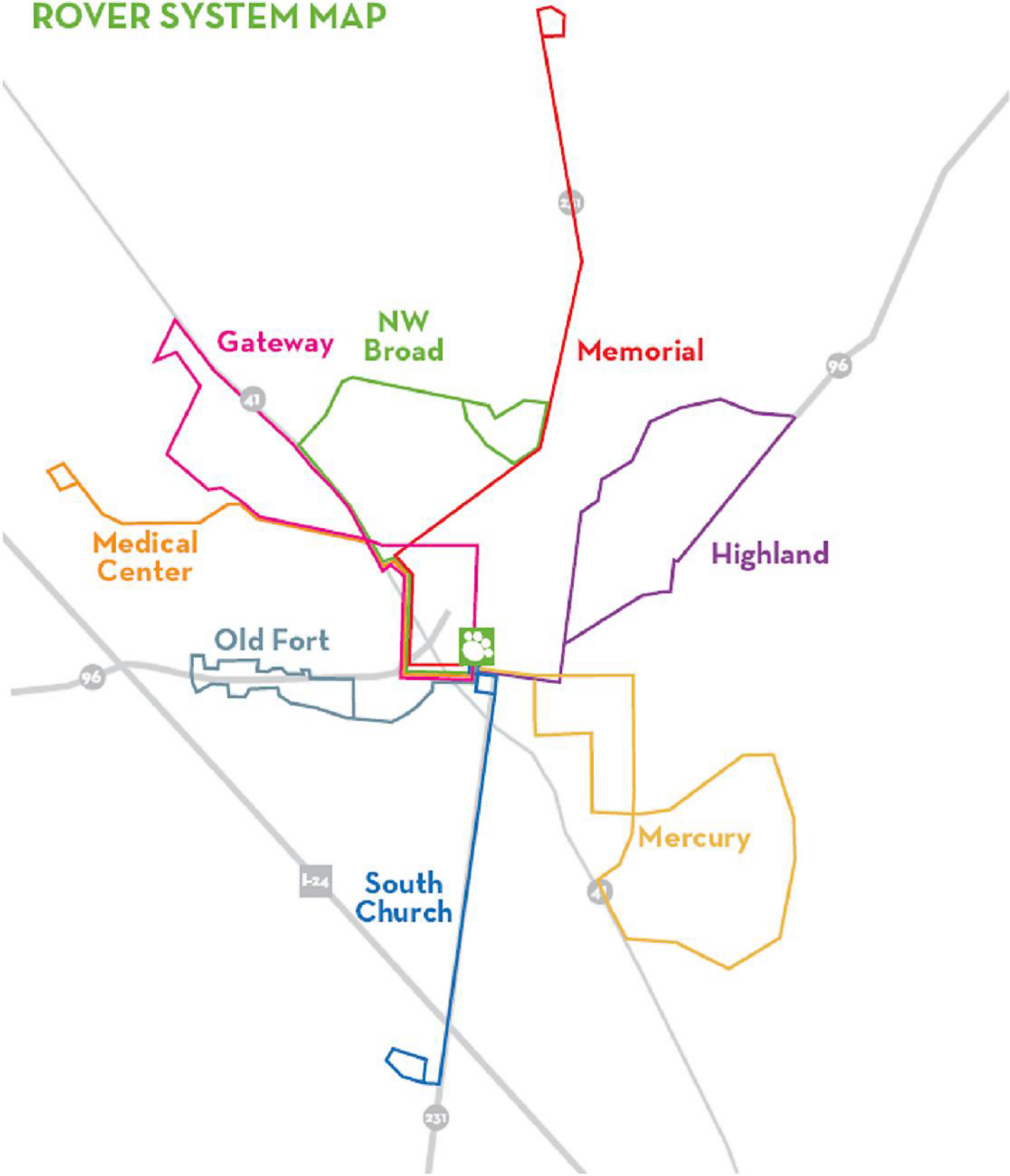ROVER SYSTEM MAP