

Travel Time Savings					
Minutes Saved/ day	Number of Vehicles	Occupancy Rate	Value/hour: realized at year 3	Number of Days	Annualized Value
4	586	1.39	\$16.17	260	\$228,488.44
4	4170	1.39	\$16.17	150	\$937,398.48
4	2200	1.39	\$16.17	260	\$857,221.31
					<b>\$2,023,108.23</b>

Vehicle Operating Costs Savings					
Miles saved/ day	Number of Vehicles	Value/mile: realized at year 3	Number of days		Annualized Value
5	147	\$0.43	260		\$81,218.25
5	1042.5	\$0.43	150		\$333,206.61
5	1000	\$0.43	260		\$554,012.59
					<b>\$968,437.44</b>

Value of Injuries					
Average Accidents/ year	Monotized Value at year 3				Annualized Value
6	\$31,470.54				\$188,823.23
2	\$493,038.42				\$986,076.84
					<b>\$1,174,900.07</b>

Value of Property Damage					
Average Accidents/ year	Monotized Value at year 3				Annualized Value
8	\$4,728.23				\$37,825.84

Assumed Inflation rate	3.00%
------------------------	-------

Discount Rate	7%
---------------	----

	Construction	CE&I	totals
North monroe	\$5,000,000	\$450,000	\$5,450,000
Downtown Monroe St	\$1,100,000	\$90,000	\$1,190,000
S. Monroe/ tex/la	\$5,313,000	\$420,000	\$5,733,000
Dan Reneau Dr	\$1,763,000	\$150,000	\$1,913,000
Homer St	\$1,833,000	\$195,000	\$2,028,000
W. Mississippi Ave	\$1,500,000	\$130,000	\$1,630,000
LaTech RR Path	\$2,974,700	\$505,700	\$3,480,400
	\$19,483,700	\$1,940,700	\$21,424,400

1466	# of Louisiana Tech faculty
10425	# of comuter students
2200	assumed local traffic

Annual Economic Competitiveness savings
<b>\$2,991,545.68</b>

Annual Safety Savings
<b>\$1,212,725.91</b>

Net Annual Savings
<b>\$4,204,271.59</b>

Present Value of Cost Savings: Value/hour
<b>\$14.80</b>

Present Value of Cost Savings: Value/Mile
<b>\$0.39</b>

Present Value of Cost Savings: Value of Reduced Injuries	
Minor	<b>\$28,800</b>
Moderate	<b>\$451,200</b>

Present Vaule of Cost Savings: Value of Property Damage
<b>\$4,327</b>

Year	Project Year	Value of Savings Economic Competitiveness	Economic Competitiveness Savings Discounted at 7%	Value of Savings Safety	Safety Savings Discounted at 7%	Construction Costs	discounted construction costs
2019	0					\$6,665,800.00	\$6,229,719.63
2020	1					\$11,229,550.00	\$10,494,906.54
2021	2					\$3,529,050.00	\$3,082,408.94
2022	3	\$2,991,545.68	\$2,441,992.39	\$1,212,725.91	\$989,945.58	\$50,000.00	\$40,814.89
2023	4	\$3,081,292.05	\$2,350,702.95	\$1,249,107.69	\$952,938.27	\$51,500.00	\$39,289.10
2024	5	\$3,173,730.81	\$2,262,826.21	\$1,286,580.92	\$917,314.41	\$53,045.00	\$37,820.35
2025	6	\$3,268,942.74	\$2,178,234.57	\$1,325,178.34	\$883,022.28	\$54,636.35	\$36,406.51
2026	7	\$3,367,011.02	\$2,096,805.24	\$1,364,933.69	\$850,012.11	\$56,275.44	\$35,045.52
2027	8	\$3,468,021.35	\$2,018,420.00	\$1,405,881.70	\$818,235.95	\$57,963.70	\$33,735.40
2028	9	\$3,572,061.99	\$1,942,965.05	\$1,448,058.16	\$787,647.69	\$59,702.61	\$32,474.27
2029	10	\$3,679,223.85	\$1,870,330.84	\$1,491,499.90	\$758,202.92	\$561,493.69	\$285,434.92
2030	11	\$3,789,600.56	\$1,800,411.93	\$1,536,244.90	\$729,858.88	\$69,211.69	\$32,881.98
2031	12	\$3,903,288.58	\$1,733,106.81	\$1,582,332.24	\$702,574.44	\$71,288.04	\$31,652.74
2032	13	\$4,020,387.24	\$1,668,317.77	\$1,629,802.21	\$676,309.97	\$73,426.69	\$30,469.46
2033	14	\$4,140,998.86	\$1,605,950.75	\$1,678,696.28	\$651,027.36	\$75,629.49	\$29,330.42
2034	15	\$4,265,228.82	\$1,545,915.21	\$1,729,057.17	\$626,689.89	\$77,898.37	\$28,233.95
2035	16	\$4,393,185.69	\$1,488,123.99	\$1,780,928.88	\$603,262.23	\$80,235.32	\$27,178.48
2036	17	\$4,524,981.26	\$1,432,493.18	\$1,834,356.75	\$580,710.37	\$82,642.38	\$26,162.46
2037	18	\$4,660,730.69	\$1,378,942.04	\$1,889,387.45	\$559,001.57	\$85,121.65	\$25,184.43
2038	19	\$4,800,552.61	\$1,327,392.80	\$1,946,069.07	\$538,104.32	\$87,675.30	\$24,242.95
2039	20	\$4,944,569.19	\$1,277,770.64	\$2,004,451.15	\$517,988.27	\$590,305.56	\$152,546.17
2040	21	\$5,092,906.27	\$1,230,003.51	\$2,064,584.68	\$498,624.22	\$93,014.73	\$22,464.27
2041	22	\$5,245,693.46	\$1,184,022.07	\$2,126,522.22	\$479,984.06	\$95,805.17	\$21,624.49
2042	23	\$5,403,064.26	\$1,139,759.57	\$2,190,317.89	\$462,040.73	\$98,679.33	\$20,816.10
2043	24	\$5,565,156.19	\$1,097,151.73	\$2,256,027.42	\$444,768.18	\$101,639.71	\$20,037.92
2044	25	\$5,732,110.87	\$1,056,136.71	\$2,323,708.25	\$428,141.33	\$104,688.90	\$19,288.84
2045	26	\$5,904,074.20	\$1,016,654.97	\$2,393,419.49	\$412,136.05	\$107,829.56	\$18,567.76
2046	27	\$6,081,196.43	\$978,649.17	\$2,465,222.08	\$396,729.09	\$111,064.45	\$17,873.64
2047	28	\$6,263,632.32	\$942,064.16	\$2,539,178.74	\$381,898.10	\$114,396.38	\$17,205.47
2048	29	\$6,451,541.29	\$906,846.81	\$2,615,354.10	\$367,621.54	\$117,828.28	\$16,562.27
2049	30	\$6,645,087.53	\$872,945.99	\$2,693,814.73	\$353,878.67	\$121,363.12	\$15,943.12
		\$128,429,815.80	\$42,844,937.06	\$52,063,442.01	\$17,368,668.50	\$24,728,760.93	\$20,946,323.03

Total Net Benefit	Total Benefit-Cost Ratio	Discounted Net Benefit	Discounted Benefit-Cost Ratio
\$128,429,815.80	\$128,429,815.80	\$60,213,605.56	\$60,213,605.56
\$24,728,760.93	\$24,728,760.93	\$20,946,323.03	\$20,946,323.03
\$103,701,054.87	5.193540274	\$39,267,282.53	2.87