CMV ENGINEERING

5751 Greenton Way
St. Louis, Missouri 63128
Phone/Fax 314-487-5354

February 18, 2009

Crystal City Building Department
130 Mississippi Ave.
Crystal City, Mo. 63019

Attn: Dave Kozal

Re: Conditional Use Permit Application
Wings Enterprises

Dear Mr. Kozal,

Over the past several weeks, various questions and comments have been directed toward me. I have listed the items below with a response.

Roger Baker Letter:

A letter from Roger Baker, written prior to the P & Z meeting of 1/22/09, was hand carried to me at said meeting. The letter requested information on production capacity, description of process, the truck traffic, and input and output of the facility. All questions were answered in the Alberici presentation at the 1/22/09 meeting. I do not feel a formal response is necessary.

Production Worker Parking:

The parking for workers at the plant has been mentioned on more than one occasion. My understanding of the parking situation is as follows:

200 production related jobs on each of 3 shifts staggered to accommodate a 7 day per week operation means that 600 workers will be hired to staff a seven-day / 3 shift operation

Calculation for worker per shift:
No. of shifts to be filled: 3 shifts/day x 7 days = 21 shifts
No. of shifts provided by 600 workers working 5-8 hr. shifts per week:
600 x 5 = 3,000 man-shifts available
No. of workers per shift: 3,000 man-shifts / 21 shifts = 143 men per shift

EXHIBIT

Parking spaces required at shift change:

143 workers in plant + 143 workers coming to work = 286 workers on site at shift change

CC ordinance requires 2 parking spaces per 3 workers

Total spaces required: 2 spaces for 286/3 = 191 spaces

Alberici has stated that they will incorporate this into their design. Please keep in mind that the site has ample room for additional parking, if needed. The intention of the ordinance is to keep workers from parking on city streets. This will not be the case for this facility.

Traffic Study:

The volume of traffic involved does not require a formal traffic study. Based on 143 cars traveling to the facility at shift change, we estimate that the volume of cars will be spread over a 20 minutes time frame, or around 7 cars per minute. Assuming that 5 cars/minute will come from Bailey Road and 2 cars/minute from Mississippi Ave., traffic jams and resident inconvenience will be minimal. As a comparison, the latest MoDOT traffic count for Hwy 61-67 at Bailey Road is 22,436 average vehicles per day. The iron ore facility will not stress the traffic on city streets.

Sincerely,

Carl M. Vogt, P.E.
CMV Engineering, LLC