

Figure 5: Copiah County - Failed Road Detour Routes: Cost to Regional Citizens and Environmental Damage

**BENEFIT-COST ANALYSIS
2018 BUILD PROJECT ESTIMATE**

ROAD NAME	DETOUR LENGTH (MILES)	AVERAGE DAILY TRAFFIC	GALLONS OF FUEL REQUIRED FOR DAILY TWO-WAY TRIP (NATIONAL AVERAGE OF 24.1 MPG)	DAILY FUEL COSTS (MISSISSIPPI AVERAGE OF \$2.57 PER GALLON)	GRAMS DAILY CO2 EMISSIONS PRODUCED (EPA ESTIMATE 8,878 GRAMS PER GALLON) BY AVERAGE DAILY TRAFFIC	ANNUAL GALLONS OF FUEL REQUIRED FOR FIVE-DAY WORK WEEK (260 DAYS)	ANNUAL FUEL COSTS FOR FIVE-DAY WORK WEEK (260 DAYS)	POUNDS OF CO2 EMISSIONS RELEASED ANNUALLY FROM FIVE-DAY WORK WEEK
Sumrall Road	15.7	800.0	1.3029045643	\$3.35	9,253,749.38	338.76	\$870.60	5,304,260.36
New Zion Road	27.3	1,300.0	2.2655601660	\$5.82	26,147,736.10	589.05	\$1,513.85	14,987,914.02
Utica Road	2.8	2,000.0	0.2323651452	\$0.60	4,125,875.52	60.41	\$155.27	2,364,956.85
John I. Hay Road	6.3	120.0	0.5228215768	\$1.34	556,993.20	135.93	\$349.35	319,269.17
Monticello Road	10.8	740.0	0.8962655602	\$2.30	5,888,213.78	233.03	\$598.88	3,375,131.27
Rutledge Road	5.0	220.0	0.4149377593	\$1.07	810,439.83	107.88	\$277.26	464,545.10
Harmony Road	4.4	550.0	0.3651452282	\$0.94	1,782,967.63	94.94	\$243.99	1,021,999.21
Anderson Road	7.4	300.0	0.6141078838	\$1.58	1,635,614.94	159.67	\$410.35	937,536.46
6 Mile Road	12.1	460.0	1.0041493776	\$2.58	4,100,825.56	261.08	\$670.97	2,350,598.18

AVERAGE ANNUAL GALLONS OF FUEL REQUIRED PER DETOUR
220

AVERAGE ANNUAL FUEL COST PER DETOUR
\$565.61

AVERAGE ANNUAL POUNDS OF CO2 EMISSIONS RELEASED PER DETOUR
3,458,467.85

POTENTIAL TOTAL GALLONS OF FUEL REQUIRED FOR ALL DETOURS
1,981

POTENTIAL TOTAL FUEL COST FOR ALL DETOURS
\$5,090.52

POTENTIAL TOTAL ANNUAL POUNDS OF CO2 RELEASED FOR ALL DETOURS
31,126,210.62

Notes:

1. Average Daily Traffic (ADT) counts were based on current mapping from the MS Dept. of Transportation. ADT for roads not including on the current map was estimated.
2. Values are based on EPA document "Average Annual Emissions and Fuel Consumption for Gasoline-Fueled Passenger Cars and Light Trucks".

Figure 6 - Copiah County: Monetized Value of Reported Accidents

BENEFIT-COST ANALYSIS

2018 BUILD PROJECT ESTIMATE

Value of Injuries

AIS Level	Severity	Fraction of VSL	Unit Value (\$2016)
1	Minor	0.003	\$28,800.00
2	Moderate	0.047	\$451,200.00
3	Serious	0.105	\$1,008,000.00
4	Severe	0.266	\$2,553,600.00
5	Critical	0.593	\$5,692,800.00
6	Not Survivable	1.000	\$9,600,000.00

ROAD NAME	AIS Level 6 Not Survivable		AIS Level 5 Critical		AIS Level 4 Critical		AIS Level 3 Serious		AIS Level 2 Moderate		AIS Level 1 Minor		Total No. of Accidents	Total Value
	No. of Accidents	Value	No. of Accidents	Value	No. of Accidents	Value	No. of Accidents	Value	No. of Accidents	Value	No. of Accidents	Value		
Sumrall Road		\$0.00	2	\$11,385,600.00		\$0.00	1	\$1,008,000.00		\$0.00		\$0.00	3	\$12,393,600.00
New Zion Road		\$0.00	1	\$5,692,800.00	3	\$7,660,800.00	2	\$2,016,000.00		\$0.00		\$0.00	6	\$15,369,600.00
Utica Road		\$0.00	4	\$22,771,200.00	1	\$2,553,600.00		\$0.00		\$0.00		\$0.00	5	\$25,324,800.00
John I. Hay Road		\$0.00	3	\$17,078,400.00		\$0.00		\$0.00		\$0.00		\$0.00	3	\$17,078,400.00
Monticello Road		\$0.00	10	\$56,928,000.00	3	\$7,660,800.00	6	\$6,048,000.00		\$0.00	1	\$28,800.00	20	\$70,665,600.00
Rutledge Road		\$0.00	2	\$11,385,600.00	1	\$2,553,600.00		\$0.00	1	\$451,200.00		\$0.00	4	\$14,390,400.00
Harmony Road		\$0.00	1	\$5,692,800.00		\$0.00		\$0.00		\$0.00		\$0.00	1	\$5,692,800.00
Anderson Road		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
6 Mile Road		\$0.00	3	\$17,078,400.00	1	\$2,553,600.00		\$0.00		\$0.00	1	\$28,800.00	5	\$19,660,800.00

TOTAL VALUE OF FATALITIES & INJURIES \$180,576,000.00

Notes:

1. Values are based accident reporting data from The MS Dept. of Transportation.

Figure 7: City of Hazelhurst - Failed Road Detour Routes: Cost to Regional Citizens and Environmental Damage

BENEFIT-COST ANALYSIS

2018 BUILD PROJECT ESTIMATE

ROAD NAME	DETOUR LENGTH (MILES)	AVERAGE DAILY TRAFFIC	GALLONS OF FUEL REQUIRED FOR DAILY TWO-WAY TRIP	DAILY FUEL COSTS	GRAMS DAILY CO2 EMISSIONS PRODUCED	ANNUAL GALLONS OF FUEL REQUIRED FOR FIVE-DAY WORK WEEK	ANNUAL FUEL COSTS FOR FIVE-DAY WORK WEEK (260 DAYS)	POUNDS OF CO2 EMISSIONS RELEASED ANNUALLY FROM FIVE-DAY WORK WEEK
			(NATIONAL AVERAGE OF 24.1 MPG)	(MISSISSIPPI AVERAGE OF \$2.57 PER GALLON)	(EPA ESTIMATE 8,878 GRAMS PER GALLON) BY AVERAGE DAILY	(260 DAYS)	(260 DAYS)	
Ainsworth St	0.6	225.0	0.0464730290	\$0.12	92,832.20	12.08	\$31.05	53,211.53
Autumn St	0.3	125.0	0.0207468880	\$0.05	23,023.86	5.39	\$13.86	13,197.30
Banks St	0.5	250.0	0.0414937759	\$0.11	92,095.44	10.79	\$27.73	52,789.22
Beacham St	0.2	125.0	0.0157676349	\$0.04	17,498.13	4.10	\$10.54	10,029.95
Booker St	0.2	145.0	0.0165975104	\$0.04	21,366.14	4.32	\$11.09	12,247.10
Bradley St	0.3	125.0	0.0207468880	\$0.05	23,023.86	5.39	\$13.86	13,197.30
Bradley St Ext	0.3	120.0	0.0207468880	\$0.05	22,102.90	5.39	\$13.86	12,669.41
Carlisle St. S	0.4	175.0	0.0348547718	\$0.09	54,152.12	9.06	\$23.29	31,040.06
Cato St	0.2	125.0	0.0124481328	\$0.03	13,814.32	3.24	\$8.32	7,918.38
Conway St. E	0.3	225.0	0.0215767635	\$0.06	43,100.66	5.61	\$14.42	24,705.35
Conway St. W	0.3	225.0	0.0240663900	\$0.06	48,073.82	6.26	\$16.08	27,555.97
Covington Dr	0.3	125.0	0.0207468880	\$0.05	23,023.86	5.39	\$13.86	13,197.30
Dailey St	0.2	150.0	0.0124481328	\$0.03	16,577.18	3.24	\$8.32	9,502.06
Dale Dr	0.3	175.0	0.0207468880	\$0.05	32,233.40	5.39	\$13.86	18,476.23
Damascus Cir	0.2	150.0	0.0174273859	\$0.04	23,208.05	4.53	\$11.64	13,302.88
Darnell St	0.3	225.0	0.0232365145	\$0.06	46,416.10	6.04	\$15.53	26,605.76
Davis St.	0.2	145.0	0.0124481328	\$0.03	16,024.61	3.24	\$8.32	9,185.32
Dogwood Dr	0.3	155.0	0.0207468880	\$0.05	28,549.59	5.39	\$13.86	16,364.66
Downing St.	0.3	155.0	0.0215767635	\$0.06	29,691.57	5.61	\$14.42	17,019.24
Eastside Cir	0.3	225.0	0.0215767635	\$0.06	43,100.66	5.61	\$14.42	24,705.35
Edgewood Dr	0.3	245.0	0.0207468880	\$0.05	45,126.76	5.39	\$13.86	25,866.72
Elm St	0.3	175.0	0.0207468880	\$0.05	32,233.40	5.39	\$13.86	18,476.23
Fair St	0.7	175.0	0.0580912863	\$0.15	90,253.53	15.10	\$38.82	51,733.43
Faler St	0.7	275.0	0.0556016598	\$0.14	135,748.67	14.46	\$37.15	77,811.30
First St	0.2	225.0	0.0174273859	\$0.04	34,812.07	4.53	\$11.64	19,954.32
Frost St. E	0.3	2,300.0	0.0224066390	\$0.06	457,530.12	5.83	\$14.97	262,256.82
Frost St. W	0.4	2,000.0	0.0365145228	\$0.09	648,351.87	9.49	\$24.40	371,636.08
Gallatin St. E	0.3	1,000.0	0.0224066390	\$0.06	198,926.14	5.83	\$14.97	114,024.71
Gallatin St W	0.3	1,000.0	0.0232365145	\$0.06	206,293.78	6.04	\$15.53	118,247.84
Gardner St. S	0.1	295.0	0.0099585062	\$0.03	26,081.43	2.59	\$6.65	14,949.91
Georgetown St.	2.1	2,925.0	0.1759336100	\$0.45	4,568,670.37	45.74	\$117.56	2,618,767.39
Gray Dr.	0.2	175.0	0.0182572614	\$0.05	28,365.39	4.75	\$12.20	16,259.08
Green St. E	0.3	725.0	0.0232365145	\$0.06	149,562.99	6.04	\$15.53	85,729.69
Green St. W	0.4	725.0	0.0298755187	\$0.08	192,295.27	7.77	\$19.96	110,223.88
Haley St. N	0.6	175.0	0.0514522822	\$0.13	79,938.84	13.38	\$34.38	45,821.04
Haley St. S	0.3	175.0	0.0232365145	\$0.06	36,101.41	6.04	\$15.53	20,693.37
Hampton St.	0.3	145.0	0.0207468880	\$0.05	26,707.68	5.39	\$13.86	15,308.87

Jackson St.	1.4	1,300.0	0.1186721992	\$0.30	1,369,643.32	30.85	\$79.30	785,081.21
John St.	0.3	175.0	0.0207468880	\$0.05	32,233.40	5.39	\$13.86	18,476.23
Keri Dr	0.2	245.0	0.0157676349	\$0.04	34,296.34	4.10	\$10.54	19,658.70
King St. N	0.3	225.0	0.0215767635	\$0.06	43,100.66	5.61	\$14.42	24,705.35
King St. S	0.3	225.0	0.0207468880	\$0.05	41,442.95	5.39	\$13.86	23,755.15
Lake Hazel Dr. N	1.0	275.0	0.0838174274	\$0.22	204,636.06	21.79	\$56.01	117,297.64
Lake St.	1.6	525.0	0.1319502075	\$0.34	615,013.32	34.31	\$88.17	352,526.38
Larkin St.	0.4	215.0	0.0298755187	\$0.08	57,025.49	7.77	\$19.96	32,687.08
Lee St	0.2	180.0	0.0165975104	\$0.04	26,523.49	4.32	\$11.09	15,203.29
Lodge St.	0.4	400.0	0.0340248963	\$0.09	120,829.21	8.85	\$22.74	69,259.45
Long St.	0.3	225.0	0.0248962656	\$0.06	49,731.54	6.47	\$16.64	28,506.18
Longwood N	0.3	175.0	0.0207468880	\$0.05	32,233.40	5.39	\$13.86	18,476.23
Longwood S	0.3	175.0	0.0207468880	\$0.05	32,233.40	5.39	\$13.86	18,476.23
Lowe St N	0.3	225.0	0.0215767635	\$0.06	43,100.66	5.61	\$14.42	24,705.35
Lowe St S	0.3	225.0	0.0224066390	\$0.06	44,758.38	5.83	\$14.97	25,655.56
Magnolia St.	0.4	175.0	0.0340248963	\$0.09	52,862.78	8.85	\$22.74	30,301.01
Magnolia Dr.	0.3	200.0	0.0207468880	\$0.05	36,838.17	5.39	\$13.86	21,115.69
Maple St. E	0.3	125.0	0.0207468880	\$0.05	23,023.86	5.39	\$13.86	13,197.30
Maple St. W	0.3	125.0	0.0207468880	\$0.05	23,023.86	5.39	\$13.86	13,197.30
Marvin Minor Dr.	0.2	425.0	0.0165975104	\$0.04	62,624.90	4.32	\$11.09	35,896.67
Matthews	0.2	325.0	0.0199170124	\$0.05	57,467.55	5.18	\$13.31	32,940.47
Meadow Ln	0.3	125.0	0.0207468880	\$0.05	23,023.86	5.39	\$13.86	13,197.30
Mill St	1.0	225.0	0.0796680498	\$0.20	159,140.91	20.71	\$53.23	91,219.76
Miller St	0.9	525.0	0.0780082988	\$0.20	363,592.78	20.28	\$52.13	208,411.82
Millsaps	0.3	75.0	0.0207468880	\$0.05	13,814.32	5.39	\$13.86	7,918.38
Mississippi St.	0.7	445.0	0.0589211618	\$0.15	232,780.42	15.32	\$39.37	133,430.02
Nelson Dr.	0.3	590.0	0.0207468880	\$0.05	108,672.61	5.39	\$13.86	62,291.27
North St.	0.5	625.0	0.0414937759	\$0.11	230,238.59	10.79	\$27.73	131,973.04
Oak St.	0.2	175.0	0.0199170124	\$0.05	30,944.07	5.18	\$13.31	17,737.18
Pine St. W	0.3	275.0	0.0207468880	\$0.05	50,652.49	5.39	\$13.86	29,034.07
Pinedale	0.1	150.0	0.0082987552	\$0.02	11,051.45	2.16	\$5.55	6,334.71
Pinehurst Cir	0.3	325.0	0.0207468880	\$0.05	59,862.03	5.39	\$13.86	34,312.99
Pineview St	0.7	420.0	0.0597510373	\$0.15	222,797.28	15.54	\$39.93	127,707.67
Primrose	0.3	200.0	0.0207468880	\$0.05	36,838.17	5.39	\$13.86	21,115.69
Queen Anne Dr.	0.2	175.0	0.0190871369	\$0.05	29,654.73	4.96	\$12.75	16,998.13
Ragsdale Ave. N	0.4	1,400.0	0.0331950207	\$0.09	412,587.55	8.63	\$22.18	236,495.68
Ragsdale Ave. S	0.4	1,400.0	0.0315352697	\$0.08	391,958.17	8.20	\$21.07	224,670.90
Robert Mcdaniel D	0.5	225.0	0.0431535270	\$0.11	86,201.33	11.22	\$28.84	49,410.71
School Dr	0.2	425.0	0.0124481328	\$0.03	46,968.67	3.24	\$8.32	26,922.50
Short Monticello St.	0.2	100.0	0.0124481328	\$0.03	11,051.45	3.24	\$8.32	6,334.71
Simmons St.	0.3	175.0	0.0240663900	\$0.06	37,390.75	6.26	\$16.08	21,432.42

Sinclair St.	0.6	175.0	0.0531120332	\$0.14	82,517.51	13.81	\$35.49	47,299.14
St. Charles St.	0.7	275.0	0.0572614108	\$0.15	139,800.87	14.89	\$38.26	80,134.03
State St.	0.7	425.0	0.0564315353	\$0.15	212,924.65	14.67	\$37.71	122,048.67
Stowell St	1.0	175.0	0.0804979253	\$0.21	125,065.60	20.93	\$53.79	71,687.75
University St.	0.2	275.0	0.0124481328	\$0.03	30,391.49	3.24	\$8.32	17,420.44
Vardamen St.	0.8	225.0	0.0663900415	\$0.17	132,617.43	17.26	\$44.36	76,016.47
Vincent St.	0.6	325.0	0.0514522822	\$0.13	148,457.84	13.38	\$34.38	85,096.22
Washington Dr.	0.2	275.0	0.0124481328	\$0.03	30,391.49	3.24	\$8.32	17,420.44
Watson Dr	0.1	175.0	0.0082987552	\$0.02	12,893.36	2.16	\$5.55	7,390.49
West St.	0.8	200.0	0.0622406639	\$0.16	110,514.52	16.18	\$41.59	63,347.06
Westover Dr.	0.1	200.0	0.0082987552	\$0.02	14,735.27	2.16	\$5.55	8,446.27
Whitsworth St. W	4.1	525.0	0.3377593361	\$0.87	1,574,279.38	87.82	\$225.69	902,378.85
Williams St. N	0.2	225.0	0.0165975104	\$0.04	33,154.36	4.32	\$11.09	19,004.12
Willow St.	0.4	225.0	0.0290456432	\$0.07	58,020.12	7.55	\$19.41	33,257.21
Winston St.	0.2	125.0	0.0174273859	\$0.04	19,340.04	4.53	\$11.64	11,085.74
Woodard St.	0.3	245.0	0.0207468880	\$0.05	45,126.76	5.39	\$13.86	25,866.72
Woodlane	0.2	175.0	0.0124481328	\$0.03	19,340.04	3.24	\$8.32	11,085.74

AVERAGE ANNUAL GALLONS OF FUEL REQUIRED PER DETOUR
9

AVERAGE ANNUAL FUEL COST PER DETOUR
\$23.65

AVERAGE ANNUAL POUNDS OF CO2 EMISSIONS RELEASED PER DETOUR
96,649.83

POTENTIAL TOTAL GALLONS OF FUEL REQUIRED FOR ALL DETOURS
874

POTENTIAL TOTAL FUEL COST FOR ALL DETOURS
\$2,246.93

POTENTIAL TOTAL ANNUAL POUNDS OF CO2 RELEASED FOR ALL DETOURS
9,181,733.80

Notes:
1. Values are based on EPA document "Average Annual Emissions and Fuel Consumption for Gasoline-Fueled Passenger Cars and Light Trucks".

Figure 8: City of Hazelhurst - Montetized Value of Reported Accidents

BENEFIT-COST ANALYSIS

2018 BUILD PROJECT ESTIMATE

Value of Injuries

AIS Level	Severity	Fraction of VSL	Unit Value (\$2013)
1	Minor	0.003	\$28,800.00
2	Moderate	0.047	\$451,200.00
3	Serious	0.105	\$1,008,000.00
4	Severe	0.266	\$2,553,600.00
5	Critical	0.593	\$5,692,800.00
6	Not Survivable	1.000	\$9,600,000.00

ROAD NAME	AIS Level 6 Not Survivable		AIS Level 5 Critical		AIS Level 4 Severe		AIS Level 3 Serious		AIS Level 2 Moderate		AIS Level 1 Minor		Total No. of Accidents	Total Value
	No. of Accidents	Value	No. of Accidents	Value	No. of Accidents	Value	No. of Accidents	Value	No. of Accidents	Value	No. of Accidents	Value		
Ainsworth St		\$0.00	5	\$27,871,000.00		\$0.00		\$0.00		\$0.00		\$0.00	5	\$27,871,000.00
Autumn St		\$0.00	1	\$5,574,200.00		\$0.00		\$0.00		\$0.00		\$0.00	1	\$5,574,200.00
Banks St		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Beacham St		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Booker St		\$0.00		\$0.00		\$0.00	1	\$987,000.00		\$0.00		\$0.00	1	\$987,000.00
Bradley St		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Bradley St Ext		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Carlisle St. S		\$0.00		\$0.00	1	\$2,500,400.00		\$0.00		\$0.00		\$0.00	1	\$2,500,400.00
Cato St		\$0.00	2	\$11,148,400.00		\$0.00		\$0.00		\$0.00		\$0.00	2	\$11,148,400.00
Conway St. E		\$0.00	1	\$5,574,200.00		\$0.00		\$0.00		\$0.00		\$0.00	1	\$5,574,200.00
Conway St. W		\$0.00	1	\$5,574,200.00		\$0.00		\$0.00		\$0.00		\$0.00	1	\$5,574,200.00
Covington Dr		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Dailey St		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Dale Dr		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Damascus Cir		\$0.00	1	\$5,574,200.00		\$0.00		\$0.00		\$0.00		\$0.00	1	\$5,574,200.00
Darnell St		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Davis St.		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Dogwood Dr		\$0.00	1	\$5,574,200.00		\$0.00		\$0.00		\$0.00		\$0.00		\$5,574,200.00
Downing St.		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Eastside Cir		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Edgewood Dr		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Elm St		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Fair St		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Faler St		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
First St		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Frost St. E		\$0.00	3	\$16,722,600.00		\$0.00		\$0.00		\$0.00		\$0.00		\$16,722,600.00
Frost St. W		\$0.00	2	\$11,148,400.00		\$0.00		\$0.00		\$0.00		\$0.00		\$11,148,400.00
Gallatin St. E		\$0.00	1	\$5,574,200.00		\$0.00	1	\$987,000.00		\$0.00		\$0.00		\$6,561,200.00
Gallatin St W		\$0.00	1	\$5,574,200.00	1	\$2,500,400.00		\$0.00		\$0.00		\$0.00		\$8,074,600.00
Gardner St. S		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
Georgetown St.		\$0.00	4	\$22,296,800.00		\$0.00		\$0.00		\$0.00		\$0.00		\$22,296,800.00

Sinclair St.	\$0.00	3	\$16,722,600.00	1	\$2,500,400.00		\$0.00	\$0.00	\$0.00	\$19,223,000.00
St. Charles St.	\$0.00	3	\$16,722,600.00		\$0.00		\$0.00	\$0.00	\$0.00	\$16,722,600.00
State St.	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
Stowell St	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
University St.	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
Vardamen St.	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
Vincent St.	\$0.00	4	\$22,296,800.00		\$0.00		\$0.00	\$0.00	\$0.00	\$22,296,800.00
Washington Dr.	\$0.00		\$0.00	1	\$2,500,400.00		\$0.00	\$0.00	\$0.00	\$2,500,400.00
Watson Dr	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
West St.	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
Westover Dr.	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
Whitworth St. W	\$0.00	10	\$55,742,000.00	2	\$5,000,800.00	1	\$987,000.00	\$0.00	\$0.00	\$61,729,800.00
Williams St. N	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
Willow St.	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
Winston St.	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
Woodard St.	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
Woodlane	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00

TOTAL VALUE OF FATALITIES & INJURIES	\$631,172,400.00
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Notes:

1. Values are based accident reporting data from The MS Dept. of Transportation.

Figure 9: Benefit-Cost Analysis Summary
BENEFIT-COST ANALYSIS
2018 BUILD PROJECT ESTIMATE

Applicant	Fatalities & Injuries (Costs)	Potential Annual Fuel Costs	Potential CO2 Emissions (Pounds)
Copiah County	\$180,576,000.00	\$5,090.52	31,126,210.62
City of Hazlehurst	\$631,172,400.00	\$2,246.93	9,181,733.80
TOTAL	\$811,748,400.00	\$7,337.45	40,307,944.43