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REVIEW 3RT SAND MINE:

Section 50-719 Mining and Excavation...

- I. A special exception approval is required.
 - a. Proposed activity is classified as Major Mining as it proposes to remove more than 10,000 cy of material from a parcel greater than 20 acres.
Requires compliance with 50-719 and applicable section of Chapter 50, Division 5, Article XIII [sic]prior to commencement of operations.
Requires a Excavation and fill permit prior to operations.
 - b. This site is not an vested or approved existing mining operation
 - c. Exemptions. Proposed activity does not appear to meet the criteria for any of the listed exemptions.
- II. Special Exception for major mining criteria, standards and conditions:
 - a. Special Exception approval required by being a mining or excavation activity
 - b. The proposed project does not appear to meet the exemption requirements
 - c. Minimum criteria
 1. Must meet requirements of 50-719 and Division 5
 2. The access for the proposed activity is shown to be through “family” land from the mining area to County Road C-337. County Road C-337 is classified as “Major Collector-Rural” on the FDOT Functional Classification Map. The applicant has submitted a “Pavement Analysis” for C-337 which indicates the roadway has sufficient strength to accommodate the additional truck traffic based on 75 one-way trips and that the increase in traffic is minimal. The applicant also submitted a “Traffic Impact Statement, Roadway Capacity” which found that the roadway has adequate volume capacity to handle the additional traffic.

While the project traffic volume is low relative to the background traffic on C-337, the project truck traffic is a significant portion of the Equivalent 18K Axle Loads (ESAL). Using background traffic information from FDOT Open Data Hub Truck Volume TDA website, the proposed additional truck traffic represents approximately 50 to 60 percent of the total projected ESALs on C-337. This has the effect of decreasing the expected life of the roadway by 50 to 60 percent.

Based on the information submitted by the applicant, the roadway volume capacity would not be diminished below Level of Service C (the Comprehensive Plan required level of service).

Sight distances at the connection to C-337 were not addressed in the report. There is an existing driveway for the property at this location.