

WORKER TRIPS

| Construction Phase | MPG [2] | Trips | Trip Length (miles) | Fuel Used (gallons) | Total Gallons |
|-----------------------------|---------|-------|---------------------|---------------------|------------------|
| Site Preparation Phase | 24.0 | 18 | 10.8 | 8.10 | 486 |
| Grading | 24.0 | 20 | 10.8 | 9.00 | 1395 |
| Building Construction Phase | 24.0 | 1429 | 10.8 | 643.05 | 996727.5 |
| Paving Phase | 24.0 | 15 | 10.8 | 6.75 | 742.5 |
| Architectural Coating | 24.0 | 286 | 10.8 | 128.70 | 24066.9 |
| Total | | | | 795.60 | 1023417.9 |

VENDOR TRIPS

| Construction Phase | MPG [2] | Trips | Trip Length (miles) | Fuel Used (gallons) | Total Gallons |
|-----------------------------|---------|-------|---------------------|---------------------|------------------|
| Site Preparation Phase | 7.4 | 0 | 7.3 | 0.00 | 0.00 |
| Grading | 7.4 | 0 | 7.3 | 0.00 | 0.00 |
| Building Construction Phase | 7.4 | 558 | 7.3 | 550.46 | 853212.16 |
| Paving Phase | 7.4 | 0 | 7.3 | 0.00 | 0.00 |
| Total | | | | 550.46 | 853212.16 |

| Construction Phase | Days of Operation |
|-----------------------|-------------------|
| Site Preparation | 60 |
| Grading | 155 |
| Building Construction | 1550 |
| Paving | 110 |
| Architectural Coating | 187 |

| | |
|---|-------------------|
| Total Gasoline Consumption (gallons) | 1876630.06 |
| Total Diesel Consumption (gallons) | 280924.31 |

Sources:

[1] United States Environmental Protection Agency. 2018. Exhaust and Crankcase Emission Factors for Nonrod Compression-Ignition Engines in MOVES2014b. July 2018. Available at: <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100UXEN.pdf>.

[2] United States Department of Transportation, Bureau of Transportation Statistics. 2018. *National Transportation Statistics 2018*. Available at: <https://www.bts.gov/sites/bts.dot.gov/files/docs/browse-statistical-products-and-data/national-transportation-statistics/223001/ntentire2018q4.pdf>.

WORKER TRIPS

| Construction Phase | MPG [2] | Trips | Trip Length (miles) | Fuel Used (gallons) | Total Gallons |
|-----------------------------|---------|-------|---------------------|---------------------|------------------|
| Site Preparation Phase | 24.0 | 18 | 10.8 | 8.10 | 486 |
| Grading | 24.0 | 20 | 10.8 | 9.00 | 1395 |
| Building Construction Phase | 24.0 | 1429 | 10.8 | 643.05 | 996727.5 |
| Paving Phase | 24.0 | 15 | 10.8 | 6.75 | 742.5 |
| Architectural Coating | 24.0 | 286 | 10.8 | 128.70 | 24066.9 |
| Total | | | | 795.60 | 1023417.9 |

VENDOR TRIPS

| Construction Phase | MPG [2] | Trips | Trip Length (miles) | Fuel Used (gallons) | Total Gallons |
|-----------------------------|---------|-------|---------------------|---------------------|------------------|
| Site Preparation Phase | 7.4 | 0 | 7.3 | 0.00 | 0.00 |
| Grading | 7.4 | 0 | 7.3 | 0.00 | 0.00 |
| Building Construction Phase | 7.4 | 558 | 7.3 | 550.46 | 853212.16 |
| Paving Phase | 7.4 | 0 | 7.3 | 0.00 | 0.00 |
| Total | | | | 550.46 | 853212.16 |

| Construction Phase | Days of Operation |
|-----------------------|-------------------|
| Site Preparation | 60 |
| Grading | 155 |
| Building Construction | 1550 |
| Paving | 110 |
| Architectural Coating | 187 |

| | |
|---|-------------------|
| Total Gasoline Consumption (gallons) | 1876630.06 |
| Total Diesel Consumption (gallons) | 280924.31 |

Sources:

[1] United States Environmental Protection Agency. 2018. Exhaust and Crankcase Emission Factors for Nonrod Compression-Ignition Engines in MOVES2014b. July 2018. Available at: <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100UXEN.pdf>.

[2] United States Department of Transportation, Bureau of Transportation Statistics. 2018. *National Transportation Statistics 2018*. Available at: <https://www.bts.gov/sites/bts.dot.gov/files/docs/browse-statistical-products-and-data/national-transportation-statistics/223001/ntentire2018q4.pdf>.

Operational Trips

| Use | Annual Miles | MPG | Total Gallons (50%) |
|--------------------------------|---------------------|------------|----------------------------|
| Refrigerated Warehouse-No Rail | 6277557.0 | 24 | 130,782.44 |
| Other Non-Asphalt Surfaces | 0.0 | 24 | 0.00 |
| Parking Lot | 0.0 | 24 | 0.00 |
| | | Total | 130,782.44 |

| Use | Annual Miles | MPG | Total Gallons (50%) |
|--------------------------------|---------------------|------------|----------------------------|
| Refrigerated Warehouse-No Rail | 6277557.0 | 7 | 448,396.93 |
| Other Non-Asphalt Surfaces | 0.0 | 7 | 0.00 |
| Parking Lot | 0.0 | 7 | 0.00 |
| | | Total | 448,396.93 |
| | Grand Total: | | 579,179.37 |

| Land Use | Power Cost (per 1000 SF of construction per month)¹ | Size (in 1000 SF) |
|----------------------|---|--------------------------|
| North building | \$2.32 | 460.218 |
| South building | \$2.32 | 476.319 |
| Hardscape | \$2.32 | 1,296.50 |
| Solar | \$2.32 | 76.604 |
| Landscape/Open Space | \$2.32 | 915.43 |
| Total | | 3,225.07 |

| Land Use | Cost per kWh¹ | Electricity Usage (kWh) |
|----------------------|---------------------------------|--------------------------------|
| North building | \$0.08 | 1,281,246.91 |
| South building | \$0.08 | 1,326,072.10 |
| Hardscape | \$0.08 | 3,609,450.43 |
| Solar | \$0.08 | 213,265.54 |
| Landscape/Open Space | \$0.08 | 2,548,559.90 |
| Total | | 8,978,594.88 |

| Construction Duration (months) | Construction Power Cost |
|---|--------------------------------|
| 96 | \$102,499.75 |
| 96 | \$106,085.77 |
| 96 | \$288,756.03 |
| 96 | \$17,061.24 |
| 96 | \$203,884.79 |
| | \$718,287.59 |