

PROJECTION OF ANNUAL TRANSPORTATION COSTS DUE TO JAIL CLOSURE

Based on an average fuel price of \$3.00/gal and an estimated fuel mileage of 21.8mpg for a 2024 Ford Explorer (this number is from a study by Fuely.com)

Average Round Trip: 180 miles

Based on the previously mentioned 21.8 mpg and to the closes correctional facility accepting inmates is a distance of 180 miles round trip, this is approximately 8.25 gal of fuel per round trip. At approximately \$3.00 per gallon of fuel, that cost is estimated to be \$24.75 per round trip in fuel. This trip is made on average 2-times per week which makes the fuel cost approximately \$49.50 per week. At 52-weeks per year, **the average cost of fuel per year is \$2574.00**

Based on the average round trip distance of 180 miles at a 60-mph speed, the approximate time required to make these trips is 3 hours total. Based on an overtime rate of \$44.07 per hour (base pay of \$29.38 per hour) and approximately \$6.31 per hour in county costs (insurance, benefits etc.) the total to pay an employee for these trips is approximately \$132.21 per trip. Again, this trip is made on average twice per week. The total per week cost for an employee is approximately \$264.42 per week. At 52-weeks per year, **the average cost per year to pay an employee to make these trips is \$13,749.84 per year.**

Our average daily housing rate per inmate to house at the facilities mentioned above is approximately \$100.00 per day. Based on 20 inmates housed, the price per day for 20 inmates at \$2000.00 per day. At \$100.00 per day for 365 days (days in a year) that shows **the average yearly cost to house 20 inmates per day is \$730,000.00**

On average, vehicle depreciation is calculated at approximately \$0.08 per mile. At 180 miles round trip twice per week (360 miles) and 52 weeks per year, the total mileage on average per year put on vehicles to make these transports is 18,720 miles. **That is calculated at a depreciation cost of \$1497.60 per year.**

Total Average Cost Per Year Based on 20 inmates: \$747,821.40 or \$37,391.07 per inmate.