



City of Jacksonville LDPM Volume 2: Roadway and Pavement Design

We're taking the guesswork out of transportation design and using the City's existing GIS Portal to communicate that information to Jacksonville's design professionals. Roadway and pavement design criteria are based on the road's functional class, context sensitive design class, development area, and truck route designation. **Reference Sections 2.1 and 2.2 of the LDPM for detailed guidance.**

Use the **Land Development Review Map** on the City's GIS Portal, at maps.coj.net/landdevelopmentreview/, to look up the specific design criteria for your roadway design project.

1 Roadway Functional Classification

Select the **Functional Roadway Classification** under Transportation in the Layers Legend

If your project involves a brand new roadway, the Planning Department will communicate the assigned Functional Highway classification at the project's pre-application meeting.

Note: Existing roads not shown with a specific designation on the map are unclassified local roads.

2 Context Sensitive Design Classification

Select the **COJ Design Context Classification** (*this is not the same as the FDOT Context Classification*).

The 8 possible design classifications are defined in the **LDPM Volume 2 Section 2.**

3 Truck Route Destination

Preferred Truck Routes (COJ Roads) will have specific design criteria to accommodate larger design vehicles.

This layer shows only the COJ roads that have been designated as preferred truck routes.

Note: There are additional FDOT designated truck routes, but those are shown on a separate layer for clarity.

4 Development Area

Development Areas under Land Development Review, Land Use - Zoning

The development area defines the desirable development characteristics to maintain community growth according to the City's comprehensive plan.

ROADWAY DESIGN CRITERIA

Use the **Roadway Design Matrix** figure to determine the letter category.

Take your letter classification and find the corresponding development area design criteria information on the **Roadway Design Criteria table**



Pavement Design Criteria are based on the type of road being designed. Local and neighborhood roads use a standard pavement design, while larger roads will require additional data and engineering analysis to develop a site-specific pavement design. Specific criteria are outlined in Section 2.3 of the LDPM.

The LDPM is now configured to work in conjunction with the City's other platforms - JaxEpics and Electronic Civil Site Plan Review. You can now submit pre-application meeting requests and Civil Design Deviation requests through JaxEpics and easily track your requests through the review process.

HELPFUL LINKS:

JaxCivilPlan: jaxcivilplan.coj.net

JaxGis: maps.coj.net/jaxgis

JaxEpics: jaxepics.coj.net



Consolidation & Accessibility



All information is now location in one convenient location

Scan or click to access



To learn more about the updates to the LDPM, check out our video series.

