



EXPRESS LANES
OPEN

Key Facts and Benefits

www.I77Express.com

System Map



- The project entailed the reconstruction of 26 miles of roadway along the I-77 corridor north of Charlotte
 - Addition of 2 optional Express Lanes per direction
 - Rehabilitation of the General Purpose lanes (maintaining the same general purpose lane capacity)
 - Improved connectivity at the I-85 and I-277 interchanges
 - Added direct connectors to / from Lakeview and Hambright roads
- Constructed a new pedestrian tunnel under I-77 in Huntersville and new roundabouts on Griffith Street in Davidson
- New sidewalks, bike lanes, and lighting were added to five cross-street bridges in the corridor



Public-Private Partnership Benefits



- Public-private Partnership (P3) between North Carolina Department of Transportation and I-77 Mobility Partners, creating about \$800 million in roadway benefits and new travel options to the region
- With P3 model, the state retains ownership of the asset and sets the rules for the Concession for the term of the agreement. NCDOT has continuous oversight of the performance of the project
- Open and competitive state procurement process with agreement entered into on June 26, 2014, with project completed and open to the public in November 2019
- The project is providing improved mobility, reduced congestion and reliable travel times to the region
- Private investment through a P3 agreement allowed for the project to be completed years sooner than originally anticipated
- NCDOT retains the highway and the facilities after the contract expires



Overview Of The Project



I-77 Highway Key Figures

- 250** lane-miles
- 19** toll gantries
- 60** cameras
- 1,400,000** square feet of walls
- 48** miles of fence
- 165,000** feet of guardrail
- 2,000,000** feet of striping
- 420** acres of mowing
- 27,000** delineators
- 18** bridges



I-77 Express Benefits



- More than **33 million** trips have been taken on Express Lanes as of Jan. 2023
- Economic development benefits to date:
 - Estimated **\$1.6 billion** in economic output impact
- Job creator (during construction):
 - **4,646** jobs created
 - **244** firms engaged
 - **206%** of Disadvantaged Business Enterprises Goal
- Employees and contractors:
 - **3,225** hours roadside assistance
 - **4,353** delineators replaced
 - **2,800** acres mowed
 - **921** miles swept
 - **7,824** feet guardrail replaced
 - **3,359** cubic yards litter collections



Local Footprint - Culture Of Service



I-77 Mobility Partners employees **work and live in the region**. We reinvest in our community by partnering with local nonprofits.



I-77 Drive for Community is an annual giving campaign that has distributed **\$125,000 benefitting 25 local nonprofits** since 2018



Distributed more than **\$150,000 to regional food banks and housing support facilities** for COVID-19 relief



Staff members have volunteered **more than 3,300 hours of service** to the community and local nonprofits

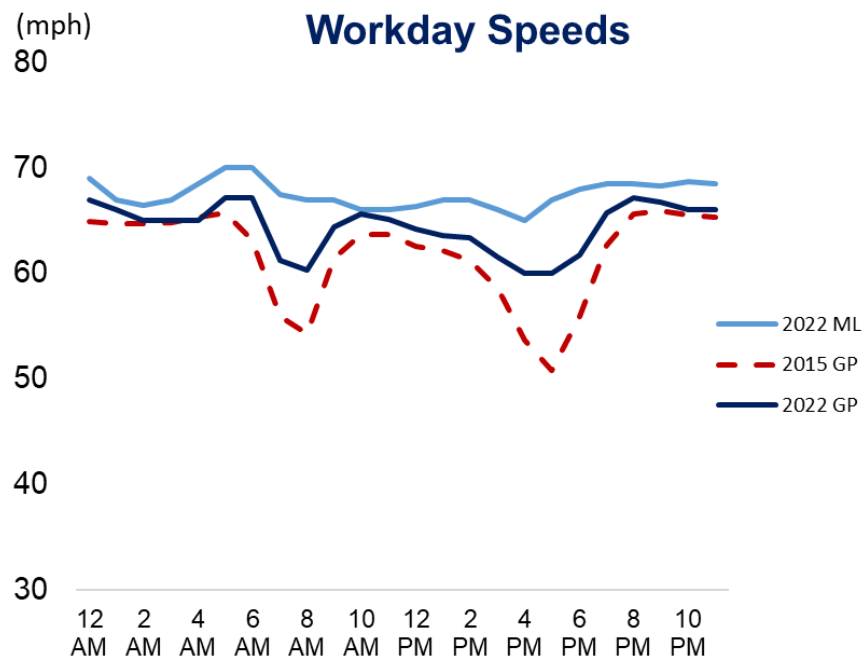


STEM and Early Education

- Funded Discovery Place Education Studio and sponsored Discovery Place Kids Huntersville annual "Touch a Truck" family event:
Total Investment = \$90,000
- Funded CMS STEM partnerships with North Mecklenburg High School and Walter G. Byers School:
Total Investment = \$50,000



Congestion Relief For All



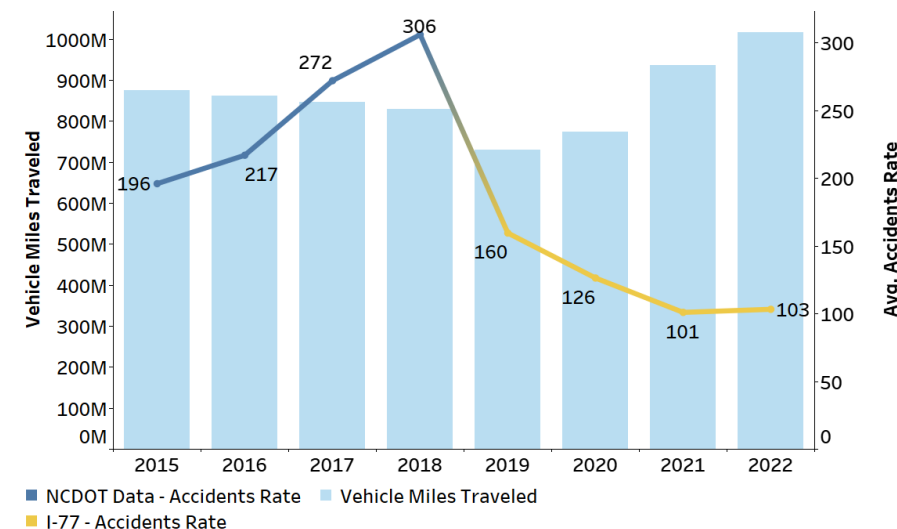
Travel reliability and safety improvements for all motorists

In 2022, +90% of the time the GPL speeds were above 60 mph on weekdays

In 2022, 100% of the time the Express Lanes speeds were at a free-flow level

GPL average speeds are much better than in pre-construction conditions, despite the whole corridor carrying significantly more traffic.

- **>15% increase in average speeds during the peak periods on GPLs**
- **>20% traffic increase in the corridor volume compared to the pre-construction levels**

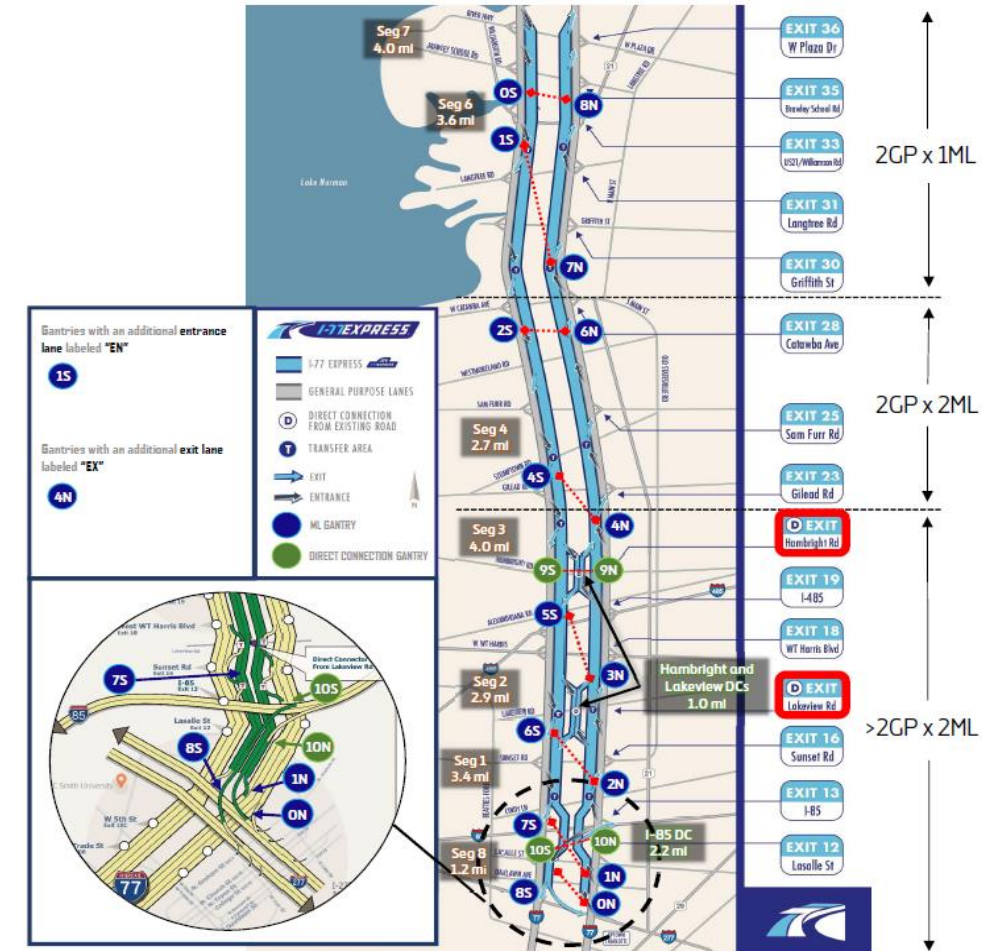


Segment-Based Express Lanes



I-77 Express Lanes use Segmented Tolling

- Users have the option to drive in the Express Lanes
- Drivers are presented with the rate and have a choice to enter and exit before the next segment
- Free tolls are provided to High Occupancy Vehicles (HOV+3), Transit and Emergency Responders



Express Lanes for ALL



Option for all

\$15

Bill/month

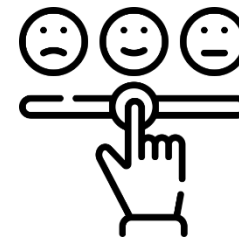


Not “Lexus Lanes”

76%

Drive non-luxury brands

Ford, Chevy, Dodge top brands



High Driver Satisfaction

75+%

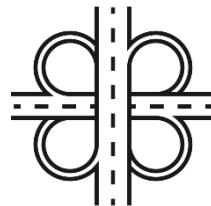
Positive experience



Benefits for Thousands

300k+

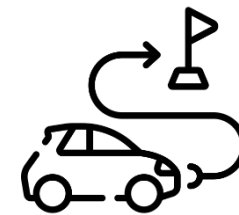
Distinct Users/month



Mobility for Millions

1M

Trips/month



Large User Base

>3.0+M

Distinct vehicles

In Summary...



- I-77 corridor has experienced an increase in traffic volumes by >20% compared to the pre-construction level
- Congestion has decreased >50% and average speeds in workday peak-hours have increased by >15%
- Accident rate has decreased by 90%
- Express Lanes provide an option for a reliable trip and give flexibility to ALL drivers



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Thank you!

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