

Economic Impact Study of Local Option Gas Tax Projects in Jacksonville, 2021

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Executive Summary

- The proposed projects (72 counts) are expected to generate a total economic impact in Jacksonville MSA of
 - o \$1,600,411,235 in output (in 2021 dollar), and
 - o 7,640 jobs.

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Introduction

The purpose of this study is to assess the economic impact of seventy-two infrastructure and transportation projects on the Joint Project List from the Mayor's Office and the Jacksonville Transportation Authority (JTA). The projects, proposed to be funded by the Local Option Gas Tax (LOGT,) can generate substantial economic benefits in output and employment for the Jacksonville area. The study measures the economic impact of each project in the forms of employment and output for Jacksonville MSA. The estimates provide useful information for cost-benefit analyses of the projects.

Methodology

This study employs the standard Input-Output model based on the IMPLAN 2019 data.¹ The economic impact of each project is calculated in three parts, including direct, indirect, and induced impacts.

The direct impact of a project is the total cost of the project assigned to a sector in IMPLAN 546 Industry Scheme where the nature of the project fits the best. In the cases where a perfectly fitting sector cannot be found in the IMPLAN sector scheme, potentially due to aggregation, a sector with the most similar spending pattern is used. The sectors considered for any direct impact in this study are listed in Table 1. All direct impacts are assumed to take place in Duval County to be consistent with the locations of the projects.

Table 1. IMPLAN 546 Sector Index and Description

IMPLAN 546 Sector Index	Description
30	Other clay, ceramic, refractory minerals mining
49	Water, sewage and other systems
54	Construction of new highways and streets
56	Construction of other new nonresidential structures
60	Maintenance and repair construction of nonresidential structures
62	Maintenance and repair construction of highways, streets, bridges, and tunnels
303	Other communications equipment manufacturing
361	Boat building
392	Wholesale - Motor vehicle and motor vehicle parts and supplies
457	Architectural, engineering, and related services
458	Specialized design services
464	Scientific research and development services
468	Marketing research and all other miscellaneous professional, scientific, and technical services

Source: IMPLAN 546 Industry and Commodity, IMPLAN Group, LLC.

The sector directly impacted by a project will purchase inputs from other sectors. For example, construction of new highway and streets requires inputs such as asphalt, equipment, labor inputs (e.g. engineers, truck drivers,) etc. The outputs and employments resulting from these business-to-business transactions are categorized as indirect impacts of the project. We use the IMPLAN 2019 Social Account Matrix (SAC) data to capture the transactions between industries and institutions within an economy. While the direct impact will take place in Duval County, indirect

¹ IMPLAN 2019 data are used because 2019 is the most recent year before pandemic with data availability.

impacts are calculated for Jacksonville Metropolitan Statistical Area (MSA) which encompasses Baker, Clay, Duval, Nassau, and St. Johns counties.

The labor earnings by employees who are supported by the project, directly or indirectly, will lead to consumption of goods and services in many sectors, such as groceries, haircuts, gasoline, health care, entertainment, real estate, etc. The additional outputs and employments resulting from it is classified as induced impact. Similarly, all induced impacts are calculated for Jacksonville MSA.

The sum of the direct, indirect, and induced impacts is referred to as the total impact. The total impact reflects how an injection into the economy, or the investment of a project in this study, creates a significantly greater impact through the “multiplier effect.” In this study, all impacts are converted to 2021 dollars.

Estimated Economic Impact

We estimate the economic impact of each project separately. Table 2 summarizes the estimated cost, best-fitting IMPLAN sector index, estimated employment impact (in persons), and estimated output impact (in 2021 dollars) for all 72 projects evaluated. The combined impact from the proposed 72 projects amounts to \$1,600,411,235 in output and 7,640 jobs.

Additional details for each project, including the breakdown of the employment and output impacts based on the direct, indirect, and induced classifications, as well as the top 5 sectors impacted, are reported in Appendix I.

Table 2. Summary of Employment and Output Impacts for LOGT projects

Project No.	Roadway Improvement Projects			Estimated Employment Impact	Estimated Output Impact
	LOGT Project	Estimated Cost	Best fitting IMPLAN Sector Index		
1	Merrill Rd and Townsend Blvd Intersection Improvements	\$575,000	54	5.10	\$913,237.84
2	Mickler Road Widening	\$330,000	54	2.93	\$524,119.11
3	Lone Star Road Extension (East of Mill Cove to Trednick Parkway)	\$3,000,000	54	26.63	\$4,764,719.17
4	University Boulevard (Arlington Road to Arlington Expressway) (Complete Street Project) *	\$7,062,000	54	62.69	\$11,216,148.92
5	University Boulevard/Merrill Road Corridor (Complete Street Project) *	\$1,045,000	54	9.28	\$1,659,710.51
6	Traffic Signal Pulaski Rd and Howard Road	\$600,000	303	2.95	\$976,711.26
7	Traffic Signal Airport Center Dr. and Gillespie Ave.	\$700,000	303	3.44	\$1,139,496.48
8	New Berlin Rd (Cedar Point to Staratt/Pulaski Rd Int)	\$40,000,000	457	450.97	\$74,323,895.26
9	Cedar Point/Saw Pit Road (Industrial ReBuild...New Berlin to Shark)	\$17,500,000	54	155.34	\$27,794,195.15
10	Hodges Blvd Intersection Traffic Signals	\$2,200,000	303	10.81	\$3,581,274.64
11	Traffic Signals San Pablo Parkway	\$2,400,000	303	11.79	\$3,906,845.06
12	Belfort Road Widening (Touchton to JT Butler)	\$7,200,000	54	63.91	\$11,435,326.00
13	Southside Boulevard- Southside Blvd/Belfort Road/JTB Trans Imp	\$9,120,000	54	80.96	\$14,484,746.27
14	Palm Avenue Improvements	\$1,500,000	54	13.32	\$2,382,359.58
15	Philips Highway Corridor (Complete Street Project) *	\$4,301,000	54	38.18	\$6,831,019.05

16	Orange Picker / Brady Road	\$4,700,000	54	41.72	\$7,464,726.70
17	Brooklyn Area Drainage and Safety Improvements (adding turn lane to scope for TIAA)	\$1,000,000	457	11.27	\$1,858,097.38
18	Main Street Traffic Calming (1st Street to 12th Street)	\$1,200,000	54	10.65	\$1,905,887.67
19	8th Street (Complete Street Project) *	\$1,963,500	54	17.43	\$3,118,508.70
20	Dunn Avenue Corridor (Complete Street Project) *	\$1,958,000	54	17.38	\$3,109,773.38
21	Lem Turner Road Corridor (Complete Street Project) *	\$4,185,500	54	37.15	\$6,647,577.36
22	Moncrief Rd. and W. 20th St. Road Improvements	\$350,000	54	3.11	\$555,883.90
23	Edgewood Avenue Corridor (Complete Street Project) *	\$12,116,500	54	107.56	\$19,243,906.60
24	Kings Road Corridor (Complete Street Project) *	\$3,542,000	54	31.44	\$5,625,545.10
25	5th Street Bridge Replacement	\$750,000	54	6.66	\$1,191,179.79
26	McCoys Creek Rebuild & Raise Bridge - Stockton	\$1,500,000	62	12.02	\$2,579,257.42
27	McCoys Creek Rebuild & Raise Bridge - King	\$1,500,000	62	12.02	\$2,579,257.42
28	Lenox Avenue (Complete Street Project) *	\$2,315,500	62	18.56	\$3,981,513.70
29	Soutel Drive Road Diet (Formally Road Diet)	\$6,644,500	54	58.98	\$10,553,058.84
30	Firestone Rd - Wheat Rd Intersection Improvements	\$1,000,000	54	8.88	\$1,588,239.72
31	Chaffee Road (Normandy Boulevard to Crystal Springs Road)	\$30,200,000	54	268.08	\$47,964,839.63
32	2nd Avenue North Roadway Safety Improvements	\$5,500,000	54	48.82	\$8,735,318.48
33	Penman Road Complete Streets	\$20,000,000	464	183.48	\$36,878,602.55
34	St. Johns Ave. Traffic Calming	\$250,000	54	2.22	\$397,059.93
35	Apache Ave Curb & Gutter	\$375,000	54	3.33	\$595,589.90
36	Dancy Street Curb & Gutter	\$310,000	54	2.75	\$492,354.31
37	Euclid Street Curb & Gutter	\$200,000	54	1.78	\$317,647.94
38	Park Street/Blanding Boulevard Corridor (Complete Street Project) *	\$3,212,000	54	28.51	\$5,101,425.99
39	Traffic Calming	\$900,000	62	7.21	\$1,547,554.45
40	Cntywd Intersection Imp & Bridge Rehab - Intersections	\$8,500,000	62	68.13	\$14,615,792.03
41	Roadway Resurfacing	\$102,000,000	62	817.59	\$175,389,504.42
42	Cntywd Intersection Imp & Bridge Rehab - Bridges	\$18,000,000	62	144.28	\$30,951,089.01
43	Traffic Signalization - Countywide	\$3,100,000	303	15.23	\$5,046,341.53
44	Traffic Signalization - Enhancements	\$480,000	303	2.36	\$781,369.01
45	Traffic Signalization - Fiber Optic	\$1,500,000	303	7.37	\$2,441,778.16

46	Pavement Markings	\$5,500,000	62	44.09	\$9,457,277.20
47	Roadway Sign Stripe and Signal	\$7,900,000	62	63.32	\$13,584,089.07
48	Railroad Crossings	\$2,825,000	62	22.64	\$4,857,601.47
49	CRISI Grant (CSX/FEC/FDOT/JTA) Grant Match	\$1,000,000	62	8.02	\$1,719,504.95
	Total	\$354,010,500		3072.34	\$598,810,958.01
Drainage Improvement Projects (Support Roadways)					
	LOGT Project	Estimated Cost			
50	Dunn / Caney (Sapp Road Wet Detention)	\$4,065,661	49	26.09	\$7,457,999.92
51	Arlington/Pottsburg (Beach & Southside) Pond	\$5,681,000	49	36.46	\$10,421,158.46
52	Arlington/Pottsburg (Bowden & Belfort) Pond	\$1,930,850	60	14.56	\$3,121,276.54
53	LaSalle Street Pump Station	\$35,200,000	49	225.90	\$64,570,459.03
54	Flynn Road Drainage Improvement	\$200,000	49	1.28	\$366,877.61
55	Silver Street Drainage Improvements	\$1,500,000	49	9.63	\$2,751,582.06
56	Duval Road (Wet Detention Pond)	\$9,530,000	49	61.16	\$17,481,718.03
57	Wills Branch Dredge	\$2,700,000	30	20.39	\$4,590,346.76
58	Willowbranch Bulkhead Replacement	\$7,300,000	49	46.85	\$13,391,032.70
59	Mallory Street Drainage Improvement	\$320,000	49	2.05	\$587,004.17
60	Venetia Drainage Improvements	\$1,400,000	49	8.98	\$2,568,143.26
61	Underdrain Replacements	\$3,500,000	49	22.46	\$6,420,358.14
62	Major Outfall Ditch Restoration/Cleaning	\$15,000,000	49	96.27	\$27,515,820.61
63	Drainage System Rehabilitation - Capital Improvements	\$12,000,000	458	128.62	\$20,309,772.35
64	Drainage System Rehabilitation - Capital Maintenance	\$28,000,000	49	179.69	\$51,362,865.14
65	Stormwater Pump Stations - Capital Maintenance	\$900,000	49	5.78	\$1,650,949.24
	Total	\$129,227,511		886.17	\$234,567,364.02
Transit Projects					
	LOGT Project	Estimated Cost			
66	New Ferry Boat	\$16,186,500	361	105.81	\$26,502,216.58
67	Skyway Rehabilitation & Downtown Service Expansion - Neighborhood Extensions	\$131,890,000	62	1057.18	\$226,785,507.23
68	Skyway Rehabilitation & Downtown Service Expansion - Fleet	\$6,875,000	392	75.64	\$11,741,241.00
69	JRTC Rail Terminal Project Development	\$3,360,500	468	28.53	\$5,890,371.07
70	Northwest Jacksonville Corridor Improvements	\$13,876,500	56	139.88	\$23,791,549.31
71	Countywide Transit Enhancements Improvements	\$34,710,500	56	349.88	\$59,511,877.80

72	Skyway Rehabilitation & Downtown Service Expansion - Capital (Infrastructure, Systems)	\$240,075,000	62	1924.35	\$412,810,149.73
Total		\$446,974,000		3681.27	\$767,032,912.72

Combined Total		\$930,212,011		7639.78	\$1,600,411,234.75
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* Denotes project will be implemented by the Jacksonville Transportation Authority

Appendix I

Project #1 Merrill Rd and Townsend Blvd Intersection Improvements

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	3.38	\$200,944.79	\$336,049.37	\$575,000.00
2 - Indirect	0.69	\$50,686.44	\$98,079.68	\$170,855.79
3 - Induced	1.04	\$54,941.25	\$100,163.64	\$167,382.05
Total	5.10	\$306,572.48	\$534,292.69	\$913,237.84

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	3.38	0.00	0.00	3.38
490 - Hospitals	0.00	0.00	0.07	0.07
510 - Limited-service restaurants	0.00	0.00	0.07	0.07
509 - Full-service restaurants	0.00	0.01	0.06	0.07
472 - Employment services	0.00	0.03	0.02	0.06

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	575,000	0	0	575,000
449 - Owner-occupied dwellings	0	0	19,120	19,120
156 - Asphalt shingle and coating materials manufacturing	0	17,809	20	17,828
396 - Wholesale - Other durable goods merchant wholesalers	0	12,248	910	13,158
490 - Hospitals	0	0	12,900	12,900

Project #2 Mickler Road Widening

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	1.94	\$115,324.84	\$192,863.12	\$330,000.00
2 - Indirect	0.39	\$29,089.61	\$56,289.21	\$98,056.37
3 - Induced	0.60	\$31,531.50	\$57,485.22	\$96,062.74
Total	2.93	\$175,945.95	\$306,637.54	\$524,119.11

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
490 - Hospitals	0.00	0.00	0.04	0.04
510 - Limited-service restaurants	0.00	0.00	0.04	0.04
509 - Full-service restaurants	0.00	0.00	0.03	0.04
472 - Employment services	0.00	0.02	0.01	0.03

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
449 - Owner-occupied dwellings	0	0	10,973	10,973
156 - Asphalt shingle and coating materials manufacturing	0	10,221	11	10,232
396 - Wholesale - Other durable goods merchant wholesalers	0	7,029	522	7,552
490 - Hospitals	0	0	7,403	7,403

Project #3 Lone Star Road Extension (East of Mill Cove to Trednick Parkway)

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	17.61	\$1,048,407.61	\$1,753,301.08	\$3,000,000.00
2 - Indirect	3.58	\$264,451.01	\$511,720.05	\$891,421.52
3 - Induced	5.44	\$286,649.98	\$522,592.89	\$873,297.65
Total	26.63	\$1,599,508.60	\$2,787,614.02	\$4,764,719.17

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	17.61	0.00	0.00	17.61
490 - Hospitals	0.00	0.00	0.38	0.38
510 - Limited-service restaurants	0.00	0.02	0.34	0.36
509 - Full-service restaurants	0.00	0.04	0.31	0.35
472 - Employment services	0.00	0.18	0.13	0.30

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	3,000,000	0	0	3,000,000
449 - Owner-occupied dwellings	0	0	99,756	99,756
156 - Asphalt shingle and coating materials manufacturing	0	92,914	102	93,017
396 - Wholesale - Other durable goods merchant wholesalers	0	63,903	4,750	68,652
490 - Hospitals	0	0	67,302	67,302

Project #4 University Boulevard (Arlington Road to Arlington Expressway) (Complete Street Project) *

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	41.46	\$2,467,951.53	\$4,127,270.74	\$7,062,000.00
2 - Indirect	8.43	\$622,517.67	\$1,204,588.99	\$2,098,406.26
3 - Induced	12.80	\$674,774.06	\$1,230,183.66	\$2,055,742.66
Total	62.69	\$3,765,243.25	\$6,562,043.40	\$11,216,148.92

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	41.46	0.00	0.00	41.46
490 - Hospitals	0.00	0.00	0.89	0.89
510 - Limited-service restaurants	0.00	0.04	0.80	0.84
509 - Full-service restaurants	0.00	0.09	0.74	0.83
472 - Employment services	0.00	0.42	0.30	0.72

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	7,062,000	0	0	7,062,000
449 - Owner-occupied dwellings	0	0	234,826	234,826
156 - Asphalt shingle and coating materials manufacturing	0	218,720	241	218,961
396 - Wholesale - Other durable goods merchant wholesalers	0	150,427	11,181	161,608
490 - Hospitals	0	0	158,429	158,429

Project #5 University Boulevard/Merrill Road Corridor (Complete Street Project) *

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	6.13	\$365,195.32	\$610,733.21	\$1,045,000.00
2 - Indirect	1.25	\$92,117.10	\$178,249.15	\$310,511.83
3 - Induced	1.89	\$99,849.74	\$182,036.52	\$304,198.68
Total	9.28	\$557,162.16	\$971,018.88	\$1,659,710.51

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	6.13	0.00	0.00	6.13
490 - Hospitals	0.00	0.00	0.13	0.13
510 - Limited-service restaurants	0.00	0.01	0.12	0.12
509 - Full-service restaurants	0.00	0.01	0.11	0.12
472 - Employment services	0.00	0.06	0.04	0.11

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	1,045,000	0	0	1,045,000
449 - Owner-occupied dwellings	0	0	34,748	34,748
156 - Asphalt shingle and coating materials manufacturing	0	32,365	36	32,401
396 - Wholesale - Other durable goods merchant wholesalers	0	22,259	1,654	23,914
490 - Hospitals	0	0	23,444	23,444

Project #6 Traffic Signal Pulaski Rd and Howard Road

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	0.93	\$202,706.83	\$338,909.30	\$600,000.00
2 - Indirect	0.88	\$79,633.11	\$112,832.96	\$193,122.09
3 - Induced	1.14	\$60,220.86	\$109,889.48	\$183,589.17
Total	2.95	\$342,560.81	\$561,631.74	\$976,711.26

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	0.93	0.00	0.00	0.93
469 - Management of companies and enterprises	0.00	0.22	0.01	0.23
422 - Warehousing and storage	0.00	0.07	0.01	0.08
490 - Hospitals	0.00	0.00	0.08	0.08
509 - Full-service restaurants	0.00	0.01	0.07	0.08

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	600,000	0	0	600,000
469 - Management of companies and enterprises	0	59,872	3,055	62,927
394 - Wholesale - Household appliances and electrical and electronic goods	0	26,053	563	26,615
449 - Owner-occupied dwellings	0	0	20,914	20,914
490 - Hospitals	0	0	14,093	14,093

Project #7 Traffic Signal Airport Center Dr. and Gillespie Ave.

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	1.08	\$236,491.30	\$395,394.18	\$700,000.00
2 - Indirect	1.02	\$92,905.29	\$131,638.46	\$225,309.11
3 - Induced	1.33	\$70,257.67	\$128,204.39	\$214,187.37
Total	3.44	\$399,654.27	\$655,237.03	\$1,139,496.48

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	1.08	0.00	0.00	1.08
469 - Management of companies and enterprises	0.00	0.26	0.01	0.27
422 - Warehousing and storage	0.00	0.08	0.01	0.10
490 - Hospitals	0.00	0.00	0.09	0.09
509 - Full-service restaurants	0.00	0.01	0.08	0.09

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	700,000	0	0	700,000
469 - Management of companies and enterprises	0	69,850	3,564	73,414
394 - Wholesale - Household appliances and electrical and electronic goods	0	30,395	656	31,051
449 - Owner-occupied dwellings	0	0	24,400	24,400
490 - Hospitals	0	0	16,442	16,442

Project #8 New Berlin Rd (Cedar Point to Staratt/Pulaski Rd Int)

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	232.90	\$20,738,963.90	\$23,574,929.07	\$40,000,000.00
2 - Indirect	107.02	\$6,585,277.07	\$9,525,679.42	\$16,491,885.29
3 - Induced	111.04	\$5,851,601.96	\$10,671,964.73	\$17,832,009.97
Total	450.97	\$33,175,842.93	\$43,772,573.21	\$74,323,895.26

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
457 - Architectural, engineering, and related services	232.90	6.89	0.21	240.01
472 - Employment services	0.00	24.59	2.60	27.19
509 - Full-service restaurants	0.00	5.99	6.42	12.41
447 - Other real estate	0.00	6.56	2.98	9.54
510 - Limited-service restaurants	0.00	1.63	6.96	8.58

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
457 - Architectural, engineering, and related services	40,000,000	1,183,553	36,739	41,220,292
472 - Employment services	0	2,291,150	242,105	2,533,256
447 - Other real estate	0	1,429,172	650,424	2,079,596
449 - Owner-occupied dwellings	0	0	2,034,727	2,034,727
490 - Hospitals	0	0	1,372,097	1,372,097

Project #9 Cedar Point/Saw Pit Road (Industrial ReBuild...New Berlin to Shark)

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	102.73	\$6,115,711.09	\$10,227,589.63	\$17,500,000.00
2 - Indirect	20.88	\$1,542,630.86	\$2,985,033.61	\$5,199,958.88
3 - Induced	31.73	\$1,672,124.90	\$3,048,458.53	\$5,094,236.27
Total	155.34	\$9,330,466.85	\$16,261,081.77	\$27,794,195.15

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	102.73	0.00	0.00	102.73
490 - Hospitals	0.00	0.00	2.21	2.21
510 - Limited-service restaurants	0.00	0.09	1.98	2.08
509 - Full-service restaurants	0.00	0.23	1.83	2.07
472 - Employment services	0.00	1.04	0.74	1.78

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	17,500,000	0	0	17,500,000
449 - Owner-occupied dwellings	0	0	581,911	581,911
156 - Asphalt shingle and coating materials manufacturing	0	542,000	597	542,597
396 - Wholesale - Other durable goods merchant wholesalers	0	372,766	27,706	400,472
490 - Hospitals	0	0	392,595	392,595

Project #10 Hodges Blvd Intersection Traffic Signals

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	3.40	\$743,258.38	\$1,242,667.42	\$2,200,000.00
2 - Indirect	3.22	\$291,988.07	\$413,720.86	\$708,114.33
3 - Induced	4.19	\$220,809.83	\$402,928.09	\$673,160.30
Total	10.81	\$1,256,056.29	\$2,059,316.37	\$3,581,274.64

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	3.40	0.00	0.00	3.40
469 - Management of companies and enterprises	0.00	0.81	0.04	0.85
422 - Warehousing and storage	0.00	0.26	0.04	0.30
490 - Hospitals	0.00	0.00	0.29	0.29
509 - Full-service restaurants	0.00	0.04	0.24	0.28

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	2,200,000	1	0	2,200,001
469 - Management of companies and enterprises	0	219,529	11,202	230,731
394 - Wholesale - Household appliances and electrical and electronic goods	0	95,527	2,063	97,590
449 - Owner-occupied dwellings	0	0	76,685	76,685
490 - Hospitals	0	0	51,674	51,674

Project #11 Traffic Signals San Pablo Parkway

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	3.71	\$810,827.33	\$1,355,637.19	\$2,400,000.00
2 - Indirect	3.51	\$318,532.44	\$451,331.85	\$772,488.37
3 - Induced	4.57	\$240,883.45	\$439,557.92	\$734,356.69
Total	11.79	\$1,370,243.22	\$2,246,526.95	\$3,906,845.06

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	3.71	0.00	0.00	3.71
469 - Management of companies and enterprises	0.00	0.89	0.05	0.93
422 - Warehousing and storage	0.00	0.28	0.05	0.33
490 - Hospitals	0.00	0.00	0.32	0.32
509 - Full-service restaurants	0.00	0.04	0.26	0.31

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	2,400,000	1	0	2,400,001
469 - Management of companies and enterprises	0	239,486	12,220	251,707
394 - Wholesale - Household appliances and electrical and electronic goods	0	104,211	2,250	106,461
449 - Owner-occupied dwellings	0	0	83,656	83,656
490 - Hospitals	0	0	56,371	56,371

Project #12 Belfort Road Widening (Touchton to JT Butler)

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	42.27	\$2,516,178.28	\$4,207,922.59	\$7,200,000.00
2 - Indirect	8.59	\$634,682.41	\$1,228,128.11	\$2,139,411.65
3 - Induced	13.05	\$687,959.96	\$1,254,222.94	\$2,095,914.35
Total	63.91	\$3,838,820.65	\$6,690,273.64	\$11,435,326.00

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	42.27	0.00	0.00	42.27
490 - Hospitals	0.00	0.00	0.91	0.91
510 - Limited-service restaurants	0.00	0.04	0.82	0.85
509 - Full-service restaurants	0.00	0.10	0.75	0.85
472 - Employment services	0.00	0.43	0.31	0.73

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	7,200,000	0	0	7,200,000
449 - Owner-occupied dwellings	0	0	239,415	239,415
156 - Asphalt shingle and coating materials manufacturing	0	222,994	246	223,240
396 - Wholesale - Other durable goods merchant wholesalers	0	153,367	11,399	164,766
490 - Hospitals	0	0	161,525	161,525

Project #13 Southside Boulevard- Southside Blvd/Belfort Road/JTB Trans Imp

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	53.54	\$3,187,159.15	\$5,330,035.28	\$9,120,000.00
2 - Indirect	10.88	\$803,931.06	\$1,555,628.94	\$2,709,921.43
3 - Induced	16.54	\$871,415.95	\$1,588,682.39	\$2,654,824.84
Total	80.96	\$4,862,506.15	\$8,474,346.61	\$14,484,746.27

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	53.54	0.00	0.00	53.54
490 - Hospitals	0.00	0.00	1.15	1.15
510 - Limited-service restaurants	0.00	0.05	1.03	1.08
509 - Full-service restaurants	0.00	0.12	0.96	1.08
472 - Employment services	0.00	0.54	0.39	0.93

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	9,120,000	0	0	9,120,000
449 - Owner-occupied dwellings	0	0	303,259	303,259
156 - Asphalt shingle and coating materials manufacturing	0	282,460	311	282,771
396 - Wholesale - Other durable goods merchant wholesalers	0	194,264	14,439	208,703
490 - Hospitals	0	0	204,598	204,598

Project #14 Palm Avenue Improvements

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	8.81	\$524,203.81	\$876,650.54	\$1,500,000.00
2 - Indirect	1.79	\$132,225.50	\$255,860.02	\$445,710.76
3 - Induced	2.72	\$143,324.99	\$261,296.45	\$436,648.82
Total	13.32	\$799,754.30	\$1,393,807.01	\$2,382,359.58

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	8.81	0.00	0.00	8.81
490 - Hospitals	0.00	0.00	0.19	0.19
510 - Limited-service restaurants	0.00	0.01	0.17	0.18
509 - Full-service restaurants	0.00	0.02	0.16	0.18
472 - Employment services	0.00	0.09	0.06	0.15

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	1,500,000	0	0	1,500,000
449 - Owner-occupied dwellings	0	0	49,878	49,878
156 - Asphalt shingle and coating materials manufacturing	0	46,457	51	46,508
396 - Wholesale - Other durable goods merchant wholesalers	0	31,951	2,375	34,326
490 - Hospitals	0	0	33,651	33,651

Project #15 Philips Highway Corridor (Complete Street Project) *

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	25.25	\$1,503,067.05	\$2,513,649.31	\$4,301,000.00
2 - Indirect	5.13	\$379,134.59	\$733,635.97	\$1,278,001.32
3 - Induced	7.80	\$410,960.53	\$749,224.01	\$1,252,017.72
Total	38.18	\$2,293,162.17	\$3,996,509.30	\$6,831,019.05

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	25.25	0.00	0.00	25.25
490 - Hospitals	0.00	0.00	0.54	0.54
510 - Limited-service restaurants	0.00	0.02	0.49	0.51
509 - Full-service restaurants	0.00	0.06	0.45	0.51
472 - Employment services	0.00	0.25	0.18	0.44

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	4,301,000	0	0	4,301,000
449 - Owner-occupied dwellings	0	0	143,017	143,017
156 - Asphalt shingle and coating materials manufacturing	0	133,208	147	133,355
396 - Wholesale - Other durable goods merchant wholesalers	0	91,615	6,809	98,425
490 - Hospitals	0	0	96,489	96,489

Project #16 Orange Picker / Brady Road

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	27.59	\$1,642,505.26	\$2,746,838.36	\$4,700,000.00
2 - Indirect	5.61	\$414,306.57	\$801,694.74	\$1,396,560.39
3 - Induced	8.52	\$449,084.97	\$818,728.86	\$1,368,166.31
Total	41.72	\$2,505,896.81	\$4,367,261.96	\$7,464,726.70

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	27.59	0.00	0.00	27.59
490 - Hospitals	0.00	0.00	0.59	0.59
510 - Limited-service restaurants	0.00	0.02	0.53	0.56
509 - Full-service restaurants	0.00	0.06	0.49	0.56
472 - Employment services	0.00	0.28	0.20	0.48

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	4,700,000	0	0	4,700,000
449 - Owner-occupied dwellings	0	0	156,285	156,285
156 - Asphalt shingle and coating materials manufacturing	0	145,566	160	145,726
396 - Wholesale - Other durable goods merchant wholesalers	0	100,114	7,441	107,555
490 - Hospitals	0	0	105,440	105,440

Project #17 Brooklyn Area Drainage and Safety Improvements (adding turn lane to scope for TIAA)

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	5.82	\$518,474.10	\$589,373.23	\$1,000,000.00
2 - Indirect	2.68	\$164,631.93	\$238,141.99	\$412,297.13
3 - Induced	2.78	\$146,290.05	\$266,799.12	\$445,800.25
Total	11.27	\$829,396.07	\$1,094,314.33	\$1,858,097.38

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
457 - Architectural, engineering, and related services	5.82	0.17	0.01	6.00
472 - Employment services	0.00	0.61	0.06	0.68
509 - Full-service restaurants	0.00	0.15	0.16	0.31
447 - Other real estate	0.00	0.16	0.07	0.24
510 - Limited-service restaurants	0.00	0.04	0.17	0.21

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
457 - Architectural, engineering, and related services	1,000,000	29,589	918	1,030,507
472 - Employment services	0	57,279	6,053	63,331
447 - Other real estate	0	35,729	16,261	51,990
449 - Owner-occupied dwellings	0	0	50,868	50,868
490 - Hospitals	0	0	34,302	34,302

Project #18 Main Street Traffic Calming (1st Street to 12th Street)

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	7.04	\$419,363.05	\$701,320.43	\$1,200,000.00
2 - Indirect	1.43	\$105,780.40	\$204,688.02	\$356,568.61
3 - Induced	2.18	\$114,659.99	\$209,037.16	\$349,319.06
Total	10.65	\$639,803.44	\$1,115,045.61	\$1,905,887.67

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	7.04	0.00	0.00	7.04
490 - Hospitals	0.00	0.00	0.15	0.15
510 - Limited-service restaurants	0.00	0.01	0.14	0.14
509 - Full-service restaurants	0.00	0.02	0.13	0.14
472 - Employment services	0.00	0.07	0.05	0.12

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	1,200,000	0	0	1,200,000
449 - Owner-occupied dwellings	0	0	39,902	39,902
156 - Asphalt shingle and coating materials manufacturing	0	37,166	41	37,207
396 - Wholesale - Other durable goods merchant wholesalers	0	25,561	1,900	27,461
490 - Hospitals	0	0	26,921	26,921

Project #19 8th Street (Complete Street Project) *

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	11.53	\$686,182.78	\$1,147,535.56	\$1,963,500.00
2 - Indirect	2.34	\$173,083.18	\$334,920.77	\$583,435.39
3 - Induced	3.56	\$187,612.41	\$342,037.05	\$571,573.31
Total	17.43	\$1,046,878.38	\$1,824,493.37	\$3,118,508.70

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	11.53	0.00	0.00	11.53
490 - Hospitals	0.00	0.00	0.25	0.25
510 - Limited-service restaurants	0.00	0.01	0.22	0.23
509 - Full-service restaurants	0.00	0.03	0.21	0.23
472 - Employment services	0.00	0.12	0.08	0.20

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	1,963,500	0	0	1,963,500
449 - Owner-occupied dwellings	0	0	65,290	65,290
156 - Asphalt shingle and coating materials manufacturing	0	60,812	67	60,879
396 - Wholesale - Other durable goods merchant wholesalers	0	41,824	3,109	44,933
490 - Hospitals	0	0	44,049	44,049

Project #20 Dunn Avenue Corridor (Complete Street Project) *

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	11.49	\$684,260.70	\$1,144,321.17	\$1,958,000.00
2 - Indirect	2.34	\$172,598.36	\$333,982.62	\$581,801.11
3 - Induced	3.55	\$187,086.89	\$341,078.96	\$569,972.26
Total	17.38	\$1,043,945.95	\$1,819,382.75	\$3,109,773.38

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	11.49	0.00	0.00	11.49
490 - Hospitals	0.00	0.00	0.25	0.25
510 - Limited-service restaurants	0.00	0.01	0.22	0.23
509 - Full-service restaurants	0.00	0.03	0.21	0.23
472 - Employment services	0.00	0.12	0.08	0.20

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	1,958,000	0	0	1,958,000
449 - Owner-occupied dwellings	0	0	65,108	65,108
156 - Asphalt shingle and coating materials manufacturing	0	60,642	67	60,709
396 - Wholesale - Other durable goods merchant wholesalers	0	41,707	3,100	44,807
490 - Hospitals	0	0	43,926	43,926

Project #21 Lem Turner Road Corridor (Complete Street Project) *

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	24.57	\$1,462,703.36	\$2,446,147.22	\$4,185,500.00
2 - Indirect	4.99	\$368,953.23	\$713,934.75	\$1,243,681.59
3 - Induced	7.59	\$399,924.50	\$729,104.18	\$1,218,395.77
Total	37.15	\$2,231,581.09	\$3,889,186.16	\$6,647,577.36

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	24.57	0.00	0.00	24.57
490 - Hospitals	0.00	0.00	0.53	0.53
510 - Limited-service restaurants	0.00	0.02	0.47	0.50
509 - Full-service restaurants	0.00	0.06	0.44	0.49
472 - Employment services	0.00	0.25	0.18	0.43

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	4,185,500	0	0	4,185,500
449 - Owner-occupied dwellings	0	0	139,176	139,176
156 - Asphalt shingle and coating materials manufacturing	0	129,631	143	129,774
396 - Wholesale - Other durable goods merchant wholesalers	0	89,155	6,627	95,781
490 - Hospitals	0	0	93,897	93,897

Project #22 Moncrief Rd. and W. 20th St. Road Improvements

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	2.05	\$122,314.22	\$204,551.79	\$350,000.00
2 - Indirect	0.42	\$30,852.62	\$59,700.67	\$103,999.18
3 - Induced	0.63	\$33,442.50	\$60,969.17	\$101,884.73
Total	3.11	\$186,609.34	\$325,221.64	\$555,883.90

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	2.05	0.00	0.00	2.05
490 - Hospitals	0.00	0.00	0.04	0.04
510 - Limited-service restaurants	0.00	0.00	0.04	0.04
509 - Full-service restaurants	0.00	0.00	0.04	0.04
472 - Employment services	0.00	0.02	0.01	0.04

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	350,000	0	0	350,000
449 - Owner-occupied dwellings	0	0	11,638	11,638
156 - Asphalt shingle and coating materials manufacturing	0	10,840	12	10,852
396 - Wholesale - Other durable goods merchant wholesalers	0	7,455	554	8,009
490 - Hospitals	0	0	7,852	7,852

Project #23 Edgewood Avenue Corridor (Complete Street Project) *

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	71.13	\$4,234,343.62	\$7,081,290.84	\$12,116,500.00
2 - Indirect	14.46	\$1,068,073.53	\$2,066,751.98	\$3,600,302.96
3 - Induced	21.97	\$1,157,731.51	\$2,110,665.59	\$3,527,103.64
Total	107.56	\$6,460,148.66	\$11,258,708.41	\$19,243,906.60

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	71.13	0.00	0.00	71.13
490 - Hospitals	0.00	0.00	1.53	1.53
510 - Limited-service restaurants	0.00	0.06	1.37	1.44
509 - Full-service restaurants	0.00	0.16	1.27	1.43
472 - Employment services	0.00	0.72	0.51	1.23

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	12,116,500	0	0	12,116,500
449 - Owner-occupied dwellings	0	0	402,898	402,898
156 - Asphalt shingle and coating materials manufacturing	0	375,266	413	375,679
396 - Wholesale - Other durable goods merchant wholesalers	0	258,092	19,183	277,275
490 - Hospitals	0	0	271,821	271,821

Project #24 Kings Road Corridor (Complete Street Project) *

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	20.79	\$1,237,819.92	\$2,070,064.14	\$3,542,000.00
2 - Indirect	4.23	\$312,228.49	\$604,170.80	\$1,052,471.68
3 - Induced	6.42	\$338,438.08	\$617,008.01	\$1,031,073.42
Total	31.44	\$1,888,486.49	\$3,291,242.95	\$5,625,545.10

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	20.79	0.00	0.00	20.79
490 - Hospitals	0.00	0.00	0.45	0.45
510 - Limited-service restaurants	0.00	0.02	0.40	0.42
509 - Full-service restaurants	0.00	0.05	0.37	0.42
472 - Employment services	0.00	0.21	0.15	0.36

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	3,542,000	0	0	3,542,000
449 - Owner-occupied dwellings	0	0	117,779	117,779
156 - Asphalt shingle and coating materials manufacturing	0	109,701	121	109,822
396 - Wholesale - Other durable goods merchant wholesalers	0	75,448	5,608	81,056
490 - Hospitals	0	0	79,461	79,461

Project #25 5th Street Bridge Replacement

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	4.40	\$262,101.90	\$438,325.27	\$750,000.00
2 - Indirect	0.89	\$66,112.75	\$127,930.01	\$222,855.38
3 - Induced	1.36	\$71,662.50	\$130,648.22	\$218,324.41
Total	6.66	\$399,877.15	\$696,903.50	\$1,191,179.79

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	4.40	0.00	0.00	4.40
490 - Hospitals	0.00	0.00	0.09	0.09
510 - Limited-service restaurants	0.00	0.00	0.09	0.09
509 - Full-service restaurants	0.00	0.01	0.08	0.09
472 - Employment services	0.00	0.04	0.03	0.08

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	750,000	0	0	750,000
449 - Owner-occupied dwellings	0	0	24,939	24,939
156 - Asphalt shingle and coating materials manufacturing	0	23,229	26	23,254
396 - Wholesale - Other durable goods merchant wholesalers	0	15,976	1,187	17,163
490 - Hospitals	0	0	16,825	16,825

Project #26 McCoys Creek Rebuild & Raise Bridge - Stockton

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	6.13	\$363,858.50	\$743,206.97	\$1,500,000.00
2 - Indirect	3.49	\$216,142.06	\$400,492.46	\$694,491.01
3 - Induced	2.40	\$126,287.60	\$230,254.47	\$384,766.41
Total	12.02	\$706,288.16	\$1,373,953.90	\$2,579,257.42

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	6.13	0.00	0.00	6.13
405 - Retail - Building material and garden equipment and supplies stores	0.00	1.30	0.01	1.31
457 - Architectural, engineering, and related services	0.00	0.31	0.00	0.32
472 - Employment services	0.00	0.13	0.06	0.19
509 - Full-service restaurants	0.00	0.04	0.14	0.18

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	1,500,000	1	2	1,500,003
405 - Retail - Building material and garden equipment and supplies stores	0	165,138	1,758	166,895
156 - Asphalt shingle and coating materials manufacturing	0	61,029	45	61,074
457 - Architectural, engineering, and related services	0	53,746	793	54,539
155 - Asphalt paving mixture and block manufacturing	0	52,154	42	52,195

Project #27 McCoy's Creek Rebuild & Raise Bridge - King

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	6.13	\$363,858.50	\$743,206.97	\$1,500,000.00
2 - Indirect	3.49	\$216,142.06	\$400,492.46	\$694,491.01
3 - Induced	2.40	\$126,287.60	\$230,254.47	\$384,766.41
Total	12.02	\$706,288.16	\$1,373,953.90	\$2,579,257.42

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	6.13	0.00	0.00	6.13
405 - Retail - Building material and garden equipment and supplies stores	0.00	1.30	0.01	1.31
457 - Architectural, engineering, and related services	0.00	0.31	0.00	0.32
472 - Employment services	0.00	0.13	0.06	0.19
509 - Full-service restaurants	0.00	0.04	0.14	0.18

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	1,500,000	1	2	1,500,003
405 - Retail - Building material and garden equipment and supplies stores	0	165,138	1,758	166,895
156 - Asphalt shingle and coating materials manufacturing	0	61,029	45	61,074
457 - Architectural, engineering, and related services	0	53,746	793	54,539
155 - Asphalt paving mixture and block manufacturing	0	52,154	42	52,195

Project #28 Lenox Avenue (Complete Street Project) *

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	9.47	\$561,676.24	\$1,147,263.82	\$2,315,500.00
2 - Indirect	5.39	\$333,651.29	\$618,226.86	\$1,072,062.62
3 - Induced	3.70	\$194,945.95	\$355,436.15	\$593,951.08
Total	18.56	\$1,090,273.49	\$2,120,926.83	\$3,981,513.70

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	9.47	0.00	0.00	9.47
405 - Retail - Building material and garden equipment and supplies stores	0.00	2.00	0.02	2.03
457 - Architectural, engineering, and related services	0.00	0.48	0.01	0.49
472 - Employment services	0.00	0.20	0.09	0.29
509 - Full-service restaurants	0.00	0.06	0.21	0.27

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	2,315,500	2	4	2,315,505
405 - Retail - Building material and garden equipment and supplies stores	0	254,918	2,713	257,631
156 - Asphalt shingle and coating materials manufacturing	0	94,208	70	94,277
457 - Architectural, engineering, and related services	0	82,967	1,224	84,190
155 - Asphalt paving mixture and block manufacturing	0	80,508	64	80,572

Project #29 Soutel Drive Road Diet (Formally Road Diet)

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	39.01	\$2,322,048.13	\$3,883,269.67	\$6,644,500.00
2 - Indirect	7.93	\$585,714.90	\$1,133,374.62	\$1,974,350.10
3 - Induced	12.05	\$634,881.94	\$1,157,456.15	\$1,934,208.74
Total	58.98	\$3,542,644.97	\$6,174,100.45	\$10,553,058.84

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	39.01	0.00	0.00	39.01
490 - Hospitals	0.00	0.00	0.84	0.84
510 - Limited-service restaurants	0.00	0.04	0.75	0.79
509 - Full-service restaurants	0.00	0.09	0.70	0.78
472 - Employment services	0.00	0.39	0.28	0.68

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	6,644,500	0	0	6,644,500
449 - Owner-occupied dwellings	0	0	220,943	220,943
156 - Asphalt shingle and coating materials manufacturing	0	205,790	227	206,016
396 - Wholesale - Other durable goods merchant wholesalers	0	141,534	10,520	152,054
490 - Hospitals	0	0	149,063	149,063

Project #30 Firestone Rd - Wheat Rd Intersection Improvements

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	5.87	\$349,469.20	\$584,433.69	\$1,000,000.00
2 - Indirect	1.19	\$88,150.34	\$170,573.35	\$297,140.51
3 - Induced	1.81	\$95,549.99	\$174,197.63	\$291,099.22
Total	8.88	\$533,169.53	\$929,204.67	\$1,588,239.72

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	5.87	0.00	0.00	5.87
490 - Hospitals	0.00	0.00	0.13	0.13
510 - Limited-service restaurants	0.00	0.01	0.11	0.12
509 - Full-service restaurants	0.00	0.01	0.10	0.12
472 - Employment services	0.00	0.06	0.04	0.10

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	1,000,000	0	0	1,000,000
449 - Owner-occupied dwellings	0	0	33,252	33,252
156 - Asphalt shingle and coating materials manufacturing	0	30,971	34	31,006
396 - Wholesale - Other durable goods merchant wholesalers	0	21,301	1,583	22,884
490 - Hospitals	0	0	22,434	22,434

Project #31 Chaffee Road (Normandy Boulevard to Crystal Springs Road)

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	177.29	\$10,553,969.99	\$17,649,897.53	\$30,200,000.00
2 - Indirect	36.04	\$2,662,140.12	\$5,151,315.14	\$8,973,643.33
3 - Induced	54.76	\$2,885,609.83	\$5,260,768.43	\$8,791,196.30
Total	268.08	\$16,101,719.94	\$28,061,981.10	\$47,964,839.63

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	177.29	0.00	0.00	177.29
490 - Hospitals	0.00	0.00	3.82	3.82
510 - Limited-service restaurants	0.00	0.16	3.42	3.58
509 - Full-service restaurants	0.00	0.40	3.17	3.57
472 - Employment services	0.00	1.79	1.28	3.07

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	30,200,000	0	0	30,200,000
449 - Owner-occupied dwellings	0	0	1,004,212	1,004,212
156 - Asphalt shingle and coating materials manufacturing	0	935,338	1,030	936,368
396 - Wholesale - Other durable goods merchant wholesalers	0	643,287	47,813	691,100
490 - Hospitals	0	0	677,506	677,506

Project #32 2nd Avenue North Roadway Safety Improvements

32				
Impact	Employment	Labor Income	Value Added	Output
1 - Direct	32.29	\$1,922,080.63	\$3,214,385.31	\$5,500,000.00
2 - Indirect	6.56	\$484,826.84	\$938,153.42	\$1,634,272.79
3 - Induced	9.97	\$525,524.97	\$958,086.97	\$1,601,045.68
Total	48.82	\$2,932,432.44	\$5,110,625.70	\$8,735,318.48

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	32.29	0.00	0.00	32.29
490 - Hospitals	0.00	0.00	0.70	0.70
510 - Limited-service restaurants	0.00	0.03	0.62	0.65
509 - Full-service restaurants	0.00	0.07	0.58	0.65
472 - Employment services	0.00	0.33	0.23	0.56

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	5,500,000	0	0	5,500,000
449 - Owner-occupied dwellings	0	0	182,886	182,886
156 - Asphalt shingle and coating materials manufacturing	0	170,343	188	170,531
396 - Wholesale - Other durable goods merchant wholesalers	0	117,155	8,708	125,863
490 - Hospitals	0	0	123,387	123,387

Project #33 Penman Road Complete Streets

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	84.25	\$7,916,764.76	\$10,640,903.95	\$20,000,000.00
2 - Indirect	52.77	\$3,519,334.39	\$5,263,240.14	\$9,414,842.31
3 - Induced	46.47	\$2,448,871.58	\$4,467,107.31	\$7,463,760.24
Total	183.48	\$13,884,970.73	\$20,371,251.39	\$36,878,602.55

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
464 - Scientific research and development services	84.25	2.88	0.01	87.14
447 - Other real estate	0.00	8.48	1.25	9.73
472 - Employment services	0.00	7.73	1.09	8.82
455 - Legal services	0.00	4.28	0.55	4.83
462 - Management consulting services	0.00	4.08	0.34	4.42

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
464 - Scientific research and development services	20,000,000	682,974	3,475	20,686,450
447 - Other real estate	0	1,849,594	272,233	2,121,827
455 - Legal services	0	796,336	101,525	897,861
469 - Management of companies and enterprises	0	746,337	124,197	870,534
449 - Owner-occupied dwellings	0	0	851,123	851,123

Project #34 St. Johns Ave. Traffic Calming

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	1.47	\$87,367.30	\$146,108.42	\$250,000.00
2 - Indirect	0.30	\$22,037.58	\$42,643.34	\$74,285.13
3 - Induced	0.45	\$23,887.50	\$43,549.41	\$72,774.80
Total	2.22	\$133,292.38	\$232,301.17	\$397,059.93

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	1.47	0.00	0.00	1.47
490 - Hospitals	0.00	0.00	0.03	0.03
510 - Limited-service restaurants	0.00	0.00	0.03	0.03
509 - Full-service restaurants	0.00	0.00	0.03	0.03
472 - Employment services	0.00	0.01	0.01	0.03

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	250,000	0	0	250,000
449 - Owner-occupied dwellings	0	0	8,313	8,313
156 - Asphalt shingle and coating materials manufacturing	0	7,743	9	7,751
396 - Wholesale - Other durable goods merchant wholesalers	0	5,325	396	5,721
490 - Hospitals	0	0	5,608	5,608

Project #35 Apache Ave Curb & Gutter

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	2.20	\$131,050.95	\$219,162.63	\$375,000.00
2 - Indirect	0.45	\$33,056.38	\$63,965.01	\$111,427.69
3 - Induced	0.68	\$35,831.25	\$65,324.11	\$109,162.21
Total	3.33	\$199,938.58	\$348,451.75	\$595,589.90

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	2.20	0.00	0.00	2.20
490 - Hospitals	0.00	0.00	0.05	0.05
510 - Limited-service restaurants	0.00	0.00	0.04	0.04
509 - Full-service restaurants	0.00	0.00	0.04	0.04
472 - Employment services	0.00	0.02	0.02	0.04

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	375,000	0	0	375,000
449 - Owner-occupied dwellings	0	0	12,470	12,470
156 - Asphalt shingle and coating materials manufacturing	0	11,614	13	11,627
396 - Wholesale - Other durable goods merchant wholesalers	0	7,988	594	8,582
490 - Hospitals	0	0	8,413	8,413

Project #36 Dancy Street Curb & Gutter

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	1.82	\$108,335.45	\$181,174.44	\$310,000.00
2 - Indirect	0.37	\$27,326.60	\$52,877.74	\$92,113.56
3 - Induced	0.56	\$29,620.50	\$54,001.27	\$90,240.76
Total	2.75	\$165,282.56	\$288,053.45	\$492,354.31

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	1.82	0.00	0.00	1.82
490 - Hospitals	0.00	0.00	0.04	0.04
510 - Limited-service restaurants	0.00	0.00	0.04	0.04
509 - Full-service restaurants	0.00	0.00	0.03	0.04
472 - Employment services	0.00	0.02	0.01	0.03

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	310,000	0	0	310,000
449 - Owner-occupied dwellings	0	0	10,308	10,308
156 - Asphalt shingle and coating materials manufacturing	0	9,601	11	9,612
396 - Wholesale - Other durable goods merchant wholesalers	0	6,603	491	7,094
490 - Hospitals	0	0	6,955	6,955

Project #37 Euclid Street Curb & Gutter

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	1.17	\$69,893.84	\$116,886.74	\$200,000.00
2 - Indirect	0.24	\$17,630.07	\$34,114.67	\$59,428.10
3 - Induced	0.36	\$19,110.00	\$34,839.53	\$58,219.84
Total	1.78	\$106,633.91	\$185,840.93	\$317,647.94

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	1.17	0.00	0.00	1.17
490 - Hospitals	0.00	0.00	0.03	0.03
510 - Limited-service restaurants	0.00	0.00	0.02	0.02
509 - Full-service restaurants	0.00	0.00	0.02	0.02
472 - Employment services	0.00	0.01	0.01	0.02

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	200,000	0	0	200,000
449 - Owner-occupied dwellings	0	0	6,650	6,650
156 - Asphalt shingle and coating materials manufacturing	0	6,194	7	6,201
396 - Wholesale - Other durable goods merchant wholesalers	0	4,260	317	4,577
490 - Hospitals	0	0	4,487	4,487

Project #38 Park Street/Blanding Boulevard Corridor (Complete Street Project) *

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	18.86	\$1,122,495.09	\$1,877,201.02	\$3,212,000.00
2 - Indirect	3.83	\$283,138.88	\$547,881.60	\$954,415.31
3 - Induced	5.82	\$306,906.58	\$559,522.79	\$935,010.68
Total	28.51	\$1,712,540.54	\$2,984,605.41	\$5,101,425.99

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	18.86	0.00	0.00	18.86
490 - Hospitals	0.00	0.00	0.41	0.41
510 - Limited-service restaurants	0.00	0.02	0.36	0.38
509 - Full-service restaurants	0.00	0.04	0.34	0.38
472 - Employment services	0.00	0.19	0.14	0.33

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
54 - Construction of new highways and streets	3,212,000	0	0	3,212,000
449 - Owner-occupied dwellings	0	0	106,806	106,806
156 - Asphalt shingle and coating materials manufacturing	0	99,480	110	99,590
396 - Wholesale - Other durable goods merchant wholesalers	0	68,419	5,085	73,504
490 - Hospitals	0	0	72,058	72,058

Project #39 Traffic Calming

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	3.68	\$218,315.10	\$445,924.18	\$900,000.00
2 - Indirect	2.10	\$129,685.23	\$240,295.48	\$416,694.61
3 - Induced	1.44	\$75,772.56	\$138,152.68	\$230,859.84
Total	7.21	\$423,772.89	\$824,372.34	\$1,547,554.45

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	3.68	0.00	0.00	3.68
405 - Retail - Building material and garden equipment and supplies stores	0.00	0.78	0.01	0.79
457 - Architectural, engineering, and related services	0.00	0.19	0.00	0.19
472 - Employment services	0.00	0.08	0.03	0.11
509 - Full-service restaurants	0.00	0.02	0.08	0.11

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	900,000	1	1	900,002
405 - Retail - Building material and garden equipment and supplies stores	0	99,083	1,055	100,137
156 - Asphalt shingle and coating materials manufacturing	0	36,617	27	36,644
457 - Architectural, engineering, and related services	0	32,248	476	32,723
155 - Asphalt paving mixture and block manufacturing	0	31,292	25	31,317

Project #40 Cntywd Intersection Imp & Bridge Rehab - Intersections

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	34.75	\$2,061,864.86	\$4,211,506.16	\$8,500,000.00
2 - Indirect	19.80	\$1,224,804.99	\$2,269,457.27	\$3,935,449.06
3 - Induced	13.58	\$715,629.71	\$1,304,775.32	\$2,180,342.97
Total	68.13	\$4,002,299.56	\$7,785,738.75	\$14,615,792.03

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	34.75	0.00	0.00	34.75
405 - Retail - Building material and garden equipment and supplies stores	0.00	7.36	0.08	7.44
457 - Architectural, engineering, and related services	0.00	1.77	0.03	1.80
472 - Employment services	0.00	0.74	0.32	1.06
509 - Full-service restaurants	0.00	0.21	0.79	1.00

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	8,500,000	6	13	8,500,019
405 - Retail - Building material and garden equipment and supplies stores	0	935,780	9,961	945,741
156 - Asphalt shingle and coating materials manufacturing	0	345,829	255	346,084
457 - Architectural, engineering, and related services	0	304,563	4,492	309,055
155 - Asphalt paving mixture and block manufacturing	0	295,537	236	295,772

Project #41 Roadway Resurfacing

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	417.01	\$24,742,378.30	\$50,538,073.90	\$102,000,000.00
2 - Indirect	237.62	\$14,697,659.84	\$27,233,487.24	\$47,225,388.77
3 - Induced	162.95	\$8,587,556.55	\$15,657,303.86	\$26,164,115.64
Total	817.59	\$48,027,594.69	\$93,428,864.99	\$175,389,504.42

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	417.01	0.00	0.00	417.02
405 - Retail - Building material and garden equipment and supplies stores	0.00	88.28	0.94	89.22
457 - Architectural, engineering, and related services	0.00	21.28	0.31	21.59
472 - Employment services	0.00	8.87	3.81	12.68
509 - Full-service restaurants	0.00	2.54	9.42	11.97

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	102,000,000	67	157	102,000,224
405 - Retail - Building material and garden equipment and supplies stores	0	11,229,362	119,532	11,348,894
156 - Asphalt shingle and coating materials manufacturing	0	4,149,948	3,065	4,153,012
457 - Architectural, engineering, and related services	0	3,654,755	53,903	3,708,659
155 - Asphalt paving mixture and block manufacturing	0	3,546,440	2,829	3,549,269

Project #42 Cntywd Intersection Imp & Bridge Rehab - Bridges

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	73.59	\$4,366,302.05	\$8,918,483.63	\$18,000,000.00
2 - Indirect	41.93	\$2,593,704.68	\$4,805,909.51	\$8,333,892.14
3 - Induced	28.76	\$1,515,451.16	\$2,763,053.62	\$4,617,196.88
Total	144.28	\$8,475,457.89	\$16,487,446.76	\$30,951,089.01

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	73.59	0.00	0.00	73.59
405 - Retail - Building material and garden equipment and supplies stores	0.00	15.58	0.17	15.75
457 - Architectural, engineering, and related services	0.00	3.76	0.06	3.81
472 - Employment services	0.00	1.56	0.67	2.24
509 - Full-service restaurants	0.00	0.45	1.66	2.11

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	18,000,000	12	28	18,000,040
405 - Retail - Building material and garden equipment and supplies stores	0	1,981,652	21,094	2,002,746
156 - Asphalt shingle and coating materials manufacturing	0	732,344	541	732,885
457 - Architectural, engineering, and related services	0	644,957	9,512	654,469
155 - Asphalt paving mixture and block manufacturing	0	625,842	499	626,342

Project #43 Traffic Signalization - Countywide

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	4.79	\$1,047,318.63	\$1,751,031.37	\$3,100,000.00
2 - Indirect	4.54	\$411,437.73	\$582,970.30	\$997,797.47
3 - Induced	5.90	\$311,141.13	\$567,762.31	\$948,544.06
Total	15.23	\$1,769,897.49	\$2,901,763.98	\$5,046,341.53

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	4.79	0.00	0.00	4.79
469 - Management of companies and enterprises	0.00	1.14	0.06	1.20
422 - Warehousing and storage	0.00	0.37	0.06	0.43
490 - Hospitals	0.00	0.00	0.41	0.41
509 - Full-service restaurants	0.00	0.06	0.34	0.40

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	3,100,000	1	0	3,100,001
469 - Management of companies and enterprises	0	309,337	15,785	325,121
394 - Wholesale - Household appliances and electrical and electronic goods	0	134,606	2,906	137,513
449 - Owner-occupied dwellings	0	0	108,056	108,056
490 - Hospitals	0	0	72,813	72,813

Project #44 Traffic Signalization - Enhancements

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	0.74	\$162,165.47	\$271,127.44	\$480,000.00
2 - Indirect	0.70	\$63,706.49	\$90,266.37	\$154,497.67
3 - Induced	0.91	\$48,176.69	\$87,911.58	\$146,871.34
Total	2.36	\$274,048.64	\$449,305.39	\$781,369.01

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	0.74	0.00	0.00	0.74
469 - Management of companies and enterprises	0.00	0.18	0.01	0.19
422 - Warehousing and storage	0.00	0.06	0.01	0.07
490 - Hospitals	0.00	0.00	0.06	0.06
509 - Full-service restaurants	0.00	0.01	0.05	0.06

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	480,000	0	0	480,000
469 - Management of companies and enterprises	0	47,897	2,444	50,341
394 - Wholesale - Household appliances and electrical and electronic goods	0	20,842	450	21,292
449 - Owner-occupied dwellings	0	0	16,731	16,731
490 - Hospitals	0	0	11,274	11,274

Project #45 Traffic Signalization - Fiber Optic

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	2.32	\$506,767.08	\$847,273.24	\$1,500,000.00
2 - Indirect	2.20	\$199,082.77	\$282,082.40	\$482,805.23
3 - Induced	2.86	\$150,552.16	\$274,723.70	\$458,972.93
Total	7.37	\$856,402.01	\$1,404,079.35	\$2,441,778.16

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	2.32	0.00	0.00	2.32
469 - Management of companies and enterprises	0.00	0.55	0.03	0.58
422 - Warehousing and storage	0.00	0.18	0.03	0.21
490 - Hospitals	0.00	0.00	0.20	0.20
509 - Full-service restaurants	0.00	0.03	0.17	0.19

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
303 - Other communications equipment manufacturing	1,500,000	0	0	1,500,000
469 - Management of companies and enterprises	0	149,679	7,638	157,317
394 - Wholesale - Household appliances and electrical and electronic goods	0	65,132	1,406	66,538
449 - Owner-occupied dwellings	0	0	52,285	52,285
490 - Hospitals	0	0	35,232	35,232

Project #46 Pavement Markings

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	22.49	\$1,334,147.85	\$2,725,092.22	\$5,500,000.00
2 - Indirect	12.81	\$792,520.87	\$1,468,472.35	\$2,546,467.04
3 - Induced	8.79	\$463,054.52	\$844,266.38	\$1,410,810.16
Total	44.09	\$2,589,723.24	\$5,037,830.96	\$9,457,277.20

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	22.49	0.00	0.00	22.49
405 - Retail - Building material and garden equipment and supplies stores	0.00	4.76	0.05	4.81
457 - Architectural, engineering, and related services	0.00	1.15	0.02	1.16
472 - Employment services	0.00	0.48	0.21	0.68
509 - Full-service restaurants	0.00	0.14	0.51	0.65

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	5,500,000	4	8	5,500,012
405 - Retail - Building material and garden equipment and supplies stores	0	605,505	6,445	611,950
156 - Asphalt shingle and coating materials manufacturing	0	223,772	165	223,937
457 - Architectural, engineering, and related services	0	197,070	2,907	199,977
155 - Asphalt paving mixture and block manufacturing	0	191,230	153	191,382

Project #47 Roadway Sign Stripe and Signal

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	32.30	\$1,916,321.46	\$3,914,223.37	\$7,900,000.00
2 - Indirect	18.40	\$1,138,348.16	\$2,109,260.29	\$3,657,652.66
3 - Induced	12.62	\$665,114.67	\$1,212,673.53	\$2,026,436.41
Total	63.32	\$3,719,784.29	\$7,236,157.19	\$13,584,089.07

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	32.30	0.00	0.00	32.30
405 - Retail - Building material and garden equipment and supplies stores	0.00	6.84	0.07	6.91
457 - Architectural, engineering, and related services	0.00	1.65	0.02	1.67
472 - Employment services	0.00	0.69	0.30	0.98
509 - Full-service restaurants	0.00	0.20	0.73	0.93

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	7,900,000	5	12	7,900,017
405 - Retail - Building material and garden equipment and supplies stores	0	869,725	9,258	878,983
156 - Asphalt shingle and coating materials manufacturing	0	321,418	237	321,655
457 - Architectural, engineering, and related services	0	283,064	4,175	287,239
155 - Asphalt paving mixture and block manufacturing	0	274,675	219	274,894

Project #48 Railroad Crossings

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	11.55	\$685,266.85	\$1,399,706.46	\$2,825,000.00
2 - Indirect	6.58	\$407,067.54	\$754,260.80	\$1,307,958.07
3 - Induced	4.51	\$237,841.64	\$433,645.92	\$724,643.40
Total	22.64	\$1,330,176.03	\$2,587,613.17	\$4,857,601.47

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	11.55	0.00	0.00	11.55
405 - Retail - Building material and garden equipment and supplies stores	0.00	2.45	0.03	2.47
457 - Architectural, engineering, and related services	0.00	0.59	0.01	0.60
472 - Employment services	0.00	0.25	0.11	0.35
509 - Full-service restaurants	0.00	0.07	0.26	0.33

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	2,825,000	2	4	2,825,006
405 - Retail - Building material and garden equipment and supplies stores	0	311,009	3,311	314,320
156 - Asphalt shingle and coating materials manufacturing	0	114,937	85	115,022
457 - Architectural, engineering, and related services	0	101,222	1,493	102,715
155 - Asphalt paving mixture and block manufacturing	0	98,222	78	98,301

Project #49 CRISI Grant (CSX/FEC/FDOT/JTA) Grant Match

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	4.09	\$242,572.34	\$495,471.31	\$1,000,000.00
2 - Indirect	2.33	\$144,094.70	\$266,994.97	\$462,994.01
3 - Induced	1.60	\$84,191.73	\$153,502.98	\$256,510.94
Total	8.02	\$470,858.77	\$915,969.26	\$1,719,504.95

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	4.09	0.00	0.00	4.09
405 - Retail - Building material and garden equipment and supplies stores	0.00	0.87	0.01	0.87
457 - Architectural, engineering, and related services	0.00	0.21	0.00	0.21
472 - Employment services	0.00	0.09	0.04	0.12
509 - Full-service restaurants	0.00	0.02	0.09	0.12

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	1,000,000	1	2	1,000,002
405 - Retail - Building material and garden equipment and supplies stores	0	110,092	1,172	111,264
156 - Asphalt shingle and coating materials manufacturing	0	40,686	30	40,716
457 - Architectural, engineering, and related services	0	35,831	528	36,359
155 - Asphalt paving mixture and block manufacturing	0	34,769	28	34,797

Project #50 Dunn / Caney (Sapp Road Wet Detention)

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	5.49	\$2,553,755.00	\$3,221,923.70	\$4,065,661.00
2 - Indirect	4.63	\$313,772.77	\$471,924.12	\$836,397.27
3 - Induced	15.97	\$841,932.31	\$1,527,490.48	\$2,555,941.65
Total	26.09	\$3,709,460.08	\$5,221,338.31	\$7,457,999.92

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	5.49	0.01	0.00	5.51
490 - Hospitals	0.00	0.00	1.13	1.13
510 - Limited-service restaurants	0.00	0.02	0.97	0.99
509 - Full-service restaurants	0.00	0.06	0.93	0.99
422 - Warehousing and storage	0.00	0.71	0.16	0.87

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	4,065,661	9,641	3,562	4,078,863
449 - Owner-occupied dwellings	0	0	296,199	296,199
490 - Hospitals	0	0	201,103	201,103
441 - Monetary authorities and depository credit intermediation	0	59,624	106,318	165,942
447 - Other real estate	0	44,017	93,302	137,319

Project #51 Arlington/Pottsburg (Beach & Southside) Pond

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	7.67	\$3,568,394.45	\$4,502,035.11	\$5,681,000.00
2 - Indirect	6.47	\$438,438.69	\$659,425.60	\$1,168,708.57
3 - Induced	22.32	\$1,176,442.76	\$2,134,381.94	\$3,571,449.89
Total	36.46	\$5,183,275.91	\$7,295,842.65	\$10,421,158.46

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	7.67	0.02	0.01	7.69
490 - Hospitals	0.00	0.00	1.58	1.58
510 - Limited-service restaurants	0.00	0.03	1.36	1.39
509 - Full-service restaurants	0.00	0.09	1.30	1.39
422 - Warehousing and storage	0.00	0.99	0.23	1.21

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	5,681,000	13,471	4,977	5,699,448
449 - Owner-occupied dwellings	0	0	413,883	413,883
490 - Hospitals	0	0	281,004	281,004
441 - Monetary authorities and depository credit intermediation	0	83,314	148,559	231,873
447 - Other real estate	0	61,505	130,372	191,877

Project #52 Arlington/Pottsburg (Bowden & Belfort) Pond

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	7.99	\$462,371.26	\$946,592.21	\$1,930,850.00
2 - Indirect	3.68	\$230,348.04	\$428,345.20	\$728,645.02
3 - Induced	2.88	\$151,574.01	\$276,336.52	\$461,781.52
Total	14.56	\$844,293.31	\$1,651,273.93	\$3,121,276.54

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
60 - Maintenance and repair construction of nonresidential structures	7.99	0.01	0.01	8.02
405 - Retail - Building material and garden equipment and supplies stores	0.00	0.91	0.02	0.93
447 - Other real estate	0.00	0.17	0.08	0.25
509 - Full-service restaurants	0.00	0.07	0.17	0.23
490 - Hospitals	0.00	0.00	0.20	0.20

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
60 - Maintenance and repair construction of nonresidential structures	1,930,850	3,374	1,486	1,935,710
405 - Retail - Building material and garden equipment and supplies stores	0	115,878	2,110	117,988
447 - Other real estate	0	37,367	16,844	54,211
449 - Owner-occupied dwellings	0	0	52,748	52,748
396 - Wholesale - Other durable goods merchant wholesalers	0	41,901	2,512	44,413

Project #53 LaSalle Street Pump Station

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	47.51	\$22,110,101.18	\$27,895,024.78	\$35,200,000.00
2 - Indirect	40.11	\$2,716,606.57	\$4,085,861.85	\$7,241,426.11
3 - Induced	138.29	\$7,289,347.88	\$13,224,827.40	\$22,129,032.92
Total	225.90	\$32,116,055.62	\$45,205,714.03	\$64,570,459.03

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	47.51	0.11	0.04	47.66
490 - Hospitals	0.00	0.00	9.81	9.81
510 - Limited-service restaurants	0.00	0.19	8.41	8.60
509 - Full-service restaurants	0.00	0.55	8.03	8.59
422 - Warehousing and storage	0.00	6.11	1.41	7.52

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	35,200,000	83,468	30,837	35,314,305
449 - Owner-occupied dwellings	0	0	2,564,459	2,564,459
490 - Hospitals	0	0	1,741,126	1,741,126
441 - Monetary authorities and depository credit intermediation	0	516,220	920,484	1,436,704
447 - Other real estate	0	381,093	807,796	1,188,889

Project #54 Flynn Road Drainage Improvement

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	0.27	\$125,625.57	\$158,494.46	\$200,000.00
2 - Indirect	0.23	\$15,435.26	\$23,215.12	\$41,144.47
3 - Induced	0.79	\$41,416.75	\$75,141.06	\$125,733.14
Total	1.28	\$182,477.59	\$256,850.65	\$366,877.61

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	0.27	0.00	0.00	0.27
490 - Hospitals	0.00	0.00	0.06	0.06
510 - Limited-service restaurants	0.00	0.00	0.05	0.05
509 - Full-service restaurants	0.00	0.00	0.05	0.05
422 - Warehousing and storage	0.00	0.03	0.01	0.04

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	200,000	474	175	200,649
449 - Owner-occupied dwellings	0	0	14,571	14,571
490 - Hospitals	0	0	9,893	9,893
441 - Monetary authorities and depository credit intermediation	0	2,933	5,230	8,163
447 - Other real estate	0	2,165	4,590	6,755

Project #55 Silver Street Drainage Improvements

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	2.02	\$942,191.81	\$1,188,708.44	\$1,500,000.00
2 - Indirect	1.71	\$115,764.48	\$174,113.43	\$308,583.50
3 - Induced	5.89	\$310,625.62	\$563,557.99	\$942,998.56
Total	9.63	\$1,368,581.92	\$1,926,379.86	\$2,751,582.06

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	2.02	0.00	0.00	2.03
490 - Hospitals	0.00	0.00	0.42	0.42
510 - Limited-service restaurants	0.00	0.01	0.36	0.37
509 - Full-service restaurants	0.00	0.02	0.34	0.37
422 - Warehousing and storage	0.00	0.26	0.06	0.32

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	1,500,000	3,557	1,314	1,504,871
449 - Owner-occupied dwellings	0	0	109,281	109,281
490 - Hospitals	0	0	74,196	74,196
441 - Monetary authorities and depository credit intermediation	0	21,998	39,225	61,223
447 - Other real estate	0	16,240	34,423	50,663

Project #56 Duval Road (Wet Detention Pond)

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	12.86	\$5,986,058.64	\$7,552,260.97	\$9,530,000.00
2 - Indirect	10.86	\$735,490.36	\$1,106,200.67	\$1,960,533.83
3 - Induced	37.44	\$1,973,508.10	\$3,580,471.74	\$5,991,184.20
Total	61.16	\$8,695,057.10	\$12,238,933.37	\$17,481,718.03

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	12.86	0.03	0.01	12.90
490 - Hospitals	0.00	0.00	2.66	2.66
510 - Limited-service restaurants	0.00	0.05	2.28	2.33
509 - Full-service restaurants	0.00	0.15	2.18	2.32
422 - Warehousing and storage	0.00	1.65	0.38	2.03

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	9,530,000	22,598	8,349	9,560,947
449 - Owner-occupied dwellings	0	0	694,298	694,298
490 - Hospitals	0	0	471,390	471,390
441 - Monetary authorities and depository credit intermediation	0	139,761	249,211	388,971
447 - Other real estate	0	103,177	218,702	321,878

Project #57 Wills Branch Dredge

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	11.25	\$233,279.31	\$941,756.03	\$2,700,000.00
2 - Indirect	6.25	\$480,394.44	\$802,862.06	\$1,425,456.50
3 - Induced	2.89	\$152,534.57	\$278,237.46	\$464,890.25
Total	20.39	\$866,208.33	\$2,022,855.55	\$4,590,346.76

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
30 - Other clay, ceramic, refractory minerals mining	11.25	0.03	0.00	11.27
456 - Accounting, tax preparation, bookkeeping, and payroll services	0.00	0.55	0.02	0.57
60 - Maintenance and repair construction of nonresidential structures	0.00	0.56	0.01	0.56
469 - Management of companies and enterprises	0.00	0.42	0.03	0.45
442 - Other financial investment activities	0.00	0.41	0.03	0.44

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
30 - Other clay, ceramic, refractory minerals mining	2,700,000	6,759	1	2,706,759
60 - Maintenance and repair construction of nonresidential structures	0	134,190	1,496	135,686
469 - Management of companies and enterprises	0	113,351	7,736	121,087
533 - Local government electric utilities	0	95,621	7,884	103,505
442 - Other financial investment activities	0	95,455	7,072	102,527

Project #58 Willowbranch Bulkhead Replacement

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	9.85	\$4,585,333.48	\$5,785,047.75	\$7,300,000.00
2 - Indirect	8.32	\$563,387.16	\$847,352.03	\$1,501,773.03
3 - Induced	28.68	\$1,511,711.35	\$2,742,648.86	\$4,589,259.67
Total	46.85	\$6,660,431.99	\$9,375,048.65	\$13,391,032.70

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	9.85	0.02	0.01	9.88
490 - Hospitals	0.00	0.00	2.03	2.03
510 - Limited-service restaurants	0.00	0.04	1.74	1.78
509 - Full-service restaurants	0.00	0.11	1.67	1.78
422 - Warehousing and storage	0.00	1.27	0.29	1.56

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	7,300,000	17,310	6,395	7,323,705
449 - Owner-occupied dwellings	0	0	531,834	531,834
490 - Hospitals	0	0	361,086	361,086
441 - Monetary authorities and depository credit intermediation	0	107,057	190,896	297,953
447 - Other real estate	0	79,034	167,526	246,559

Project #59 Mallory Street Drainage Improvement

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	0.43	\$201,000.92	\$253,591.13	\$320,000.00
2 - Indirect	0.36	\$24,696.42	\$37,144.20	\$65,831.15
3 - Induced	1.26	\$66,266.80	\$120,225.70	\$201,173.03
Total	2.05	\$291,964.14	\$410,961.04	\$587,004.17

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	0.43	0.00	0.00	0.43
490 - Hospitals	0.00	0.00	0.09	0.09
510 - Limited-service restaurants	0.00	0.00	0.08	0.08
509 - Full-service restaurants	0.00	0.01	0.07	0.08
422 - Warehousing and storage	0.00	0.06	0.01	0.07

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	320,000	759	280	321,039
449 - Owner-occupied dwellings	0	0	23,313	23,313
490 - Hospitals	0	0	15,828	15,828
441 - Monetary authorities and depository credit intermediation	0	4,693	8,368	13,061
447 - Other real estate	0	3,464	7,344	10,808

Project #60 Venetia Drainage Improvements

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	1.89	\$879,379.02	\$1,109,461.21	\$1,400,000.00
2 - Indirect	1.60	\$108,046.85	\$162,505.87	\$288,011.27
3 - Induced	5.50	\$289,917.25	\$525,987.45	\$880,131.99
Total	8.98	\$1,277,343.12	\$1,797,954.54	\$2,568,143.26

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	1.89	0.00	0.00	1.90
490 - Hospitals	0.00	0.00	0.39	0.39
510 - Limited-service restaurants	0.00	0.01	0.33	0.34
509 - Full-service restaurants	0.00	0.02	0.32	0.34
422 - Warehousing and storage	0.00	0.24	0.06	0.30

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	1,400,000	3,320	1,226	1,404,546
449 - Owner-occupied dwellings	0	0	101,996	101,996
490 - Hospitals	0	0	69,249	69,249
441 - Monetary authorities and depository credit intermediation	0	20,531	36,610	57,142
447 - Other real estate	0	15,157	32,128	47,285

Project #61 Underdrain Replacements

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	4.72	\$2,198,447.56	\$2,773,653.03	\$3,500,000.00
2 - Indirect	3.99	\$270,117.13	\$406,264.67	\$720,028.16
3 - Induced	13.75	\$724,793.11	\$1,314,968.63	\$2,200,329.98
Total	22.46	\$3,193,357.80	\$4,494,886.34	\$6,420,358.14

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	4.72	0.01	0.00	4.74
490 - Hospitals	0.00	0.00	0.98	0.98
510 - Limited-service restaurants	0.00	0.02	0.84	0.86
509 - Full-service restaurants	0.00	0.05	0.80	0.85
422 - Warehousing and storage	0.00	0.61	0.14	0.75

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	3,500,000	8,299	3,066	3,511,366
449 - Owner-occupied dwellings	0	0	254,989	254,989
490 - Hospitals	0	0	173,123	173,123
441 - Monetary authorities and depository credit intermediation	0	51,329	91,525	142,854
447 - Other real estate	0	37,893	80,321	118,213

Project #62 Major Outfall Ditch Restoration/Cleaning

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	20.25	\$9,421,918.12	\$11,887,084.42	\$15,000,000.00
2 - Indirect	17.09	\$1,157,644.85	\$1,741,134.31	\$3,085,834.99
3 - Induced	58.93	\$3,106,256.20	\$5,635,579.86	\$9,429,985.62
Total	96.27	\$13,685,819.16	\$19,263,798.59	\$27,515,820.61

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	20.25	0.05	0.02	20.31
490 - Hospitals	0.00	0.00	4.18	4.18
510 - Limited-service restaurants	0.00	0.08	3.58	3.67
509 - Full-service restaurants	0.00	0.24	3.42	3.66
422 - Warehousing and storage	0.00	2.60	0.60	3.20

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	15,000,000	35,569	13,141	15,048,709
449 - Owner-occupied dwellings	0	0	1,092,809	1,092,809
490 - Hospitals	0	0	741,957	741,957
441 - Monetary authorities and depository credit intermediation	0	219,980	392,252	612,232
447 - Other real estate	0	162,398	344,231	506,629

Project #63 Drainage System Rehabilitation - Capital Improvements

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	77.93	\$4,003,714.34	\$7,409,628.23	\$12,000,000.00
2 - Indirect	27.32	\$1,706,069.72	\$2,611,865.09	\$4,555,999.91
3 - Induced	23.37	\$1,231,729.39	\$2,246,581.19	\$3,753,772.44
Total	128.62	\$6,941,513.46	\$12,268,074.51	\$20,309,772.35

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
458 - Specialized design services	77.93	0.21	0.01	78.15
472 - Employment services	0.00	3.83	0.55	4.38
447 - Other real estate	0.00	2.63	0.63	3.26
509 - Full-service restaurants	0.00	1.03	1.35	2.38
511 - All other food and drinking places	0.00	1.54	0.68	2.22

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
458 - Specialized design services	12,000,000	31,969	1,646	12,033,615
447 - Other real estate	0	573,519	136,917	710,436
449 - Owner-occupied dwellings	0	0	428,216	428,216
472 - Employment services	0	356,778	50,961	407,739
469 - Management of companies and enterprises	0	294,575	62,461	357,036

Project #64 Drainage System Rehabilitation - Capital Maintenance

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	37.79	\$17,587,580.48	\$22,189,224.26	\$28,000,000.00
2 - Indirect	31.90	\$2,160,937.04	\$3,250,117.38	\$5,760,225.32
3 - Induced	110.00	\$5,798,344.90	\$10,519,749.07	\$17,602,639.82
Total	179.69	\$25,546,862.43	\$35,959,090.71	\$51,362,865.14

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	37.79	0.09	0.03	37.91
490 - Hospitals	0.00	0.00	7.80	7.80
510 - Limited-service restaurants	0.00	0.15	6.69	6.84
509 - Full-service restaurants	0.00	0.44	6.39	6.83
422 - Warehousing and storage	0.00	4.86	1.12	5.98

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	28,000,000	66,395	24,529	28,090,924
449 - Owner-occupied dwellings	0	0	2,039,910	2,039,910
490 - Hospitals	0	0	1,384,987	1,384,987
441 - Monetary authorities and depository credit intermediation	0	410,629	732,203	1,142,832
447 - Other real estate	0	303,142	642,565	945,707

Project #65 Stormwater Pump Stations - Capital Maintenance

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	1.21	\$565,315.09	\$713,225.07	\$900,000.00
2 - Indirect	1.03	\$69,458.69	\$104,468.06	\$185,150.10
3 - Induced	3.54	\$186,375.37	\$338,134.79	\$565,799.14
Total	5.78	\$821,149.15	\$1,155,827.92	\$1,650,949.24

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	1.21	0.00	0.00	1.22
490 - Hospitals	0.00	0.00	0.25	0.25
510 - Limited-service restaurants	0.00	0.00	0.22	0.22
509 - Full-service restaurants	0.00	0.01	0.21	0.22
422 - Warehousing and storage	0.00	0.16	0.04	0.19

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
49 - Water, sewage and other systems	900,000	2,134	788	902,923
449 - Owner-occupied dwellings	0	0	65,569	65,569
490 - Hospitals	0	0	44,517	44,517
441 - Monetary authorities and depository credit intermediation	0	13,199	23,535	36,734
447 - Other real estate	0	9,744	20,654	30,398

Project #66 New Ferry Boat

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	53.10	\$3,857,772.22	\$4,384,183.01	\$16,186,500.00
2 - Indirect	28.64	\$2,176,794.46	\$3,627,050.73	\$6,448,973.99
3 - Induced	24.07	\$1,268,465.31	\$2,314,418.41	\$3,866,742.58
Total	105.81	\$7,303,031.99	\$10,325,652.15	\$26,502,216.58

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
361 - Boat building	53.10	0.05	0.00	53.15
402 - Retail - Motor vehicle and parts dealers	0.00	2.66	0.21	2.87
469 - Management of companies and enterprises	0.00	2.17	0.24	2.41
447 - Other real estate	0.00	1.33	0.65	1.98
509 - Full-service restaurants	0.00	0.46	1.39	1.85

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
361 - Boat building	16,186,500	13,757	197	16,200,453
444 - Insurance carriers, except direct life	0	529,360	156,383	685,744
469 - Management of companies and enterprises	0	586,285	64,345	650,630
449 - Owner-occupied dwellings	0	0	440,628	440,628
396 - Wholesale - Other durable goods merchant wholesalers	0	413,978	21,084	435,061

Project #67 Skyway Rehabilitation & Downtown Service Expansion - Neighborhood Extensions

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	539.22	\$31,992,865.43	\$65,347,711.43	\$131,890,000.00
2 - Indirect	307.26	\$19,004,650.55	\$35,213,966.98	\$61,064,279.66
3 - Induced	210.70	\$11,104,047.39	\$20,245,507.90	\$33,831,227.57
Total	1,057.18	\$62,101,563.37	\$120,807,186.31	\$226,785,507.23

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	539.22	0.00	0.00	539.22
405 - Retail - Building material and garden equipment and supplies stores	0.00	114.15	1.22	115.37
457 - Architectural, engineering, and related services	0.00	27.52	0.41	27.92
472 - Employment services	0.00	11.46	4.93	16.40
509 - Full-service restaurants	0.00	3.29	12.18	15.47

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	131,890,000	87	203	131,890,290
405 - Retail - Building material and garden equipment and supplies stores	0	14,520,005	154,559	14,674,565
156 - Asphalt shingle and coating materials manufacturing	0	5,366,045	3,963	5,370,008
457 - Architectural, engineering, and related services	0	4,725,742	69,699	4,795,441
155 - Asphalt paving mixture and block manufacturing	0	4,585,686	3,657	4,589,344

Project #68 Skyway Rehabilitation & Downtown Service Expansion – Fleet

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	46.19	2,973,373.18	4,821,848.84	6,875,000.00
2 - Indirect	13.87	839,991.16	1,289,223.14	2,364,557.63
3 - Induced	15.58	820,944.64	1,497,179.34	2,501,683.49
Total	75.64	4,634,308.98	7,608,251.32	11,741,241.12

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
402 - Retail - Motor vehicle and parts dealers	46.19	0.04	0.14	46.37
422 - Warehousing and storage	0.00	3.07	0.16	3.23
447 - Other real estate	0.00	1.35	0.42	1.77
472 - Employment services	0.00	0.90	0.36	1.26
509 - Full-service restaurants	0.00	0.25	0.90	1.15

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
402 - Retail - Motor vehicle and parts dealers	6,875,000	5,893	20,427	6,901,320
447 - Other real estate	0	295,189	91,249	386,439
422 - Warehousing and storage	0	284,029	14,955	298,983
449 - Owner-occupied dwellings	0	0	285,474	285,474
490 - Hospitals	0	0	192,512	192,512

Project #69 JRTC Rail Terminal Project Development

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	13.27	\$864,985.84	\$1,821,658.06	\$3,360,500.00
2 - Indirect	9.32	\$583,395.51	\$888,340.01	\$1,576,093.20
3 - Induced	5.94	\$312,994.45	\$570,802.38	\$953,777.88
Total	28.53	\$1,761,375.80	\$3,280,800.45	\$5,890,371.07

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
468 - Marketing research and all other miscellaneous professional, scientific, and technical services	13.27	0.17	0.01	13.45
472 - Employment services	0.00	2.15	0.14	2.29
447 - Other real estate	0.00	0.74	0.16	0.90
511 - All other food and drinking places	0.00	0.48	0.17	0.65
509 - Full-service restaurants	0.00	0.23	0.34	0.58

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
468 - Marketing research and all other miscellaneous professional, scientific, and technical services	3,360,500	43,142	2,134	3,405,777
472 - Employment services	0	200,097	12,950	213,047
447 - Other real estate	0	161,079	34,789	195,869
438 - Internet publishing and broadcasting and web search portals	0	116,379	6,719	123,098
469 - Management of companies and enterprises	0	104,270	15,870	120,140

Project #70 Northwest Jacksonville Corridor Improvements

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	84.71	\$4,870,518.35	\$6,311,577.68	\$13,876,500.00
2 - Indirect	27.26	\$1,855,530.48	\$3,134,776.42	\$5,434,855.36
3 - Induced	27.90	\$1,470,571.45	\$2,681,008.18	\$4,480,193.95
Total	139.88	\$8,196,620.29	\$12,127,362.28	\$23,791,549.31

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
56 - Construction of other new nonresidential structures	84.71	0.00	0.00	84.71
405 - Retail - Building material and garden equipment and supplies stores	0.00	3.41	0.16	3.57
457 - Architectural, engineering, and related services	0.00	2.49	0.05	2.54
472 - Employment services	0.00	1.44	0.65	2.09
447 - Other real estate	0.00	1.30	0.75	2.05

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
56 - Construction of other new nonresidential structures	13,876,500	0	0	13,876,500
449 - Owner-occupied dwellings	0	0	511,768	511,768
396 - Wholesale - Other durable goods merchant wholesalers	0	443,978	24,367	468,345
405 - Retail - Building material and garden equipment and supplies stores	0	434,054	20,466	454,520
447 - Other real estate	0	283,992	163,424	447,416

Project #71 Countywide Transit Enhancements Improvements

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	211.90	\$12,183,052.43	\$15,787,699.85	\$34,710,500.00
2 - Indirect	68.18	\$4,641,400.27	\$7,841,289.73	\$13,594,677.82
3 - Induced	69.80	\$3,678,468.67	\$6,706,239.65	\$11,206,699.97
Total	349.88	\$20,502,921.37	\$30,335,229.22	\$59,511,877.80

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
56 - Construction of other new nonresidential structures	211.90	0.00	0.00	211.90
405 - Retail - Building material and garden equipment and supplies stores	0.00	8.54	0.40	8.94
457 - Architectural, engineering, and related services	0.00	6.22	0.13	6.35
472 - Employment services	0.00	3.60	1.63	5.24
447 - Other real estate	0.00	3.26	1.88	5.13

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
56 - Construction of other new nonresidential structures	34,710,500	0	0	34,710,500
449 - Owner-occupied dwellings	0	0	1,280,129	1,280,129
396 - Wholesale - Other durable goods merchant wholesalers	0	1,110,561	60,950	1,171,511
405 - Retail - Building material and garden equipment and supplies stores	0	1,085,737	51,194	1,136,931
447 - Other real estate	0	710,374	408,788	1,119,162

Project #72 Skyway Rehabilitation & Downtown Service Expansion - Capital (Infrastructure, Systems)

Impact	Employment	Labor Income	Value Added	Output
1 - Direct	981.52	\$58,235,553.64	\$118,950,275.40	\$240,075,000.00
2 - Indirect	559.29	\$34,593,536.13	\$64,098,818.12	\$111,153,286.37
3 - Induced	383.54	\$20,212,329.80	\$36,852,227.69	\$61,581,863.36
Total	1,924.35	\$113,041,419.57	\$219,901,321.21	\$412,810,149.73

Impact on Employment - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	981.52	0.00	0.00	981.52
405 - Retail - Building material and garden equipment and supplies stores	0.00	207.79	2.21	210.00
457 - Architectural, engineering, and related services	0.00	50.09	0.74	50.83
472 - Employment services	0.00	20.87	8.98	29.84
509 - Full-service restaurants	0.00	5.99	22.18	28.16

Impact on Output - Top 5 Industries	1 - Direct	2 - Indirect	3 - Induced	Total
62 - Maintenance and repair construction of highways, streets, bridges, and tunnels	240,075,000	158	369	240,075,528
405 - Retail - Building material and garden equipment and supplies stores	0	26,430,285	281,339	26,711,624
156 - Asphalt shingle and coating materials manufacturing	0	9,767,634	7,213	9,774,848
457 - Architectural, engineering, and related services	0	8,602,112	126,871	8,728,982
155 - Asphalt paving mixture and block manufacturing	0	8,347,172	6,658	8,353,830