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| ROAD NAME OR NUMBER | COUNTY/CITY NAME |
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1. **IDENTIFICATION**

Submitted By: Application For:

Applicant:       **Opening** a public highway-rail grade crossing

by:

Office:        new rail line construction

new roadway construction

Telephone:        conversion of private to public highway-rail

grade crossing

Address:

1. **CROSSING LOCATION**

FDOT/AAR Crossing Number:

Jurisdiction for Street or Roadway by Authority of:  City  County  State

Local Popular Name of Street or Roadway:

Railroad Company:

Railroad Mile Post:

Submitted for the Applicant by:       DATE:

Name and Title

Application FDOT Review by:       DATE:

Central Rail Office

REFERENCES:

(Specific Legal Authority) 334.044 F.S.

(Law Implemented) 335.141 F.S.

(Administrative Rule) 14-57.012 F.A.C.

**Opening Application Questionnaire**

**Design plans, maps, aerials, and supporting documentation must be provided with the application.**

If all parties, Applicant, Railroad, and Department, fail to agree to the rail crossing opening through a Stipulation of Parties, the Applicant must establish the crossing meets the criteria found in Rule 14-57.012, Florida Administrative Code. This questionnaire will assist the Department in evaluating the criteria and is not intended to be an exclusive list of factors. If the information is not available or unknown, please mark N/A.

**Florida Administrative Code criteria:**

1. **Safety**

a-1. How will the proposed crossing affect safety to drivers, pedestrians, cyclists, and rail personnel?

a-2. Has grade separation been considered in planning the crossing?       If not, why?

a-3. What crossings will be submitted for closure to offset the safety impacts of a new crossing opening?

a-4. What safety measures are designed for the proposed crossing?

a-5. What is the distance from the proposed crossing to the nearest intersection? Identify the street.

a-6. Are there plans for any structures to be built near the crossing intersection?

a-7. Identify all major traffic generators (i.e., businesses, shopping malls, recreational areas, special events, etc.) in this area. Specify type, location, and distance to proposed crossing.

a-8. Provide a traffic operations and safety analysis, with traffic issues evaluated for the railroad crossing, train traffic movements, and railroad preemption. This analysis should include all proposed developments in the immediate vicinity and the increase in traffic predicted from the developments.

1. **Necessity for rail and vehicle traffic**

b-1. Why is the crossing necessary?

b-2. Provide excerpts from the Comprehensive Plan or any other transportation plans relative to the proposed crossing.

b-3. Provide description of land use on each side of the rail crossing.

b-4. Provide predicted Annual Average Daily Traffic (AADT) at the crossing.

b-5. Provide level of service at the crossing.

b-6. Provide anticipated AADT and level of service in 5 years.

b-7. Provide predicted percentage of truck traffic and anticipated truck traffic 5 years out.

b-8. Will trucks carry hazardous materials?       If so, approximately how many trips per day or week?

b-9. Will school buses use the crossing?       If so, how many school buses will use the crossing per day or week?

b-10. Will emergency rescue vehicles use the crossing? If so, approximately how many trips per day or week?

b-11. What is the predicted number of pedestrians and bike riders that will use the proposed crossing? What is the predicted number of users 5 years out?

b-12. Please provide any corridor studies or other preliminary traffic engineering studies that pertain to this crossing.

1. **Alternate Routes**

c-1. Are there access roads available to property owners if the crossing is not there?

c-2. Name routes currently used or intended for use if the crossing is not approved?

c-3. Are there traffic signals on these routes?

c-4. How does the proposed crossing, if built, affect the AADT at nearby public crossings? Provide estimated traffic count changes, if any.

1. **Effect on rail operations and expenses**

d-1. Provide current number and type of rail tracks.

d-2. Are there rail sidings or switches in the location of the proposed crossing?

d-3. Is there a nearby rail yard?       If so, what is the distance of the yard to the proposed crossing.

d-4. Provide the current number of daily train movements (number of switching or thru trains; number of passenger or freight trains).

d-5. Provide the approximate times during the day and evening that the crossing will be blocked.

d-6. Provide the approximate length of time (i.e., minutes) that the crossing is blocked.

d-7. Provide minimum and maximum train speeds at the proposed crossing.

d-8. What is the anticipated expansion of tracks and/or train movements?

d-9. What is the distance from the proposed crossing to adjacent public crossings? (Identify adjacent crossings by road name and crossing number.)

d-10. What are the estimated costs of the crossing installation and annual maintenance?        Who will be responsible for the costs of installation and maintenance?

1. **Closure of one or more public crossings to offset opening a new crossing**

e-1. Provide the names and crossing numbers of any crossing closure candidates that may offset the opening of the proposed crossing.

1. **Design of the grade crossing and road approaches**

f-1. Submit design plans, inclusive of location of sidewalks, bike lanes, and traffic control devices, including pavement markings, signs, and highway traffic signals.

f-2. What future changes are proposed (ex: phase one is a 2-lane roadway, left turn lane to be added in phase two)?

f-3. What is the vehicular design speed at the proposed crossing?

f-4. How many thru or turn lanes?       Divided or undivided?

1. **Presence of multiple tracks and their effect upon railroad and highway operations**

g-1. Please confirm the number of tracks at the location and identify each track.

g-2. How many train movements occur on each track and the types of trains that run on each track (passenger, thru freight or switching freight, and the number of cars)?