41,352,395)	(\$20,582,868)	(\$12,099,513)	-156
New Construction	(\$1,845,307,271)	(\$748,250,375)	(\$616,604,913)	-10,118
Maintenance & Repair Construction	(\$112,609,535)	(\$59,846,848)	(\$49,317,530)	-809
Food Products & Tobacco	(\$206,498,929)	(\$53,503,996)	(\$27,332,398)	-532
Textile Mill Products	(\$3,020,455)	(\$701,830)	(\$593,809)	-16
Apparel	(\$47,861,708)	(\$26,618,717)	(\$13,488,114)	-428
Paper & Allied Products	(\$35,097,460)	(\$15,513,328)	(\$7,013,462)	-124
Printing & Publishing	(\$48,104,664)	(\$23,810,838)	(\$15,541,871)	-307
Chemicals & Petroleum Refining	(\$368,288,647)	(\$58,065,443)	(\$27,265,094)	-234
Rubber & Leather Products	(\$31,512,586)	(\$13,790,414)	(\$8,061,814)	-187
Lumber Products & Furniture	(\$25,876,901)	(\$8,105,372)	(\$5,778,681)	-140
Stone, Clay, & Glass Products	(\$199,895,695)	(\$92,943,899)	(\$48,610,046)	-922
Primary Metal	(\$72,220,529)	(\$21,761,860)	(\$16,198,463)	-284
Fabricated Metal Products	(\$191,770,715)	(\$73,686,978)	(\$47,572,409)	-948
Machinery, Except Electrical	(\$26,101,509)	(\$10,943,368)	(\$7,817,985)	-97
Electric & Electronic Equipment	(\$35,453,039)	(\$19,610,316)	(\$11,723,717)	-113
Motor Vehicles & Equipment	(\$17,121,063)	(\$3,626,741)	(\$2,356,167)	-39
Transp. Equip., Exc. Motor Vehicles	(\$8,732,089)	(\$3,700,917)	(\$2,418,414)	-34
Instruments & Related Products	(\$6,023,054)	(\$2,529,442)	(\$1,922,606)	-29
Miscellaneous Manufacturing	(\$21,568,842)	(\$9,400,298)	(\$6,483,496)	-120
Transportation	(\$257,749,555)	(\$169,925,329)	(\$112,382,549)	-1,808
Communication	(\$131,092,586)	(\$80,834,013)	(\$34,510,632)	-355
Electric, Gas, Water, Sanitary Services	(\$270,242,678)	(\$60,833,444)	(\$26,546,092)	-131
Wholesale Trade	(\$257,988,713)	(\$174,574,770)	(\$100,661,367)	-1,310
Retail Trade	(\$602,166,173)	(\$498,894,906)	(\$298,323,202)	-9,100
Finance	(\$90,459,066)	(\$48,836,957)	(\$28,437,904)	-294
Insurance	(\$114,841,509)	(\$68,644,201)	(\$41,038,207)	-575
Real Estate	(\$655,265,007)	(\$93,801,096)	(\$15,113,392)	-156
Hotels, Lodging Places, Amusements	(\$62,863,057)	(\$32,801,774)	(\$21,519,102)	-610
Personal Services	(\$120,813,354)	(\$74,394,408)	(\$57,880,049)	-1,135
Business Services	(\$612,849,497)	(\$391,907,545)	(\$319,696,133)	-4,526
Eating & Drinking Places	(\$270,478,345)	(\$158,416,979)	(\$84,286,288)	-4,434
Health Services	(\$202,908,627)	(\$142,026,743)	(\$120,084,926)	-2,308
Miscellaneous Services	(\$189,719,259)	(\$77,613,200)	(\$67,284,180)	-1,870
Households	(\$9,098,301)	(\$9,098,301)	(\$8,905,777)	-716
Total	(\$7,419,859,222)	(\$3,410,703,015)	(\$2,301,858,579)	-45,466

Note: All monetary values are in constant 2005 dollars.

Source: US Multi-Regional Impact Assessment System, The Perryman Group