
Employment Transportation Feasibility Study

Coshocton County

Final Draft Report - November 17, 2021



Key Deliverables

- Develop Conceptual Stops and Routes
- Develop Potential Cost Scenarios
- Identify Potential Ridership
- Identify Key Employers
- Identify Job Cluster Locations
- Interviews and Outreach

Core Project Team

- Valerie Shaw - CCCTA
- Fred Wachtel - Coshocton County Engineer
- Sherri Gibson - Coshocton County Port Authority
- Lynn Jacobs - Ohio Means Jobs
- Shana Stanton - Ohio Means Jobs
- Tracy Haines - Coshocton County Mobility Management



[Transit Study Project Page Link](#)

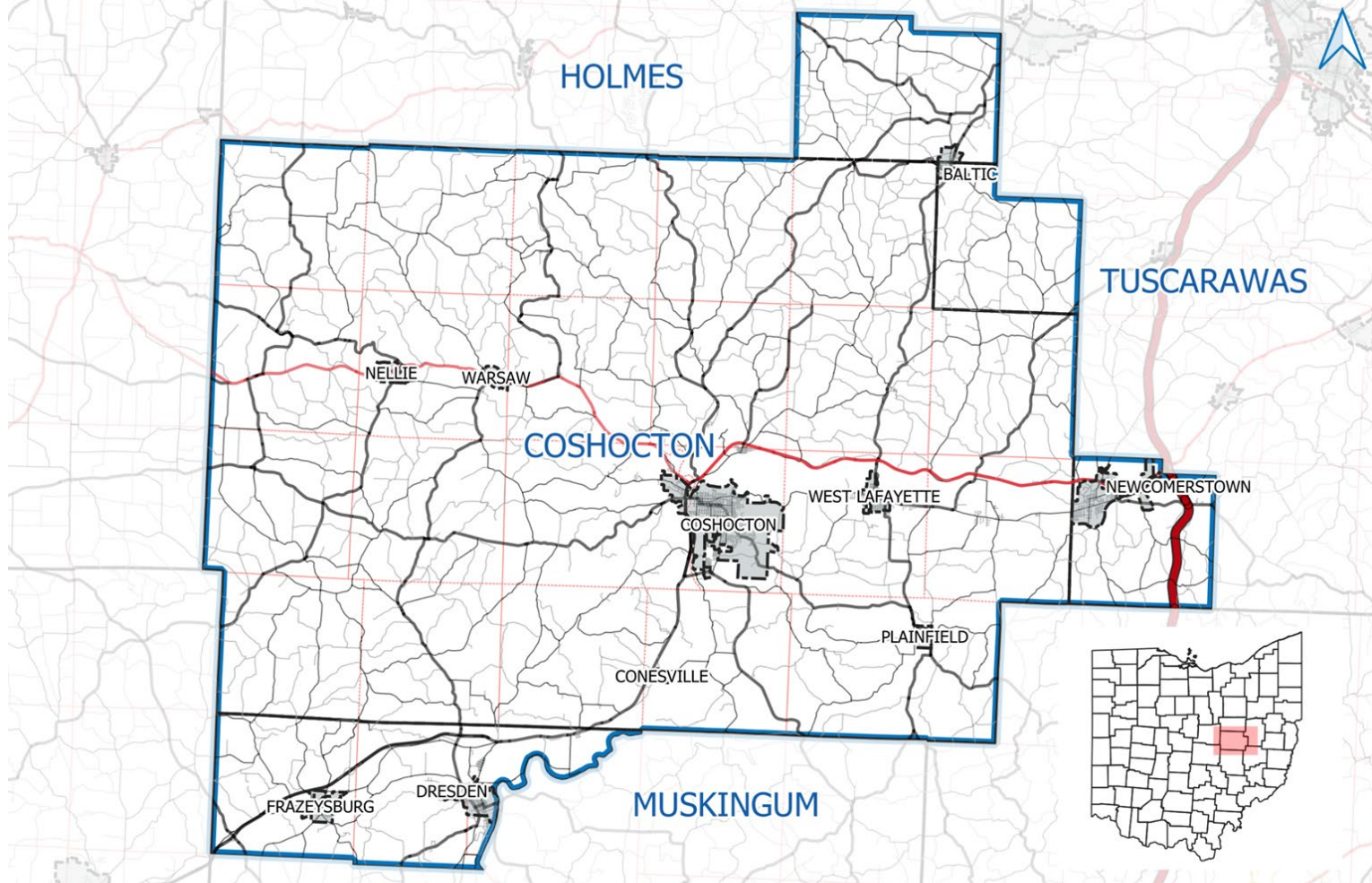


Figure 1 – Project Study Area

Key Data: Employer Feedback

- Transportation not generally received as an issue to initial employment.
- Transportation issues tend to manifest as employment continues.
- Limited carpooling and ridesharing observed. Walking, biking, and taxi use were prevalent.
- Large employers identified transportation as an issue; medium and small employers identified other employment challenges.

Key Data: Employer Feedback

- Employment data indicates that 'job churn' is taking place in the local market.
- Limited 'new' employment observed, many working to return to pre-COVID levels.
- Many employers cited increased retirements and remaining workers being close to retirement age.
- Several employers were optimistic about future transit options and expressed a willingness to participate/contribute in the future.

Key Data: Employer Feedback

- Shift timing varies greatly and will be a major challenge.
- Transit options were viewed as a way to 'refresh' the local talent pool.
- Fielded multiple questions about the status and availability of local Amish and Hispanic populations.
- Concerns regarding unionizing resulting from shared service environments.

Key Data: Employer Feedback

- Amish representatives did describe employment transportation challenges.
- Amish van network continues to be robust and well utilized.
- Some companies are sending work TO Amish communities rather than having workers come to them.
- Cautious interest in a larger transit network that might serve the Amish community.

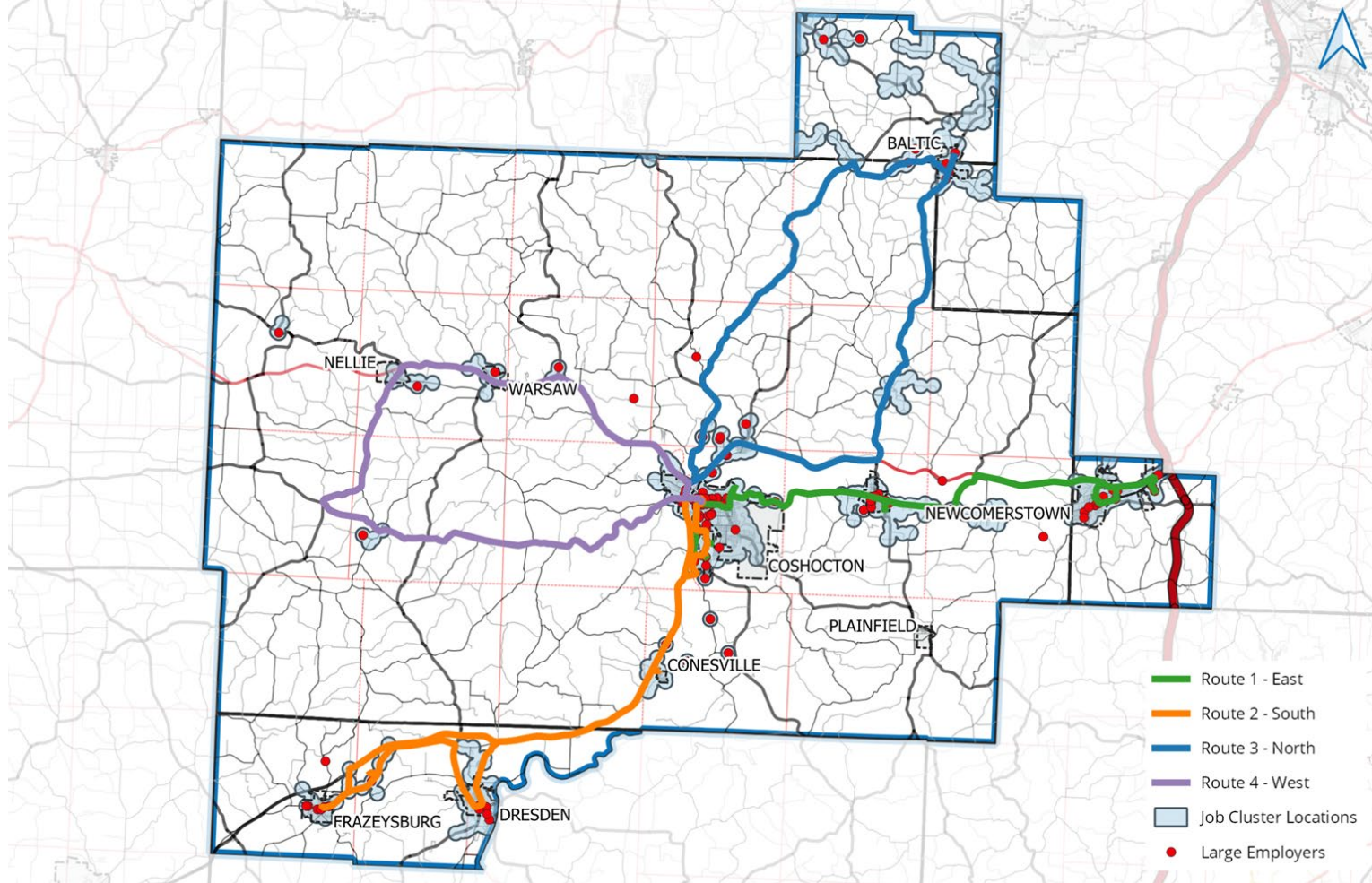


Figure 22 – Proposed Route Correlation with Employment Locations

Route Detail with Express Route and Stops

Route 1 – East

Route Origin:

Route Destination:

Number of Stops:

Distance (one way):

Total Distance:

Travel Time (one way):

Total Travel Time:

Major Employers:

31 Inc. Express

Coshocton Square

Express Packaging

13

27.7 mi.

47 mi.

Rural Route - 55.4 mi.

1 hr. 4 min.

1 hr. 35 min. Rural Route - 2 hr. 23 mins.

Ansell Healthcare, Annin & Co., Kraft Heinz, SanCast, McWane,
Wiley's Finest, Yankee Wire, Jones Metal,

Packaging

Route 1 – East

Within 1 Mile

Residential Addresses:

8,957

Est. Population:

22,393

Est. Population - 16+:

9,708

Employers:

1,201*

Employment:

13,308*

Mean Employment:

11

Potential Ridership:

223

| Route 1 East - Anticipated Costs | | Total Miles | All Costs - Full Time | | All Costs - Part Time | |
|----------------------------------|------------------|-------------|-----------------------|-------------|-----------------------|-------------|
| | | | Low | High | Low | High |
| 7 Days- 2x Day | Combined Route | 33,370 | \$37,891.76 | \$59,497.80 | \$35,375.23 | \$56,981.27 |
| | Rural Round Trip | 39,334 | \$49,671.96 | \$72,590.08 | \$45,881.24 | \$68,799.36 |
| 7 Days - 3x Day | Combined Route | 50,055 | \$53,411.10 | \$78,687.84 | \$49,636.31 | \$74,913.05 |
| | Rural Round Trip | 59,001 | \$71,081.39 | \$98,326.25 | \$65,395.31 | \$92,640.17 |
| 5 Days - 2x Day | Combined Route | 23,500 | \$28,711.31 | \$48,145.95 | \$26,939.10 | \$46,373.74 |
| | Rural Round Trip | 27,700 | \$37,007.22 | \$57,365.86 | \$34,337.70 | \$54,696.34 |
| 5 Days - 3x Day | Combined Route | 35,250 | \$39,640.42 | \$61,660.06 | \$36,982.11 | \$59,001.75 |
| | Rural Round Trip | 41,550 | \$52,084.29 | \$75,489.93 | \$48,080.01 | \$71,485.65 |

7 Days - 2x per Day *rural round trip* **cannot** be completed with one part-time driver.

7 Days - 3x per Day *rural round trip* **cannot** be completed with one full-time or one part-time driver.

7 Days - 3x per Day *combined route* **cannot** be completed with one part-time driver.

5 Days - 3x per Day *rural round trip* **cannot** be completed with one part-time driver.

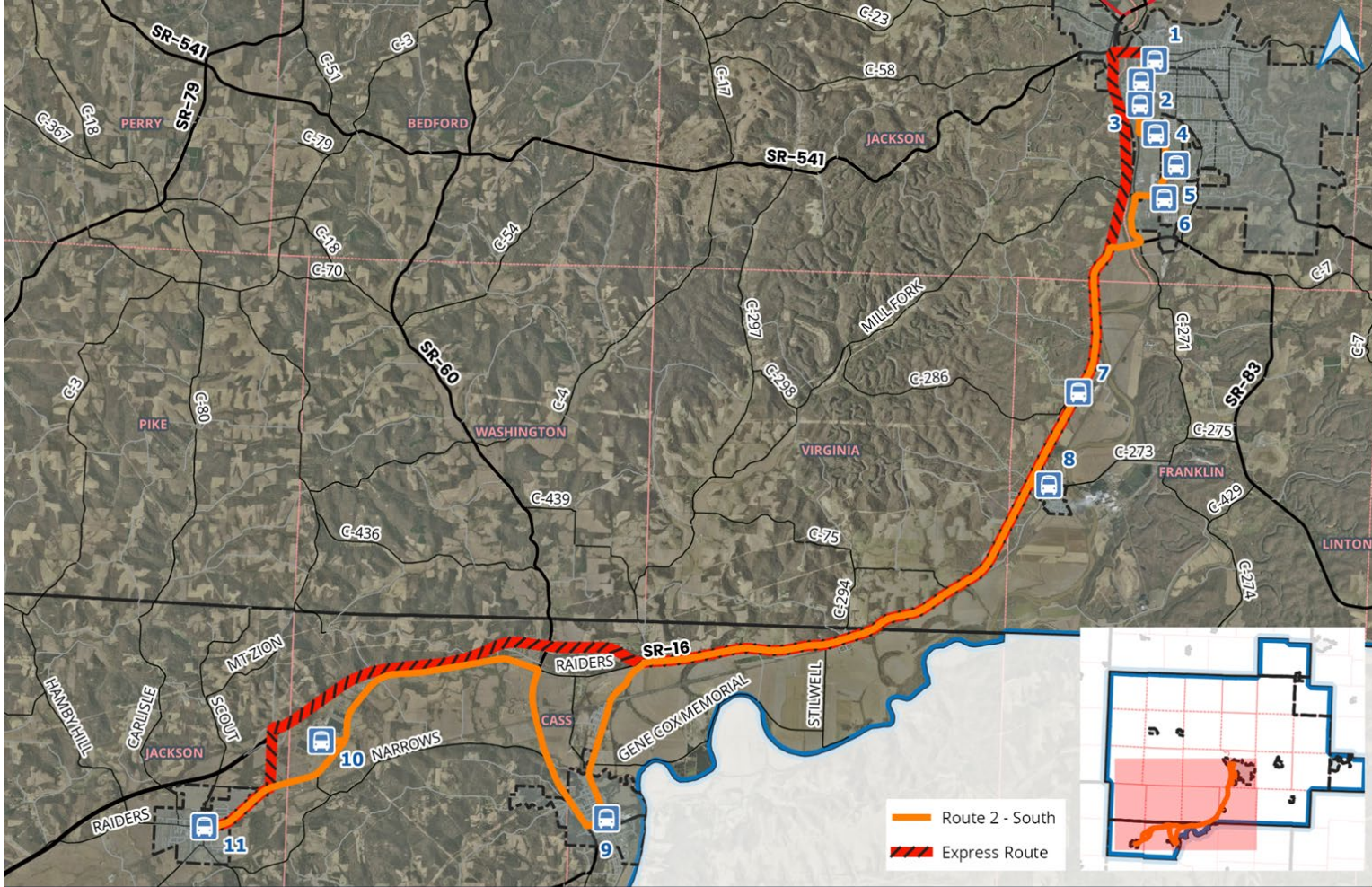


Figure 24 – Route 2 – South
Route Detail with Express Route and Stops

Route 2 – South

Route Origin:

Coshocton Square

Route Destination:

Downtown Frazeysburg

Number of Stops:

10

Distance (one way):

26.4 mi.

Total Distance:

47.4 mi.

Rural Route - 52.8 mi.

Travel Time (one way):

54 min. 10 sec.

Total Travel Time:

1 hr. 26 min.

Rural Route - 1 hr. 48 mins.

Major Employers:

Ansell Healthcare, Annin & Co., Kraft Heinz, SanCast, McWane,
Coshocton Works, Fanatics, Malouf

Route 2 – South

Within 1 Mile

Residential Addresses:

6,916

Est. Population:

17,290

Est. Population - 16+:

7,406

Employers:

983*

Employment:

11,860*

Mean Employment:

12

Potential Ridership:

170

| Route 2 South – Anticipated Costs | | Total Miles | All Costs - Full Time | | All Costs - Part Time | |
|-----------------------------------|------------------|-------------|-----------------------|-------------|-----------------------|-------------|
| | | | Low | High | Low | High |
| 7 Days- 2x Day | Combined Route | 33,654 | \$36,187.78 | \$57,856.30 | \$33,910.17 | \$55,578.69 |
| | Rural Round Trip | 37,488 | \$44,431.65 | \$66,943.65 | \$41,246.17 | \$63,758.17 |
| 7 Days - 3x Day | Combined Route | 50,481 | \$50,855.14 | \$76,225.60 | \$47,438.71 | \$72,809.17 |
| | Rural Round Trip | 56,232 | \$63,220.93 | \$89,856.61 | \$58,442.71 | \$85,078.39 |
| 5 Days - 2x Day | Combined Route | 23,700 | \$27,511.32 | \$46,989.96 | \$25,907.37 | \$45,386.01 |
| | Rural Round Trip | 26,400 | \$33,316.86 | \$53,389.50 | \$31,073.57 | \$51,146.21 |
| 5 Days - 3x Day | Combined Route | 35,550 | \$37,840.44 | \$59,926.08 | \$35,434.51 | \$57,520.15 |
| | Rural Round Trip | 39,600 | \$46,548.75 | \$69,525.39 | \$43,183.81 | \$66,160.45 |


7 Days - 3x per Day *rural round trip* **cannot** be completed with one full-time or one part-time driver.

7 Days - 3x per Day *combined route* **cannot** be completed with one part-time driver.

Figure 25 – Route 3 – North

Route Detail with Express Route and Stops

Route 3 – North

| | | |
|---|---|------------------------------|
| Route Origin: | Coshocton Square | |
| Route Destination: | New Bedford | |
| Number of Stops: | 5 | |
| Distance (one way): | 25.4 mi. | |
| Total Distance: | 41.3mi. | Rural Route - 50.8 mi. |
| Travel Time (one way): | 38 min. 12 sec. | |
| Total Travel Time: | 1 hr. 7 min. | Rural Route - 1 hr. 22 mins. |
| Major Employers: | Walmart, Genesis, Flex Technologies, Baltic Health Care Corp., Schlabach Wood | |
|  | | |

Route 3 – North

Within 1 Mile

Residential Addresses:

4,654

Est. Population:

11,811

Est. Population - 16+:

5,085

Employers:

782*

Employment:

9,316*

Mean Employment:

12

Potential Ridership:

117

| Route 3 North – Anticipated Costs | | Total Miles | All Costs - Full Time | | All Costs - Part Time | |
|-----------------------------------|------------------|-------------|-----------------------|-------------|-----------------------|-------------|
| | | | Low | High | Low | High |
| 7 Days- 2x Day | Combined Route | 29,323 | \$30,895.78 | \$51,611.48 | \$29,111.91 | \$49,827.61 |
| | Rural Round Trip | 36,068 | \$36,334.34 | \$58,533.94 | \$34,152.28 | \$56,351.88 |
| 7 Days - 3x Day | Combined Route | 43,985 | \$42,917.13 | \$66,858.36 | \$40,241.32 | \$64,182.55 |
| | Rural Round Trip | 54,102 | \$51,074.97 | \$77,242.05 | \$47,801.89 | \$73,968.97 |
| 5 Days - 2x Day | Combined Route | 20,650 | \$23,784.56 | \$42,592.20 | \$22,528.31 | \$41,335.95 |
| | Rural Round Trip | 25,400 | \$27,614.53 | \$47,467.17 | \$26,077.87 | \$45,930.51 |
| 5 Days - 3x Day | Combined Route | 30,975 | \$32,250.30 | \$53,329.44 | \$30,365.93 | \$51,445.07 |
| | Rural Round Trip | 38,100 | \$37,995.25 | \$60,641.89 | \$35,690.27 | \$58,336.91 |

All routes as modeled can be completed with one part-time or full-time driver.



Route 4 – West

Route Origin:

Coshocton Square

Route Destination:

West Bedford

Number of Stops:

3

Distance (one way):

21.9 mi.

Total Distance:

34.6 mi.

Rural Route - 43.8 mi.

Travel Time (one way):

35 min. 13 sec.

Total Travel Time:

58 min. 30 sec.

Rural Route - 1 hr. 14 mins.

Major Employers:

Feral Mountain*, Lonestar Fire Protection*, Shopwise

Grocery*, The



Mayor's Corner*

Route 4 – West

Within 1 Mile

Residential Addresses:

4,410

Est. Population:

11,025

Est. Population - 16+:

4,710

Employers:

685*

Employment:

8,210*

Mean Employment:

12

Potential Ridership:

192

| Route 4 West – Anticipated Costs | | Total Miles | All Costs - Full Time | | All Costs - Part Time | |
|----------------------------------|------------------|-------------|-----------------------|-------------|-----------------------|-------------|
| | | | Low | High | Low | High |
| 7 Days- 2x Day | Combined Route | 24,566 | \$27,377.04 | \$47,046.20 | \$25,832.08 | \$45,501.24 |
| | Rural Round Trip | 31,098 | \$33,100.16 | \$54,206.36 | \$31,109.24 | \$52,215.44 |
| 7 Days - 3x Day | Combined Route | 36,849 | \$37,639.02 | \$60,010.44 | \$35,321.58 | \$57,693.00 |
| | Rural Round Trip | 46,647 | \$46,223.71 | \$70,750.69 | \$43,237.32 | \$67,764.30 |
| 5 Days - 2x Day | Combined Route | 17,300 | \$21,306.57 | \$39,377.21 | \$20,218.58 | \$38,289.22 |
| | Rural Round Trip | 21,900 | \$25,336.94 | \$44,419.58 | \$23,934.88 | \$43,017.52 |
| 5 Days - 3x Day | Combined Route | 36,849 | \$28,533.32 | \$48,506.96 | \$26,901.32 | \$46,874.96 |
| | Rural Round Trip | 46,647 | \$34,578.87 | \$56,070.51 | \$32,475.78 | \$53,967.42 |

All routes as modeled can be completed with one part-time or full-time driver.

| All Routes – Anticipated Costs | | Total Miles | All Costs - Full Time | | All Costs - Part Time | |
|--------------------------------|------------------|-------------|-----------------------|--------------|-----------------------|--------------|
| | | | Low | High | Low | High |
| 7 Days- 2x Day | Combined Route | 120,913 | \$132,352.36 | \$216,011.78 | \$124,229.39 | \$207,888.81 |
| | Rural Round Trip | 143,988 | \$163,297.28 | \$252,033.20 | \$152,179.96 | \$240,915.88 |
| 7 Days - 3x Day | Combined Route | 181,370 | \$184,822.39 | \$281,782.24 | \$172,637.93 | \$269,597.78 |
| | Rural Round Trip | 215,982 | \$231,239.76 | \$335,814.36 | \$214,563.77 | \$319,138.37 |
| 5 Days - 2x Day | Combined Route | 85,150 | \$101,313.76 | \$177,105.32 | \$95,593.36 | \$171,384.92 |
| | Rural Round Trip | 101,400 | \$123,105.95 | \$202,472.51 | \$115,276.85 | \$194,643.41 |
| 5 Days - 3x Day | Combined Route | 138,624 | \$138,264.48 | \$223,422.54 | \$129,683.88 | \$214,841.94 |
| | Rural Round Trip | 165,897 | \$170,952.77 | \$261,473.33 | \$159,209.12 | \$249,729.68 |



Final Conclusions and Recommendations



Comments! Questions!

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