



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



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APPENDIX R

Potential Impact of Intracorridor Trade Benefits

Table R.1
The Potential Impact of Enhanced Intracorridor Trade Stemming from TTC-35
on Business Activity in the TTC-35 Study Area* Under a 1% "Value Capture"
Scenario (As of 2030)—Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$947,777,907	\$255,994,891	\$174,346,772	3,240
Forestry & Fishery Products	\$21,797,113	\$16,414,928	\$6,088,015	92
Coal Mining	\$121,972,367	\$34,924,695	\$36,802,448	290
Crude Petroleum & Natural Gas	\$1,753,025,353	\$384,315,174	\$177,245,696	1,012
Miscellaneous Mining	\$93,599,964	\$40,388,406	\$23,742,075	306
New Construction	\$629,298,462	\$271,892,673	\$224,056,497	3,677
Maintenance & Repair Construction	\$1,776,191,820	\$938,341,406	\$773,251,760	12,689
Food Products & Tobacco	\$2,750,616,737	\$695,102,380	\$355,091,516	6,905
Textile Mill Products	\$50,525,731	\$12,173,886	\$10,300,245	274
Apparel	\$487,934,276	\$270,588,172	\$137,111,159	4,348
Paper & Allied Products	\$579,486,047	\$263,599,869	\$119,171,561	2,106
Printing & Publishing	\$943,594,800	\$476,886,965	\$311,274,878	6,147
Chemicals & Petroleum Refining	\$2,616,924,095	\$508,282,575	\$238,668,182	2,053
Rubber & Leather Products	\$668,929,982	\$281,745,565	\$164,707,162	3,817
Lumber Products & Furniture	\$286,993,309	\$100,978,302	\$71,991,957	1,742
Stone, Clay, & Glass Products	\$380,344,135	\$197,893,513	\$103,499,136	1,963
Primary Metal	\$397,120,347	\$108,754,013	\$80,951,164	1,417
Fabricated Metal Products	\$632,222,254	\$240,535,716	\$155,290,171	3,094
Machinery, Except Electrical	\$655,723,727	\$265,711,374	\$189,825,309	2,352
Electric & Electronic Equipment	\$929,915,822	\$544,099,566	\$325,281,234	3,143
Motor Vehicles & Equipment	\$694,730,566	\$168,517,924	\$109,480,318	1,803
Transp. Equip., Exc. Motor Vehicles	\$267,474,667	\$131,984,514	\$86,247,200	1,200
Instruments & Related Products	\$111,953,176	\$47,699,281	\$36,255,798	540
Miscellaneous Manufacturing	\$221,308,680	\$86,636,272	\$59,754,031	1,104
Transportation	\$2,772,830,275	\$1,832,237,139	\$1,211,776,241	19,490
Communication	\$2,383,417,976	\$1,459,059,400	\$622,919,298	6,409
Electric, Gas, Water, Sanitary Services	\$3,261,453,050	\$733,292,118	\$319,989,117	1,577
Wholesale Trade	\$3,340,840,030	\$2,260,224,603	\$1,303,265,640	16,958
Retail Trade	\$6,555,104,933	\$5,431,224,651	\$3,247,698,679	99,067
Finance	\$2,364,456,580	\$1,322,034,639	\$769,824,611	7,963
Insurance	\$1,545,984,008	\$1,004,098,277	\$600,289,497	8,401
Real Estate	\$12,236,972,699	\$3,460,960,084	\$557,635,725	5,759
Hotels, Lodging Places, Amusements	\$1,105,715,478	\$553,343,564	\$363,012,512	10,293
Personal Services	\$1,105,465,033	\$678,952,489	\$528,236,013	10,358
Business Services	\$5,097,860,428	\$3,303,945,184	\$2,695,172,665	38,159
Eating & Drinking Places	\$2,985,208,518	\$1,747,836,823	\$929,942,488	48,920
Health Services	\$2,955,574,029	\$2,041,311,998	\$1,725,948,204	33,173
Miscellaneous Services	\$2,076,963,824	\$936,835,689	\$812,158,497	22,572
Households	\$72,333,359	\$72,333,359	\$70,802,779	5,694
Total	\$67,879,641,556	\$33,181,152,077	\$19,729,106,249	400,107

*The TTC-35 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 R.2
The Potential Impact of Enhanced Intracorridor Trade Stemming from TTC-35
on Business Activity in Texas Under a 1% "Value Capture"
Scenario (As of 2030)—Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$1,403,458,949	\$374,664,578	\$255,167,434	4,742
Forestry & Fishery Products	\$32,547,741	\$26,212,335	\$9,721,706	147
Coal Mining	\$149,963,987	\$42,934,671	\$45,243,087	356
Crude Petroleum & Natural Gas	\$2,374,052,881	\$520,525,686	\$240,065,822	1,371
Miscellaneous Mining	\$93,751,407	\$40,453,495	\$23,780,336	307
New Construction	\$629,298,462	\$271,892,673	\$224,056,497	3,677
Maintenance & Repair Construction	\$1,880,845,057	\$993,189,465	\$818,449,977	13,430
Food Products & Tobacco	\$2,779,715,021	\$702,564,994	\$358,903,775	6,979
Textile Mill Products	\$50,759,653	\$12,227,232	\$10,345,380	275
Apparel	\$491,177,352	\$272,381,402	\$138,019,816	4,377
Paper & Allied Products	\$589,959,435	\$268,281,374	\$121,288,035	2,144
Printing & Publishing	\$947,543,999	\$478,886,665	\$312,580,127	6,173
Chemicals & Petroleum Refining	\$4,291,276,739	\$814,803,957	\$382,597,768	3,292
Rubber & Leather Products	\$671,073,550	\$282,667,349	\$165,246,033	3,830
Lumber Products & Furniture	\$287,879,283	\$101,289,057	\$72,213,508	1,748
Stone, Clay, & Glass Products	\$381,494,963	\$198,531,341	\$103,832,723	1,969
Primary Metal	\$424,311,141	\$116,344,696	\$86,601,296	1,516
Fabricated Metal Products	\$734,258,935	\$277,886,412	\$179,403,829	3,575
Machinery, Except Electrical	\$672,162,941	\$272,444,217	\$194,635,284	2,411
Electric & Electronic Equipment	\$931,320,506	\$544,839,212	\$325,723,418	3,147
Motor Vehicles & Equipment	\$695,861,461	\$168,772,545	\$109,645,737	1,805
Transp. Equip., Exc. Motor Vehicles	\$267,966,111	\$132,194,880	\$86,384,666	1,202
Instruments & Related Products	\$112,348,622	\$47,861,448	\$36,379,060	542
Miscellaneous Manufacturing	\$222,215,504	\$86,994,035	\$60,000,784	1,108
Transportation	\$2,786,139,832	\$1,841,386,514	\$1,217,827,311	19,587
Communication	\$2,397,298,022	\$1,467,635,551	\$626,580,732	6,447
Electric, Gas, Water, Sanitary Services	\$4,170,845,268	\$935,406,860	\$408,186,598	2,012
Wholesale Trade	\$3,355,127,206	\$2,269,892,761	\$1,308,840,386	17,030
Retail Trade	\$6,643,604,599	\$5,504,558,878	\$3,291,550,202	100,405
Finance	\$2,370,476,719	\$1,325,214,172	\$771,676,063	7,982
Insurance	\$1,554,254,025	\$1,009,048,112	\$603,248,703	8,442
Real Estate	\$12,319,519,815	\$3,469,068,211	\$558,942,120	5,772
Hotels, Lodging Places, Amusements	\$1,112,738,668	\$557,042,684	\$365,439,263	10,362
Personal Services	\$1,162,831,189	\$713,724,277	\$555,289,025	10,889
Business Services	\$5,116,326,145	\$3,314,815,119	\$2,704,039,746	38,285
Eating & Drinking Places	\$3,023,606,953	\$1,770,324,552	\$941,907,159	49,549
Health Services	\$2,988,570,205	\$2,064,558,945	\$1,745,603,714	33,550
Miscellaneous Services	\$2,109,526,922	\$950,247,206	\$823,785,165	22,895
Households	\$81,152,886	\$81,152,886	\$79,435,683	6,388
Total	\$72,307,262,156	\$34,322,920,450	\$20,362,637,968	409,718

Note: All monetary values are in constant 2005 dollars.

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

Table R.3
The Potential Impact of Enhanced Intracorridor Trade Stemming from TTC-69
on Business Activity in the TTC-69 Study Area* Under a 1% "Value Capture"
Scenario (As of 2030)—Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$529,786,425	\$150,113,615	\$102,235,726	1,900
Forestry & Fishery Products	\$47,060,419	\$22,216,022	\$8,239,543	124
Coal Mining	\$94,762,809	\$27,152,453	\$28,612,325	225
Crude Petroleum & Natural Gas	\$1,471,481,219	\$322,622,982	\$148,793,329	850
Miscellaneous Mining	\$49,972,176	\$21,013,016	\$12,352,373	159
New Construction	\$418,172,565	\$180,674,296	\$148,886,873	2,443
Maintenance & Repair Construction	\$1,087,584,746	\$574,980,530	\$473,819,765	7,775
Food Products & Tobacco	\$995,931,045	\$255,278,987	\$130,408,706	2,536
Textile Mill Products	\$4,072,006	\$983,351	\$832,006	22
Apparel	\$166,264,319	\$92,239,272	\$46,739,045	1,482
Paper & Allied Products	\$251,078,042	\$113,522,986	\$51,322,908	907
Printing & Publishing	\$307,571,822	\$154,942,213	\$101,134,276	1,997
Chemicals & Petroleum Refining	\$3,382,434,027	\$751,679,465	\$352,957,156	3,037
Rubber & Leather Products	\$261,360,900	\$109,925,420	\$64,261,898	1,489
Lumber Products & Furniture	\$136,175,108	\$47,009,990	\$33,515,525	811
Stone, Clay, & Glass Products	\$153,877,924	\$79,455,564	\$41,555,590	788
Primary Metal	\$164,590,241	\$44,982,485	\$33,482,759	586
Fabricated Metal Products	\$563,113,482	\$215,912,352	\$139,393,294	2,778
Machinery, Except Electrical	\$456,708,928	\$186,300,715	\$133,094,009	1,649
Electric & Electronic Equipment	\$230,248,396	\$134,395,712	\$80,346,328	776
Motor Vehicles & Equipment	\$150,003,372	\$36,003,747	\$23,390,402	385
Transp. Equip., Exc. Motor Vehicles	\$54,583,050	\$26,576,593	\$17,366,862	241
Instruments & Related Products	\$40,514,079	\$17,379,732	\$13,210,179	196
Miscellaneous Manufacturing	\$88,495,231	\$34,660,392	\$23,905,671	442
Transportation	\$1,614,641,769	\$1,055,449,674	\$698,036,741	11,227
Communication	\$877,372,751	\$536,910,541	\$229,224,346	2,359
Electric, Gas, Water, Sanitary Services	\$2,794,142,588	\$623,756,447	\$272,190,674	1,341
Wholesale Trade	\$1,709,208,825	\$1,156,374,619	\$666,775,904	8,676
Retail Trade	\$3,481,599,498	\$2,884,657,612	\$1,724,933,014	52,617
Finance	\$1,113,519,482	\$635,992,032	\$370,340,007	3,831
Insurance	\$621,311,358	\$400,937,923	\$239,696,479	3,354
Real Estate	\$6,225,380,541	\$1,754,306,562	\$282,656,832	2,919
Hotels, Lodging Places, Amusements	\$478,253,042	\$242,883,115	\$159,339,723	4,518
Personal Services	\$630,245,520	\$386,605,993	\$300,785,712	5,898
Business Services	\$3,028,902,732	\$1,980,539,989	\$1,615,613,135	22,874
Eating & Drinking Places	\$1,525,792,216	\$893,347,098	\$475,308,343	25,003
Health Services	\$1,580,406,938	\$1,090,230,475	\$921,799,966	17,717
Miscellaneous Services	\$1,155,512,091	\$521,446,609	\$452,050,771	12,564
Households	\$44,767,612	\$44,767,612	\$43,820,327	3,524
Total	\$37,986,899,296	\$17,808,228,190	\$10,662,428,522	212,019

*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 R.4
The Potential Impact of Enhanced Intracorridor Trade Stemming from TTC-69
on Business Activity in Texas Under a 1% "Value Capture"
Scenario (As of 2030)—Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$724,874,444	\$202,772,794	\$138,099,559	2,567
Forestry & Fishery Products	\$47,306,462	\$22,474,047	\$8,335,241	125
Coal Mining	\$96,416,813	\$27,629,355	\$29,114,874	229
Crude Petroleum & Natural Gas	\$1,478,530,249	\$324,162,801	\$149,503,491	854
Miscellaneous Mining	\$60,854,386	\$25,334,313	\$14,892,624	192
New Construction	\$418,172,565	\$180,674,296	\$148,886,873	2,443
Maintenance & Repair Construction	\$1,100,323,544	\$581,508,658	\$479,199,349	7,864
Food Products & Tobacco	\$1,364,187,099	\$349,582,883	\$178,583,647	3,472
Textile Mill Products	\$18,654,700	\$4,544,602	\$3,845,159	102
Apparel	\$253,398,255	\$140,582,423	\$71,235,263	2,259
Paper & Allied Products	\$282,078,183	\$127,380,102	\$57,587,608	1,018
Printing & Publishing	\$418,769,571	\$210,406,557	\$137,337,106	2,712
Chemicals & Petroleum Refining	\$3,398,959,673	\$754,181,928	\$354,132,208	3,047
Rubber & Leather Products	\$313,045,050	\$131,923,052	\$77,121,609	1,787
Lumber Products & Furniture	\$159,536,231	\$54,995,314	\$39,208,625	949
Stone, Clay, & Glass Products	\$206,345,140	\$106,918,152	\$55,918,641	1,060
Primary Metal	\$241,569,852	\$66,442,974	\$49,456,895	866
Fabricated Metal Products	\$565,738,620	\$216,854,984	\$140,001,858	2,790
Machinery, Except Electrical	\$458,331,424	\$186,951,095	\$133,558,642	1,654
Electric & Electronic Equipment	\$360,023,731	\$205,386,599	\$122,787,096	1,186
Motor Vehicles & Equipment	\$191,598,863	\$44,846,106	\$29,134,977	479
Transp. Equip., Exc. Motor Vehicles	\$82,051,077	\$38,734,917	\$25,311,896	352
Instruments & Related Products	\$54,912,233	\$23,288,389	\$17,701,297	264
Miscellaneous Manufacturing	\$110,282,657	\$43,224,381	\$29,812,352	551
Transportation	\$1,629,545,946	\$1,065,695,235	\$704,812,790	11,336
Communication	\$1,103,216,322	\$675,827,853	\$288,532,606	2,969
Electric, Gas, Water, Sanitary Services	\$2,831,996,970	\$632,253,952	\$275,898,758	1,359
Wholesale Trade	\$1,907,705,653	\$1,290,652,940	\$744,201,980	9,684
Retail Trade	\$3,709,698,435	\$3,073,634,773	\$1,837,935,313	56,064
Finance	\$1,135,377,428	\$647,615,963	\$377,108,656	3,901
Insurance	\$777,278,365	\$494,630,054	\$295,709,325	4,138
Real Estate	\$6,685,366,717	\$1,857,571,909	\$299,295,116	3,091
Hotels, Lodging Places, Amusements	\$517,523,092	\$263,052,188	\$172,571,332	4,893
Personal Services	\$652,170,505	\$400,243,377	\$311,395,817	6,106
Business Services	\$3,049,580,827	\$1,992,712,251	\$1,625,542,582	23,015
Eating & Drinking Places	\$1,651,528,446	\$966,958,811	\$514,473,702	27,064
Health Services	\$1,607,862,109	\$1,109,690,103	\$938,253,262	18,033
Miscellaneous Services	\$1,191,129,105	\$536,092,698	\$464,747,707	12,916
Households	\$45,393,263	\$45,393,263	\$44,432,740	3,573
Total	\$40,901,334,005	\$19,122,826,093	\$11,385,678,576	226,964

Note: All monetary values are in constant 2005 dollars.

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

Table R.5
The Potential Impact of Enhanced Intracorridor Trade Stemming from Development of the Entire TTC Conceptual Plan on Business Activity in Texas Under a 1% "Value Capture" Scenario (As of 2030)—Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$5,060,996,704	\$1,383,323,895	\$886,123,607	16,470
Forestry & Fishery Products	\$217,082,090	\$115,355,554	\$40,240,478	608
Coal Mining	\$569,058,033	\$163,100,109	\$161,653,907	1,274
Crude Petroleum & Natural Gas	\$8,574,905,078	\$1,880,024,373	\$815,529,102	4,659
Miscellaneous Mining	\$347,939,245	\$147,694,702	\$81,661,007	1,054
New Construction	\$2,207,419,918	\$953,730,763	\$739,219,895	12,130
Maintenance & Repair Construction	\$6,364,772,885	\$3,375,689,294	\$2,616,437,236	42,935
Food Products & Tobacco	\$8,796,471,786	\$2,221,176,143	\$1,067,240,592	20,752
Textile Mill Products	\$152,407,285	\$36,800,927	\$29,286,321	780
Apparel	\$1,571,295,197	\$871,522,270	\$415,365,383	13,171
Paper & Allied Products	\$1,845,654,373	\$837,274,427	\$356,027,126	6,293
Printing & Publishing	\$2,803,099,697	\$1,413,584,721	\$867,837,235	17,137
Chemicals & Petroleum Refining	\$17,406,254,798	\$3,619,746,958	\$1,598,657,149	13,755
Rubber & Leather Products	\$2,074,574,442	\$874,717,641	\$480,962,373	11,147
Lumber Products & Furniture	\$957,439,870	\$333,885,663	\$223,893,514	5,418
Stone, Clay, & Glass Products	\$1,310,737,366	\$679,435,203	\$334,226,617	6,338
Primary Metal	\$1,512,362,366	\$413,455,843	\$289,464,135	5,067
Fabricated Metal Products	\$2,845,066,808	\$1,085,523,841	\$659,161,108	13,135
Machinery, Except Electrical	\$2,605,041,529	\$1,057,525,325	\$710,595,699	8,803
Electric & Electronic Equipment	\$3,176,929,348	\$1,859,829,522	\$1,045,783,003	10,105
Motor Vehicles & Equipment	\$1,887,874,780	\$454,562,986	\$277,761,358	4,574
Transp. Equip., Exc. Motor Vehicles	\$806,392,925	\$395,735,078	\$243,228,469	3,385
Instruments & Related Products	\$349,877,139	\$149,097,901	\$106,592,095	1,588
Miscellaneous Manufacturing	\$691,898,747	\$270,974,414	\$175,785,715	3,247
Transportation	\$9,462,568,473	\$6,199,066,292	\$3,856,158,262	62,021
Communication	\$7,931,993,528	\$4,855,064,069	\$1,949,582,404	20,060
Electric, Gas, Water, Sanitary Services	\$16,550,057,956	\$3,698,401,128	\$1,517,958,935	7,481
Wholesale Trade	\$11,000,187,133	\$7,442,095,550	\$4,036,123,118	52,519
Retail Trade	\$21,768,120,366	\$18,035,838,389	\$10,143,833,538	309,425
Finance	\$7,118,573,205	\$4,012,628,039	\$2,197,686,186	22,733
Insurance	\$4,787,289,935	\$3,072,274,596	\$1,727,556,929	24,177
Real Estate	\$39,231,838,582	\$10,884,119,993	\$1,649,434,743	17,035
Hotels, Lodging Places, Amusements	\$3,339,416,736	\$1,679,819,696	\$1,036,518,886	29,390
Personal Services	\$3,826,241,615	\$2,348,209,209	\$1,718,356,326	33,695
Business Services	\$16,443,132,910	\$10,658,481,511	\$8,177,808,061	115,785
Eating & Drinking Places	\$9,797,766,386	\$5,736,696,725	\$2,870,813,082	151,019
Health Services	\$9,453,833,795	\$6,530,762,180	\$5,193,618,630	99,820
Miscellaneous Services	\$6,873,484,640	\$3,085,331,685	\$2,515,747,449	69,919
Households	\$267,219,393	\$267,219,393	\$246,018,337	19,784
Total	\$241,987,277,064	\$113,099,776,010	\$63,059,948,010	1,258,684

Note: All monetary values are in constant 2005 dollars.

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

APPENDIX S

**Potential Impact of Economic
Development/External Trade Benefits**

Table S.1
The Potential Impact of Enhanced Economic Development/External Trade
Stemming from TTC-35 on Business Activity in the TTC-35 Study Area* Under
a 1% Incremental Gain in Statewide "Market Share" Scenario (As of 2030)
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$667,137,462	\$238,824,727	\$130,382,405	6,671
Forestry & Fishery Products	\$15,475,922	\$1,554,406	\$413,362	14
Coal Mining	\$153,747,226	\$28,439,453	\$41,770,294	759
Crude Petroleum & Natural Gas	\$12,123,748,014	\$2,934,804,016	\$1,204,440,801	2,297
Miscellaneous Mining	\$368,990,467	\$127,998,446	\$96,781,183	1,806
New Construction	\$6,525,325,325	\$2,410,894,067	\$1,990,828,935	27,162
Maintenance & Repair Construction	\$3,260,257,606	\$1,741,571,234	\$1,362,606,101	17,614
Food Products & Tobacco	\$6,645,074,041	\$1,418,295,029	\$739,663,685	12,917
Textile Mill Products	\$178,382,392	\$38,295,804	\$36,710,410	741
Apparel	\$526,225,283	\$253,137,341	\$140,386,361	2,646
Paper & Allied Products	\$1,560,089,737	\$534,851,054	\$311,588,018	2,965
Printing & Publishing	\$3,496,766,976	\$1,885,373,417	\$1,133,966,055	16,257
Chemicals & Petroleum Refining	\$10,786,090,238	\$1,806,015,768	\$797,273,639	2,496
Rubber & Leather Products	\$3,162,657,255	\$1,169,670,040	\$786,062,765	6,147
Lumber Products & Furniture	\$1,106,066,077	\$370,519,429	\$285,335,461	4,837
Stone, Clay, & Glass Products	\$1,510,670,673	\$669,039,217	\$405,301,264	4,264
Primary Metal	\$1,094,309,545	\$285,599,231	\$247,280,389	3,517
Fabricated Metal Products	\$2,218,550,400	\$898,084,344	\$613,976,977	6,521
Machinery, Except Electrical	\$4,538,650,532	\$1,451,961,691	\$1,310,413,706	17,856
Electric & Electronic Equipment	\$8,624,395,166	\$4,206,321,276	\$3,013,517,323	30,090
Motor Vehicles & Equipment	\$5,489,194,968	\$1,603,217,736	\$976,506,691	4,983
Transp. Equip., Exc. Motor Vehicles	\$2,242,616,676	\$1,054,044,068	\$702,693,285	8,152
Instruments & Related Products	\$526,717,861	\$151,296,897	\$176,377,496	1,837
Miscellaneous Manufacturing	\$929,318,902	\$236,861,076	\$220,919,056	1,989
Transportation	\$9,993,614,037	\$5,146,030,657	\$3,691,445,681	39,578
Communication	\$14,463,874,228	\$9,197,118,140	\$4,324,739,583	40,371
Electric, Gas, Water, Sanitary Services	\$8,606,795,490	\$1,541,233,861	\$741,544,492	1,676
Wholesale Trade	\$13,320,494,534	\$9,106,881,918	\$5,536,673,675	56,598
Retail Trade	\$14,368,018,941	\$11,297,665,131	\$7,066,486,084	154,347
Finance	\$14,128,862,337	\$8,018,752,905	\$5,923,504,971	39,969
Insurance	\$3,894,346,990	\$2,921,677,280	\$1,819,870,534	17,161
Real Estate	\$59,436,427,118	\$17,511,661,285	\$2,963,756,166	18,676
Hotels, Lodging Places, Amusements	\$5,161,991,435	\$2,232,565,663	\$1,589,644,147	30,090
Personal Services	\$786,199,795	\$460,632,806	\$383,885,752	8,902
Business Services	\$26,876,526,787	\$17,037,245,994	\$15,354,556,436	184,620
Eating & Drinking Places	\$4,886,862,336	\$2,686,732,268	\$1,544,735,751	92,995
Health Services	\$11,932,512,187	\$8,490,470,554	\$7,251,745,143	101,950
Miscellaneous Services	\$5,178,245,932	\$2,386,150,503	\$2,104,791,364	56,104
Households	\$263,251,843	\$263,251,843	\$241,540,724	22,579
Total	\$271,048,482,736	\$123,814,740,576	\$77,264,116,165	1,050,155

*The TTC-35 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 S.2
The Potential Impact of Enhanced Economic Development/External Trade
Stemming from TTC-35 on Business Activity in Texas Under
a 1% Incremental Gain in Statewide "Market Share" Scenario (As of 2030)
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$1,141,094,425	\$408,493,871	\$223,010,464	11,410
Forestry & Fishery Products	\$71,209,145	\$7,152,266	\$1,901,996	65
Coal Mining	\$153,747,226	\$28,439,453	\$41,770,294	759
Crude Petroleum & Natural Gas	\$24,467,016,535	\$5,922,747,512	\$2,430,689,995	4,635
Miscellaneous Mining	\$368,990,467	\$127,998,446	\$96,781,183	1,806
New Construction	\$6,525,325,325	\$2,410,894,067	\$1,990,828,935	27,162
Maintenance & Repair Construction	\$3,260,257,606	\$1,741,571,234	\$1,362,606,101	17,614
Food Products & Tobacco	\$6,645,074,041	\$1,418,295,029	\$739,663,685	12,917
Textile Mill Products	\$178,382,392	\$38,295,804	\$36,710,410	741
Apparel	\$526,225,283	\$253,137,341	\$140,386,361	2,646
Paper & Allied Products	\$1,560,089,737	\$534,851,054	\$311,588,018	2,965
Printing & Publishing	\$3,496,766,976	\$1,885,373,417	\$1,133,966,055	16,257
Chemicals & Petroleum Refining	\$20,458,769,241	\$3,425,602,700	\$1,512,247,445	4,734
Rubber & Leather Products	\$3,162,657,255	\$1,169,670,040	\$786,062,765	6,147
Lumber Products & Furniture	\$1,106,066,077	\$370,519,429	\$285,335,461	4,837
Stone, Clay, & Glass Products	\$1,510,670,673	\$669,039,217	\$405,301,264	4,264
Primary Metal	\$1,094,309,545	\$285,599,231	\$247,280,389	3,517
Fabricated Metal Products	\$2,654,233,239	\$1,074,451,732	\$734,550,858	7,802
Machinery, Except Electrical	\$4,654,697,611	\$1,489,086,363	\$1,343,919,190	18,312
Electric & Electronic Equipment	\$8,624,395,166	\$4,206,321,276	\$3,013,517,323	30,090
Motor Vehicles & Equipment	\$5,489,194,968	\$1,603,217,736	\$976,506,691	4,983
Transp. Equip., Exc. Motor Vehicles	\$2,242,616,676	\$1,054,044,068	\$702,693,285	8,152
Instruments & Related Products	\$526,717,861	\$151,296,897	\$176,377,496	1,837
Miscellaneous Manufacturing	\$929,318,902	\$236,861,076	\$220,919,056	1,989
Transportation	\$9,993,614,037	\$5,146,030,657	\$3,691,445,681	39,578
Communication	\$14,463,874,228	\$9,197,118,140	\$4,324,739,583	40,371
Electric, Gas, Water, Sanitary Services	\$12,467,561,982	\$2,232,588,042	\$1,074,180,503	2,427
Wholesale Trade	\$13,320,494,534	\$9,106,881,918	\$5,536,673,675	56,598
Retail Trade	\$14,368,018,941	\$11,297,665,131	\$7,066,486,084	154,347
Finance	\$14,128,862,337	\$8,018,752,905	\$5,923,504,971	39,969
Insurance	\$3,894,346,990	\$2,921,677,280	\$1,819,870,534	17,161
Real Estate	\$59,436,427,118	\$17,511,661,285	\$2,963,756,166	18,676
Hotels, Lodging Places, Amusements	\$5,161,991,435	\$2,232,565,663	\$1,589,644,147	30,090
Personal Services	\$786,199,795	\$460,632,806	\$383,885,752	8,902
Business Services	\$26,876,526,787	\$17,037,245,994	\$15,354,556,436	184,620
Eating & Drinking Places	\$4,886,862,336	\$2,686,732,268	\$1,544,735,751	92,995
Health Services	\$11,932,512,187	\$8,490,470,554	\$7,251,745,143	101,950
Miscellaneous Services	\$5,178,245,932	\$2,386,150,503	\$2,104,791,364	56,104
Households	\$263,251,843	\$263,251,843	\$241,540,724	22,579
Total	\$298,006,616,857	\$129,502,384,249	\$79,786,171,236	1,062,011

Note: All monetary values are in constant 2005 dollars.

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

Table S.3
The Potential Impact of Enhanced Economic Development/External Trade
Stemming from TTC-69 on Business Activity in the TTC-69 Study Area* Under
a 1% Incremental Gain in Statewide "Market Share" Scenario (As of 2030)
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$325,909,554	\$116,670,498	\$63,694,327	3,259
Forestry & Fishery Products	\$308,286,495	\$30,964,379	\$8,234,333	281
Coal Mining	\$35,375,617	\$6,543,619	\$9,610,905	175
Crude Petroleum & Natural Gas	\$61,126,897,933	\$14,797,030,204	\$6,072,687,244	11,581
Miscellaneous Mining	\$108,337,500	\$37,581,002	\$28,415,453	530
New Construction	\$3,903,643,669	\$1,442,268,530	\$1,190,973,075	16,249
Maintenance & Repair Construction	\$2,119,542,233	\$1,132,221,507	\$885,850,606	11,451
Food Products & Tobacco	\$1,044,303,039	\$222,891,393	\$116,241,449	2,030
Textile Mill Products	\$2,668,749	\$572,937	\$549,218	11
Apparel	\$40,509,315	\$19,486,749	\$10,807,073	204
Paper & Allied Products	\$232,962,998	\$79,867,524	\$46,528,400	443
Printing & Publishing	\$366,309,678	\$197,505,448	\$118,790,512	1,703
Chemicals & Petroleum Refining	\$34,412,555,513	\$5,762,015,383	\$2,543,667,146	7,963
Rubber & Leather Products	\$630,015,671	\$233,003,577	\$156,587,268	1,225
Lumber Products & Furniture	\$366,031,642	\$122,616,395	\$94,426,372	1,601
Stone, Clay, & Glass Products	\$330,464,259	\$146,354,565	\$88,661,006	933
Primary Metal	\$242,837,400	\$63,377,109	\$54,873,803	780
Fabricated Metal Products	\$2,571,257,824	\$1,040,862,717	\$711,587,668	7,558
Machinery, Except Electrical	\$2,744,781,876	\$878,084,379	\$792,482,207	10,798
Electric & Electronic Equipment	\$894,974,806	\$436,500,357	\$312,720,142	3,123
Motor Vehicles & Equipment	\$358,395,483	\$104,675,822	\$63,757,179	325
Transp. Equip., Exc. Motor Vehicles	\$92,322,735	\$43,392,271	\$28,928,067	336
Instruments & Related Products	\$101,691,385	\$29,210,308	\$34,052,523	355
Miscellaneous Manufacturing	\$286,796,289	\$73,097,488	\$68,177,636	614
Transportation	\$6,811,145,208	\$3,507,275,938	\$2,515,903,903	26,974
Communication	\$1,554,404,378	\$988,396,364	\$464,771,335	4,339
Electric, Gas, Water, Sanitary Services	\$21,390,836,846	\$3,830,494,416	\$1,842,992,232	4,165
Wholesale Trade	\$5,174,407,168	\$3,537,610,031	\$2,150,746,271	21,986
Retail Trade	\$5,203,456,484	\$4,091,511,093	\$2,559,166,506	55,898
Finance	\$4,281,962,616	\$2,430,202,754	\$1,795,206,595	12,113
Insurance	\$833,264,380	\$625,144,501	\$389,393,471	3,672
Real Estate	\$20,309,027,576	\$5,983,616,936	\$1,012,695,558	6,382
Hotels, Lodging Places, Amusements	\$1,097,915,742	\$474,849,487	\$338,105,042	6,400
Personal Services	\$338,614,498	\$198,393,522	\$165,338,737	3,834
Business Services	\$13,714,729,066	\$8,693,876,805	\$7,835,223,023	94,209
Eating & Drinking Places	\$1,554,463,833	\$854,623,652	\$491,365,562	29,581
Health Services	\$4,381,389,990	\$3,117,538,211	\$2,662,701,960	37,434
Miscellaneous Services	\$2,204,607,533	\$1,015,889,443	\$896,102,456	23,886
Households	\$121,431,123	\$121,431,123	\$111,416,357	10,415
Total	\$201,618,528,103	\$66,487,648,441	\$38,733,432,621	424,813

*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 S.4
The Potential Impact of Enhanced Economic Development/External Trade
Stemming from TTC-69 on Business Activity in Texas Under
a 1% Incremental Gain in Statewide "Market Share" Scenario (As of 2030)
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$716,469,055	\$256,484,662	\$140,023,554	7,164
Forestry & Fishery Products	\$308,286,495	\$30,964,379	\$8,234,333	281
Coal Mining	\$65,771,302	\$12,166,072	\$17,868,853	325
Crude Petroleum & Natural Gas	\$61,126,897,933	\$14,797,030,204	\$6,072,687,244	11,581
Miscellaneous Mining	\$157,849,895	\$54,756,269	\$41,401,881	772
New Construction	\$4,378,920,638	\$1,617,867,809	\$1,335,976,595	18,227
Maintenance & Repair Construction	\$2,187,846,369	\$1,168,708,354	\$914,397,931	11,820
Food Products & Tobacco	\$1,909,783,541	\$407,615,699	\$212,578,148	3,712
Textile Mill Products	\$15,306,892	\$3,286,141	\$3,150,099	64
Apparel	\$99,833,089	\$48,024,075	\$26,633,468	502
Paper & Allied Products	\$431,496,893	\$147,931,598	\$86,180,467	820
Printing & Publishing	\$766,920,105	\$413,505,043	\$248,704,410	3,566
Chemicals & Petroleum Refining	\$34,412,555,513	\$5,762,015,383	\$2,543,667,146	7,963
Rubber & Leather Products	\$1,022,003,572	\$377,975,501	\$254,013,916	1,986
Lumber Products & Furniture	\$529,324,734	\$177,317,705	\$136,551,622	2,315
Stone, Clay, & Glass Products	\$553,466,711	\$245,116,915	\$148,490,840	1,562
Primary Metal	\$427,259,152	\$111,508,563	\$96,547,462	1,373
Fabricated Metal Products	\$2,571,257,824	\$1,040,862,717	\$711,587,668	7,558
Machinery, Except Electrical	\$3,076,015,101	\$984,049,346	\$888,116,924	12,101
Electric & Electronic Equipment	\$1,838,523,265	\$896,691,232	\$642,412,784	6,415
Motor Vehicles & Equipment	\$981,334,048	\$286,616,190	\$174,575,556	891
Transp. Equip., Exc. Motor Vehicles	\$296,701,184	\$139,451,439	\$92,967,261	1,079
Instruments & Related Products	\$192,470,364	\$55,286,086	\$64,450,901	671
Miscellaneous Manufacturing	\$339,586,637	\$86,552,480	\$80,727,035	727
Transportation	\$6,811,145,208	\$3,507,275,938	\$2,515,903,903	26,974
Communication	\$3,268,889,145	\$2,078,582,763	\$977,407,163	9,124
Electric, Gas, Water, Sanitary Services	\$21,390,836,846	\$3,830,494,416	\$1,842,992,232	4,165
Wholesale Trade	\$6,568,270,235	\$4,490,558,611	\$2,730,106,514	27,908
Retail Trade	\$6,914,600,559	\$5,436,994,617	\$3,400,742,220	74,279
Finance	\$5,948,820,680	\$3,376,218,266	\$2,494,034,412	16,828
Insurance	\$1,339,579,857	\$1,005,000,336	\$626,000,178	5,903
Real Estate	\$27,044,747,922	\$7,968,151,656	\$1,348,567,575	8,498
Hotels, Lodging Places, Amusements	\$1,724,871,005	\$746,008,169	\$531,176,995	10,054
Personal Services	\$423,145,095	\$247,919,821	\$206,613,350	4,791
Business Services	\$15,025,619,125	\$9,524,860,532	\$8,584,134,352	103,214
Eating & Drinking Places	\$2,093,990,487	\$1,151,248,270	\$661,909,779	39,848
Health Services	\$5,549,599,007	\$3,948,766,716	\$3,372,657,577	47,415
Miscellaneous Services	\$2,694,148,473	\$1,241,471,305	\$1,095,085,192	29,190
Households	\$263,251,843	\$263,251,843	\$241,540,724	22,579
Total	\$225,467,395,800	\$77,938,587,124	\$45,570,818,264	534,248

Note: All monetary values are in constant 2005 dollars.

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

Table S.5
The Potential Impact of Enhanced Economic Development/External Trade
Stemming from Development of the Entire TTC Conceptual Plan on Business
Activity in Texas Under a 1% Incremental Gain in Statewide "Market Share"
Scenario (As of 2030)—Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	\$9,685,074,948	\$3,681,071,525	\$1,975,067,606	54,343
Forestry & Fishery Products	\$1,635,125,454	\$162,835,950	\$40,547,759	745
Coal Mining	\$603,631,868	\$134,289,889	\$153,723,998	1,502
Crude Petroleum & Natural Gas	\$239,113,379,369	\$57,882,340,121	\$22,266,999,555	22,837
Miscellaneous Mining	\$1,448,705,195	\$473,654,632	\$356,733,808	3,579
New Construction	\$27,343,917,953	\$10,801,703,322	\$8,185,666,202	60,061
Maintenance & Repair Construction	\$13,661,880,755	\$7,180,144,770	\$5,441,203,727	37,827
Food Products & Tobacco	\$22,063,251,999	\$4,658,986,549	\$2,322,567,108	21,813
Textile Mill Products	\$560,280,131	\$128,949,465	\$107,169,280	1,163
Apparel	\$1,598,241,156	\$759,880,672	\$399,365,761	4,049
Paper & Allied Products	\$5,120,427,102	\$1,756,208,463	\$959,032,276	4,908
Printing & Publishing	\$10,105,686,096	\$5,446,235,140	\$3,070,494,529	23,674
Chemicals & Petroleum Refining	\$158,811,748,864	\$28,330,375,961	\$11,818,607,656	19,897
Rubber & Leather Products	\$10,392,037,025	\$3,804,409,489	\$2,404,764,162	10,114
Lumber Products & Furniture	\$4,367,562,005	\$1,516,005,638	\$1,036,618,873	9,451
Stone, Clay, & Glass Products	\$5,673,943,794	\$2,510,091,256	\$1,425,361,943	8,065
Primary Metal	\$4,630,964,363	\$1,199,591,113	\$973,587,849	7,446
Fabricated Metal Products	\$14,786,034,337	\$6,012,680,240	\$3,853,118,218	22,010
Machinery, Except Electrical	\$19,595,832,751	\$7,014,841,354	\$5,423,288,573	39,741
Electric & Electronic Equipment	\$24,732,905,704	\$11,252,845,804	\$8,080,404,213	43,390
Motor Vehicles & Equipment	\$16,751,578,268	\$4,798,486,519	\$2,739,657,413	7,518
Transp. Equip., Exc. Motor Vehicles	\$5,828,773,309	\$2,740,203,623	\$1,712,376,017	10,684
Instruments & Related Products	\$1,800,924,645	\$639,800,780	\$568,136,357	3,182
Miscellaneous Manufacturing	\$3,177,475,905	\$626,622,237	\$716,547,079	3,469
Transportation	\$41,212,604,214	\$20,995,723,598	\$14,271,626,251	82,289
Communication	\$43,160,761,412	\$27,440,014,438	\$12,094,886,489	60,719
Electric, Gas, Water, Sanitary Services	\$86,148,171,097	\$15,495,001,302	\$6,988,268,026	8,493
Wholesale Trade	\$48,754,177,148	\$33,331,985,773	\$18,995,453,873	104,427
Retail Trade	\$53,948,916,545	\$42,420,377,910	\$24,871,307,016	292,150
Finance	\$48,431,982,452	\$28,477,442,955	\$18,710,068,641	67,894
Insurance	\$12,511,756,493	\$9,581,700,924	\$5,334,793,738	27,053
Real Estate	\$213,294,983,057	\$62,842,766,267	\$9,969,644,702	33,787
Hotels, Lodging Places, Amusements	\$16,490,088,626	\$7,019,655,007	\$4,773,833,876	48,596
Personal Services	\$3,075,609,358	\$1,897,003,351	\$1,428,640,799	17,817
Business Services	\$101,701,972,097	\$64,117,849,932	\$54,453,945,769	352,114
Eating & Drinking Places	\$17,297,627,462	\$9,510,006,762	\$5,125,307,157	165,935
Health Services	\$43,028,835,535	\$30,667,749,494	\$24,552,851,941	185,635
Miscellaneous Services	\$19,540,533,783	\$9,202,659,916	\$7,706,240,853	110,468
Households	\$1,026,414,606	\$1,026,414,606	\$885,787,575	44,531
Total	\$1,353,113,816,878	\$527,538,606,748	\$296,193,696,668	2,023,376

Note: All monetary values are in constant 2005 dollars.

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

APPENDIX T

Potential Impact of Lost Agricultural Production

Table T.1
The Potential Impact of Foregone Agricultural Production Due to Using Land
for TTC-35 Development on Business Activity in the TTC-35 Study Area*
(Based on 2030 Projected Production Levels)
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	(\$36,378,175)	(\$9,715,803)	(\$6,617,000)	-123
Forestry & Fishery Products	(\$16,070)	(\$13,969)	(\$5,181)	0
Coal Mining	(\$91,474)	(\$26,691)	(\$28,126)	0
Crude Petroleum & Natural Gas	(\$603,721)	(\$132,031)	(\$60,894)	0
Miscellaneous Mining	(\$155,554)	(\$58,535)	(\$34,406)	0
New Construction	\$0	\$0	\$0	0
Maintenance & Repair Construction	(\$1,402,184)	(\$706,143)	(\$581,908)	-9
Food Products & Tobacco	(\$6,444,528)	(\$1,066,164)	(\$544,648)	-11
Textile Mill Products	(\$37,987)	(\$9,850)	(\$8,335)	0
Apparel	(\$457,836)	(\$253,404)	(\$128,405)	-4
Paper & Allied Products	(\$377,150)	(\$168,781)	(\$76,306)	-1
Printing & Publishing	(\$479,629)	(\$239,187)	(\$156,126)	-3
Chemicals & Petroleum Refining	(\$2,094,893)	(\$386,045)	(\$181,269)	-1
Rubber & Leather Products	(\$418,741)	(\$176,653)	(\$103,269)	-2
Lumber Products & Furniture	(\$148,309)	(\$51,196)	(\$36,498)	-1
Stone, Clay, & Glass Products	(\$173,991)	(\$93,209)	(\$48,749)	-1
Primary Metal	(\$157,109)	(\$43,675)	(\$32,510)	0
Fabricated Metal Products	(\$283,242)	(\$104,728)	(\$67,612)	-1
Machinery, Except Electrical	(\$255,801)	(\$104,712)	(\$74,807)	-1
Electric & Electronic Equipment	(\$264,508)	(\$128,109)	(\$76,589)	0
Motor Vehicles & Equipment	(\$160,550)	(\$35,585)	(\$23,119)	0
Transp. Equip., Exc. Motor Vehicles	(\$83,211)	(\$35,193)	(\$22,993)	0
Instruments & Related Products	(\$48,687)	(\$21,326)	(\$16,208)	0
Miscellaneous Manufacturing	(\$123,268)	(\$48,447)	(\$33,416)	0
Transportation	(\$2,611,580)	(\$1,708,292)	(\$1,129,800)	-18
Communication	(\$1,249,507)	(\$771,315)	(\$329,296)	-3
Electric, Gas, Water, Sanitary Services	(\$2,251,594)	(\$516,833)	(\$225,533)	-1
Wholesale Trade	(\$3,879,290)	(\$2,625,909)	(\$1,514,121)	-20
Retail Trade	(\$5,549,276)	(\$4,597,208)	(\$2,748,984)	-84
Finance	(\$1,173,990)	(\$647,795)	(\$377,215)	-4
Insurance	(\$1,318,157)	(\$788,200)	(\$471,217)	-6
Real Estate	(\$8,234,640)	(\$1,765,914)	(\$284,528)	-3
Hotels, Lodging Places, Amusements	(\$552,949)	(\$287,726)	(\$188,757)	-5
Personal Services	(\$1,070,995)	(\$657,816)	(\$511,791)	-10
Business Services	(\$2,231,860)	(\$1,319,148)	(\$1,076,091)	-15
Eating & Drinking Places	(\$2,511,375)	(\$1,469,532)	(\$781,870)	-41
Health Services	(\$2,040,551)	(\$1,422,414)	(\$1,202,665)	-23
Miscellaneous Services	(\$1,713,718)	(\$709,851)	(\$615,380)	-17
Households	(\$77,047)	(\$77,047)	(\$75,414)	-6
Total	(\$87,123,147)	(\$32,984,436)	(\$20,491,036)	-416

*The TTC-35 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 T.2
The Potential Impact of Foregone Agricultural Production Due to Using Land
for TTC-35 Development on Business Activity in Texas
(Based on 2030 Projected Productions Levels)
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	(\$40,979,547)	(\$10,673,782)	(\$7,269,438)	-135
Forestry & Fishery Products	(\$28,038)	(\$24,479)	(\$9,077)	0
Coal Mining	(\$117,781)	(\$34,357)	(\$36,207)	0
Crude Petroleum & Natural Gas	(\$1,201,529)	(\$262,765)	(\$121,184)	0
Miscellaneous Mining	(\$155,989)	(\$58,723)	(\$34,518)	0
New Construction	\$0	\$0	\$0	0
Maintenance & Repair Construction	(\$1,524,294)	(\$767,927)	(\$632,823)	-10
Food Products & Tobacco	(\$6,530,107)	(\$1,085,002)	(\$554,273)	-11
Textile Mill Products	(\$38,662)	(\$10,006)	(\$8,465)	0
Apparel	(\$467,139)	(\$258,548)	(\$131,010)	-4
Paper & Allied Products	(\$391,936)	(\$175,360)	(\$79,278)	-1
Printing & Publishing	(\$490,959)	(\$244,921)	(\$159,870)	-3
Chemicals & Petroleum Refining	(\$5,490,953)	(\$1,010,478)	(\$474,476)	-4
Rubber & Leather Products	(\$424,890)	(\$179,298)	(\$104,813)	-2
Lumber Products & Furniture	(\$150,852)	(\$52,087)	(\$37,136)	-1
Stone, Clay, & Glass Products	(\$177,293)	(\$95,039)	(\$49,704)	-1
Primary Metal	(\$173,921)	(\$48,344)	(\$35,983)	0
Fabricated Metal Products	(\$365,017)	(\$134,890)	(\$87,088)	-1
Machinery, Except Electrical	(\$273,731)	(\$112,016)	(\$80,024)	-1
Electric & Electronic Equipment	(\$268,538)	(\$130,229)	(\$77,858)	0
Motor Vehicles & Equipment	(\$163,793)	(\$36,316)	(\$23,596)	0
Transp. Equip., Exc. Motor Vehicles	(\$84,622)	(\$35,795)	(\$23,391)	0
Instruments & Related Products	(\$49,823)	(\$21,793)	(\$16,561)	0
Miscellaneous Manufacturing	(\$125,866)	(\$49,473)	(\$34,125)	0
Transportation	(\$2,649,762)	(\$1,734,536)	(\$1,147,161)	-18
Communication	(\$1,289,329)	(\$795,920)	(\$339,800)	-3
Electric, Gas, Water, Sanitary Services	(\$3,330,628)	(\$766,441)	(\$334,452)	-2
Wholesale Trade	(\$3,920,274)	(\$2,653,645)	(\$1,530,114)	-20
Retail Trade	(\$5,803,160)	(\$4,807,585)	(\$2,874,783)	-88
Finance	(\$1,191,258)	(\$656,918)	(\$382,525)	-4
Insurance	(\$1,341,882)	(\$802,399)	(\$479,706)	-7
Real Estate	(\$8,471,448)	(\$1,789,173)	(\$288,276)	-3
Hotels, Lodging Places, Amusements	(\$573,096)	(\$298,339)	(\$195,718)	-5
Personal Services	(\$1,166,568)	(\$716,252)	(\$557,254)	-11
Business Services	(\$2,284,833)	(\$1,350,331)	(\$1,101,526)	-16
Eating & Drinking Places	(\$2,621,530)	(\$1,534,044)	(\$816,196)	-43
Health Services	(\$2,121,037)	(\$1,479,262)	(\$1,250,726)	-24
Miscellaneous Services	(\$1,780,575)	(\$736,653)	(\$638,616)	-18
Households	(\$87,445)	(\$87,445)	(\$85,594)	-7
Total	(\$98,308,105)	(\$35,710,571)	(\$22,103,345)	-444

Note: All monetary values are in constant 2005 dollars.

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

Table T.3
The Potential Impact of Foregone Agricultural Production Due to Using Land
for TTC-69 Development on Business Activity in the TTC-69 Study Area*
(Based on 2030 Projected Productions Levels)
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	(\$51,853,567)	(\$13,786,166)	(\$9,389,148)	-175
Forestry & Fishery Products	(\$38,016)	(\$33,000)	(\$12,243)	0
Coal Mining	(\$157,804)	(\$46,050)	(\$48,525)	0
Crude Petroleum & Natural Gas	(\$1,645,418)	(\$359,848)	(\$165,963)	-1
Miscellaneous Mining	(\$163,682)	(\$61,590)	(\$36,207)	0
New Construction	\$0	\$0	\$0	0
Maintenance & Repair Construction	(\$2,069,916)	(\$1,042,301)	(\$858,922)	-14
Food Products & Tobacco	(\$6,269,321)	(\$1,035,864)	(\$529,169)	-10
Textile Mill Products	(\$7,673)	(\$1,990)	(\$1,686)	0
Apparel	(\$413,629)	(\$228,935)	(\$116,004)	-3
Paper & Allied Products	(\$469,086)	(\$209,941)	(\$94,912)	-1
Printing & Publishing	(\$451,524)	(\$225,147)	(\$146,957)	-3
Chemicals & Petroleum Refining	(\$7,591,833)	(\$1,399,572)	(\$657,182)	-6
Rubber & Leather Products	(\$439,803)	(\$185,527)	(\$108,456)	-2
Lumber Products & Furniture	(\$160,875)	(\$55,528)	(\$39,591)	-1
Stone, Clay, & Glass Products	(\$156,882)	(\$84,026)	(\$43,947)	0
Primary Metal	(\$145,305)	(\$40,388)	(\$30,063)	0
Fabricated Metal Products	(\$497,634)	(\$184,026)	(\$118,808)	-2
Machinery, Except Electrical	(\$374,786)	(\$153,429)	(\$109,612)	-1
Electric & Electronic Equipment	(\$76,625)	(\$37,097)	(\$22,178)	0
Motor Vehicles & Equipment	(\$117,693)	(\$26,084)	(\$16,947)	0
Transp. Equip., Exc. Motor Vehicles	(\$53,116)	(\$22,462)	(\$14,679)	0
Instruments & Related Products	(\$39,729)	(\$17,408)	(\$13,231)	0
Miscellaneous Manufacturing	(\$122,388)	(\$48,101)	(\$33,178)	0
Transportation	(\$3,631,633)	(\$2,375,015)	(\$1,570,750)	-25
Communication	(\$1,249,795)	(\$772,155)	(\$329,658)	-3
Electric, Gas, Water, Sanitary Services	(\$4,476,644)	(\$1,031,140)	(\$449,961)	-2
Wholesale Trade	(\$4,559,774)	(\$3,086,534)	(\$1,779,724)	-23
Retail Trade	(\$7,294,159)	(\$6,042,780)	(\$3,613,389)	-110
Finance	(\$1,586,553)	(\$875,609)	(\$509,870)	-5
Insurance	(\$1,401,266)	(\$837,892)	(\$500,925)	-7
Real Estate	(\$10,212,271)	(\$2,126,821)	(\$342,675)	-4
Hotels, Lodging Places, Amusements	(\$693,651)	(\$361,325)	(\$237,040)	-6
Personal Services	(\$1,528,014)	(\$937,356)	(\$729,279)	-14
Business Services	(\$3,095,394)	(\$1,829,601)	(\$1,492,483)	-21
Eating & Drinking Places	(\$3,262,949)	(\$1,909,379)	(\$1,015,891)	-53
Health Services	(\$2,835,412)	(\$1,976,047)	(\$1,670,765)	-32
Miscellaneous Services	(\$2,352,157)	(\$974,432)	(\$844,753)	-23
Households	(\$119,233)	(\$119,233)	(\$116,711)	-9
Total	(\$121,615,210)	(\$44,539,799)	(\$27,811,482)	-560

*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 T.4
The Potential Impact of Foregone Agricultural Production Due to Using Land
for TTC-69 Development on Business Activity in Texas
(Based on 2030 Projected Productions Levels)
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	(\$57,227,221)	(\$14,905,753)	(\$10,151,647)	-189
Forestry & Fishery Products	(\$39,152)	(\$34,186)	(\$12,680)	0
Coal Mining	(\$164,481)	(\$47,979)	(\$50,557)	0
Crude Petroleum & Natural Gas	(\$1,677,916)	(\$366,949)	(\$169,233)	-1
Miscellaneous Mining	(\$217,834)	(\$82,006)	(\$48,206)	0
New Construction	\$0	\$0	\$0	0
Maintenance & Repair Construction	(\$2,128,650)	(\$1,072,398)	(\$883,722)	-14
Food Products & Tobacco	(\$9,119,178)	(\$1,515,189)	(\$774,027)	-15
Textile Mill Products	(\$53,986)	(\$13,972)	(\$11,824)	0
Apparel	(\$652,352)	(\$361,058)	(\$182,951)	-6
Paper & Allied Products	(\$547,332)	(\$244,889)	(\$110,710)	-2
Printing & Publishing	(\$685,613)	(\$342,027)	(\$223,244)	-4
Chemicals & Petroleum Refining	(\$7,668,023)	(\$1,411,112)	(\$662,598)	-6
Rubber & Leather Products	(\$593,353)	(\$250,387)	(\$146,374)	-3
Lumber Products & Furniture	(\$210,663)	(\$72,737)	(\$51,861)	-1
Stone, Clay, & Glass Products	(\$247,586)	(\$132,720)	(\$69,409)	-1
Primary Metal	(\$242,871)	(\$67,508)	(\$50,248)	-1
Fabricated Metal Products	(\$509,737)	(\$188,370)	(\$121,611)	-2
Machinery, Except Electrical	(\$382,266)	(\$156,428)	(\$111,755)	-1
Electric & Electronic Equipment	(\$375,008)	(\$181,868)	(\$108,728)	-1
Motor Vehicles & Equipment	(\$228,734)	(\$50,714)	(\$32,947)	0
Transp. Equip., Exc. Motor Vehicles	(\$118,172)	(\$49,990)	(\$32,666)	0
Instruments & Related Products	(\$69,576)	(\$30,430)	(\$23,126)	0
Miscellaneous Manufacturing	(\$175,767)	(\$69,088)	(\$47,652)	-1
Transportation	(\$3,700,350)	(\$2,422,252)	(\$1,601,991)	-26
Communication	(\$1,800,525)	(\$1,111,486)	(\$474,530)	-5
Electric, Gas, Water, Sanitary Services	(\$4,651,164)	(\$1,070,318)	(\$467,056)	-2
Wholesale Trade	(\$5,474,595)	(\$3,705,772)	(\$2,136,779)	-28
Retail Trade	(\$8,104,013)	(\$6,713,712)	(\$4,014,586)	-122
Finance	(\$1,663,571)	(\$917,375)	(\$534,188)	-5
Insurance	(\$1,873,914)	(\$1,120,539)	(\$669,901)	-9
Real Estate	(\$11,830,233)	(\$2,498,546)	(\$402,569)	-4
Hotels, Lodging Places, Amusements	(\$800,315)	(\$416,622)	(\$273,319)	-8
Personal Services	(\$1,629,093)	(\$1,000,232)	(\$778,196)	-15
Business Services	(\$3,190,727)	(\$1,885,718)	(\$1,538,260)	-22
Eating & Drinking Places	(\$3,660,920)	(\$2,142,267)	(\$1,139,801)	-60
Health Services	(\$2,961,992)	(\$2,065,761)	(\$1,746,621)	-34
Miscellaneous Services	(\$2,486,539)	(\$1,028,724)	(\$891,816)	-25
Households	(\$122,117)	(\$122,117)	(\$119,533)	-10
Total	(\$137,285,539)	(\$49,869,199)	(\$30,866,922)	-623

Note: All monetary values are in constant 2005 dollars.

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

Table T.5
The Potential Impact of Foregone Agricultural Production Due to Using Land
for Development of the Entire TTC Conceptual Plan on Business Activity in
Texas (Based on 2030 Projected Productions Levels)
Detailed Sectoral Results

Sector	Total Expenditures	Gross Product	Personal Income	Employment (Person-Years)
Agricultural Products & Services	(\$162,880,961)	(\$42,424,965)	(\$28,893,756)	-537
Forestry & Fishery Products	(\$111,442)	(\$97,296)	(\$36,078)	0
Coal Mining	(\$468,143)	(\$136,558)	(\$143,912)	-1
Crude Petroleum & Natural Gas	(\$4,775,704)	(\$1,044,409)	(\$481,669)	-2
Miscellaneous Mining	(\$620,008)	(\$233,406)	(\$137,198)	-1
New Construction	\$0	\$0	\$0	0
Maintenance & Repair Construction	(\$6,058,595)	(\$3,052,271)	(\$2,515,275)	-41
Food Products & Tobacco	(\$25,955,145)	(\$4,312,546)	(\$2,203,063)	-42
Textile Mill Products	(\$153,669)	(\$39,771)	(\$33,646)	0
Apparel	(\$1,856,732)	(\$1,027,648)	(\$520,724)	-15
Paper & Allied Products	(\$1,557,824)	(\$697,001)	(\$315,105)	-5
Printing & Publishing	(\$1,951,409)	(\$973,485)	(\$635,434)	-12
Chemicals & Petroleum Refining	(\$21,824,831)	(\$4,016,336)	(\$1,885,895)	-15
Rubber & Leather Products	(\$1,688,806)	(\$712,654)	(\$416,599)	-9
Lumber Products & Furniture	(\$599,590)	(\$207,030)	(\$147,604)	-2
Stone, Clay, & Glass Products	(\$704,685)	(\$377,750)	(\$197,558)	-3
Primary Metal	(\$691,282)	(\$192,152)	(\$143,021)	-2
Fabricated Metal Products	(\$1,450,829)	(\$536,146)	(\$346,148)	-6
Machinery, Except Electrical	(\$1,087,996)	(\$445,229)	(\$318,071)	-3
Electric & Electronic Equipment	(\$1,067,355)	(\$517,620)	(\$309,461)	-2
Motor Vehicles & Equipment	(\$651,026)	(\$144,345)	(\$93,787)	-1
Transp. Equip., Exc. Motor Vehicles	(\$336,346)	(\$142,274)	(\$92,972)	0
Instruments & Related Products	(\$198,031)	(\$86,620)	(\$65,825)	0
Miscellaneous Manufacturing	(\$500,278)	(\$196,640)	(\$135,636)	-2
Transportation	(\$10,531,980)	(\$6,894,241)	(\$4,559,608)	-73
Communication	(\$5,124,682)	(\$3,163,535)	(\$1,350,599)	-13
Electric, Gas, Water, Sanitary Services	(\$13,238,211)	(\$3,046,365)	(\$1,329,343)	-6
Wholesale Trade	(\$15,581,871)	(\$10,547,414)	(\$6,081,728)	-79
Retail Trade	(\$23,065,757)	(\$19,108,656)	(\$11,426,369)	-348
Finance	(\$4,734,880)	(\$2,611,045)	(\$1,520,418)	-15
Insurance	(\$5,333,564)	(\$3,189,287)	(\$1,906,682)	-27
Real Estate	(\$33,671,372)	(\$7,111,407)	(\$1,145,807)	-12
Hotels, Lodging Places, Amusements	(\$2,277,878)	(\$1,185,805)	(\$777,918)	-22
Personal Services	(\$4,636,745)	(\$2,846,879)	(\$2,214,911)	-43
Business Services	(\$9,081,501)	(\$5,367,146)	(\$4,378,223)	-62
Eating & Drinking Places	(\$10,419,767)	(\$6,097,348)	(\$3,244,125)	-170
Health Services	(\$8,430,463)	(\$5,879,607)	(\$4,971,247)	-97
Miscellaneous Services	(\$7,077,232)	(\$2,927,967)	(\$2,538,300)	-71
Households	(\$347,567)	(\$347,567)	(\$340,210)	-28
Total	(\$390,744,158)	(\$141,938,419)	(\$87,853,926)	-1,765

Note: All monetary values are in constant 2005 dollars.

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