

PROJECTED ADVERSE AFFECT (mileage cost)

Primary suppositions:

- Homes & Townhomes are 2 vehicle residences
- Apartments are 1 vehicle residences
- Each vehicle leaves & returns once per day= 2 trips
- UDOT's new route adds 1.5 miles to every trip
- Federal mileage reimbursement rate = \$0.55/mile

49 Home Calculations:

$$49 \text{ homes} \times 2 \text{ vehicles} \times 2 \text{ trips} \times 1.5 \text{ miles} \times 365 \text{ days} \times \$0.55/\text{mile} = \$59,020.50$$

154 Home Calculations:

$$154 \text{ homes} \times 2 \text{ vehicles} \times 2 \text{ trips} \times 1.5 \text{ miles} \times 365 \text{ days} \times \$0.55/\text{mile} = \$185,493.00$$

258 Apartments Calculations:

$$258 \text{ apartments} \times 1 \text{ vehicle} \times 2 \text{ trips} \times 1.5 \text{ miles} \times 365 \text{ days} \times \$0.55/\text{mile} = \$155,380.50$$

28 Townhomes Calculations:

$$28 \text{ townhomes} \times 2 \text{ vehicles} \times 2 \text{ trips} \times 1.5 \text{ miles} \times 365 \text{ days} \times \$0.55/\text{mile} = \$33,726.00$$

TOTAL MILEAGE COST PER YEAR = \$433,620.00

Cost per residence per year

= \$886.75

If the commercial & residential areas remain for 50 years,
the cost to residents will be approximately

\$21,681,000

(without adjustment for inflation)

Estimated cost of land and road construction = \$1.5 mill.

Estimated yearly savings with proposed connecting road:

\$ 228,373.20

Estimated savings with proposed road ove 50 years:

\$ 11,418,660

