



EXPRESS LANES  
OPEN

# Occupancy Detection System

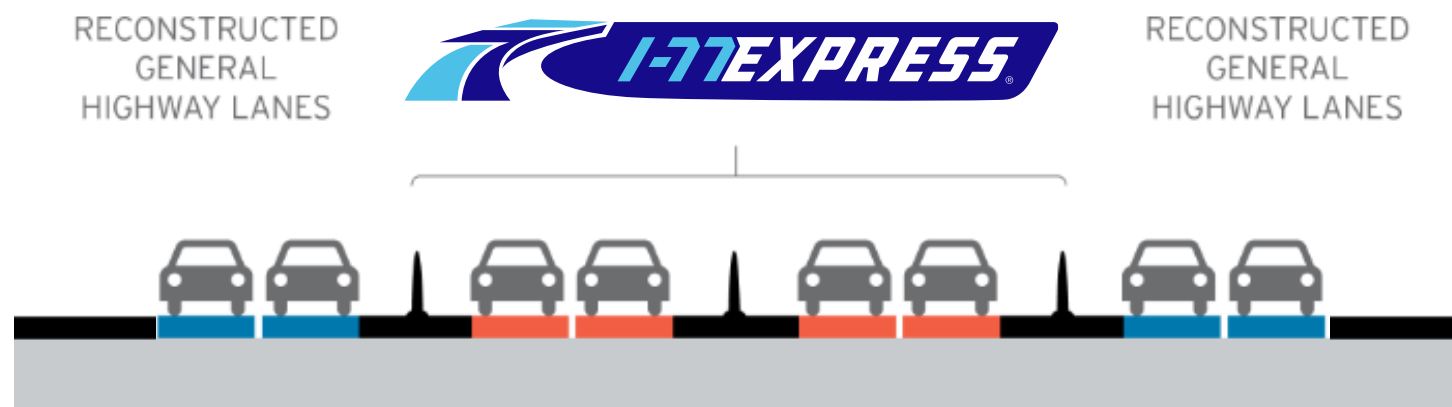
[www.I77Express.com](http://www.I77Express.com)

# EXPRESS LANES BENEFITS



**Express Lanes are tolled lanes adjacent to existing highway lanes that add reliable travel capacity using dynamic pricing**

- Provide a choice for drivers traveling on I-77 between Charlotte and Mooresville
- Ensure a minimum level of service (>48mph speeds) by managing traffic demand through dynamic pricing
- Maximize the effective capacity of a corridor by assisting with traffic flow in all lanes

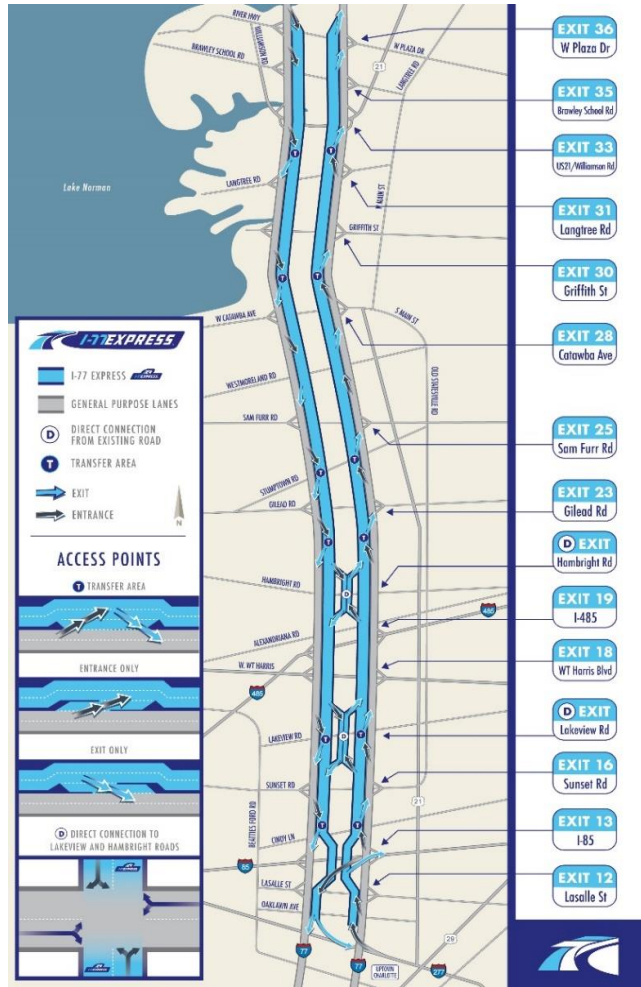
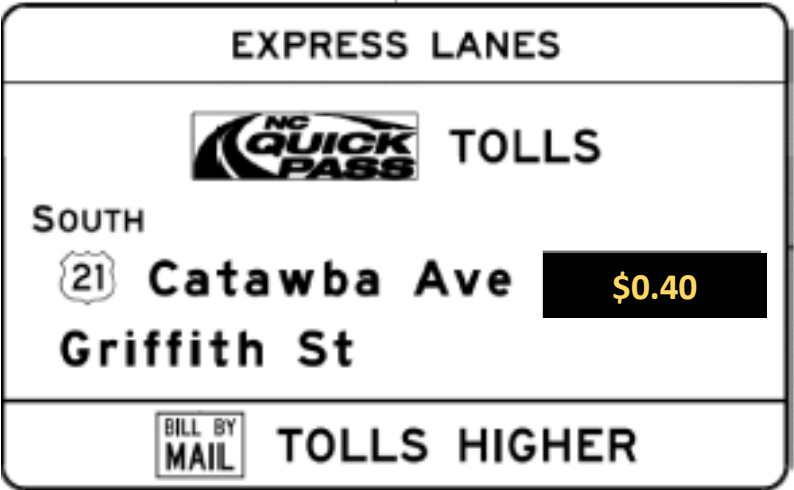


# DYNAMIC PRICING = RELIABLE TRAVEL



Each segment has entrance and exit points and is individually priced with rates displayed on signs ahead of every segment.

**Pre-declared HOVs (3+ occupants) travel for free using the HOV3+ discount**



# HOV3+ PROGRAM



## HOV3+ Benefits

Vehicles with 3+ occupants may use the HOV3+ discount to travel I-77 Express for **free** by pre-declaring HOV3+ status using an NC Quick Pass Flex Transponder or the NC Quick Pass app.

## HOV3+ Misuse

Tolls rates and demand for the express lanes are correlated, so improper use of HOV3+ status by drivers can reduce toll lane capacity and inflate dynamic toll pricing, unfairly increasing tolls for other vehicles in the express lanes.

## HOV3+ Enforcement

The occupancy detection system is a customer-friendly process to ensure fair use of the HOV3+ discount.

The system enhances current enforcement efforts to ensure reliable travel in the express lanes and fair, accurate tolling.

# OCCUPANCY DETECTION SYSTEM

