



The Town *of* Davidson

College Town, Lake Town, Your Town



The Town *of*
Davidson

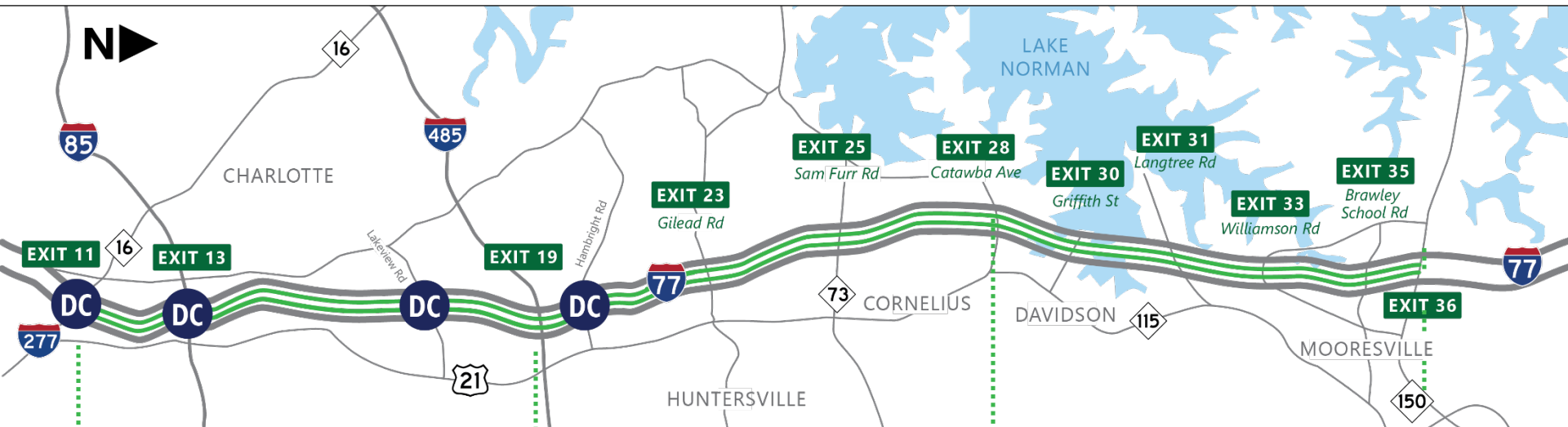
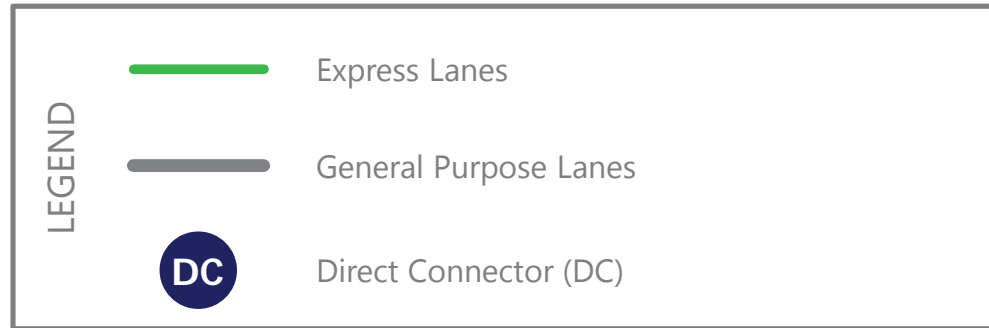
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I-77 Peak Period Shoulder Lanes
J. Travis Johnson, Planning

Peak Period Shoulder Lanes

- Proposed Peak Period Shoulder Lanes on I-77 North corridor
- Discuss plan, funding, and schedule for CRTPO coordination.

I-77 Express Lanes Project Scope



South (I-277 to I-485):

2 Express Lanes +
3-4 GP Lanes in each
direction

Central (I-485 to Catawba Avenue):

2 Express Lanes +
2-3 GP Lanes in each
direction

North (Catawba Avenue to NC 150):

1 Express Lane +
2 GP Lanes in each
direction

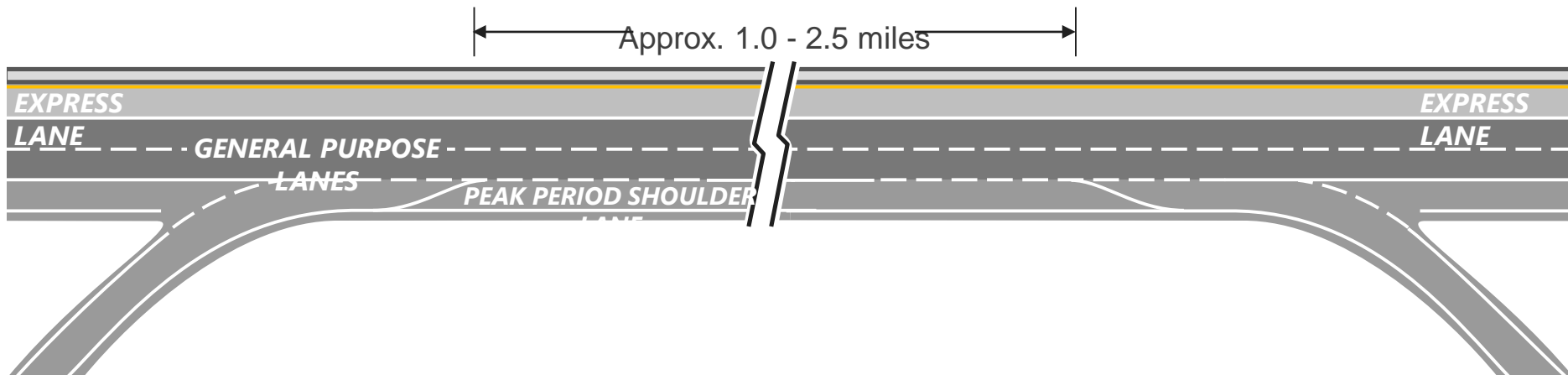
Local Advisory Group (LAG)

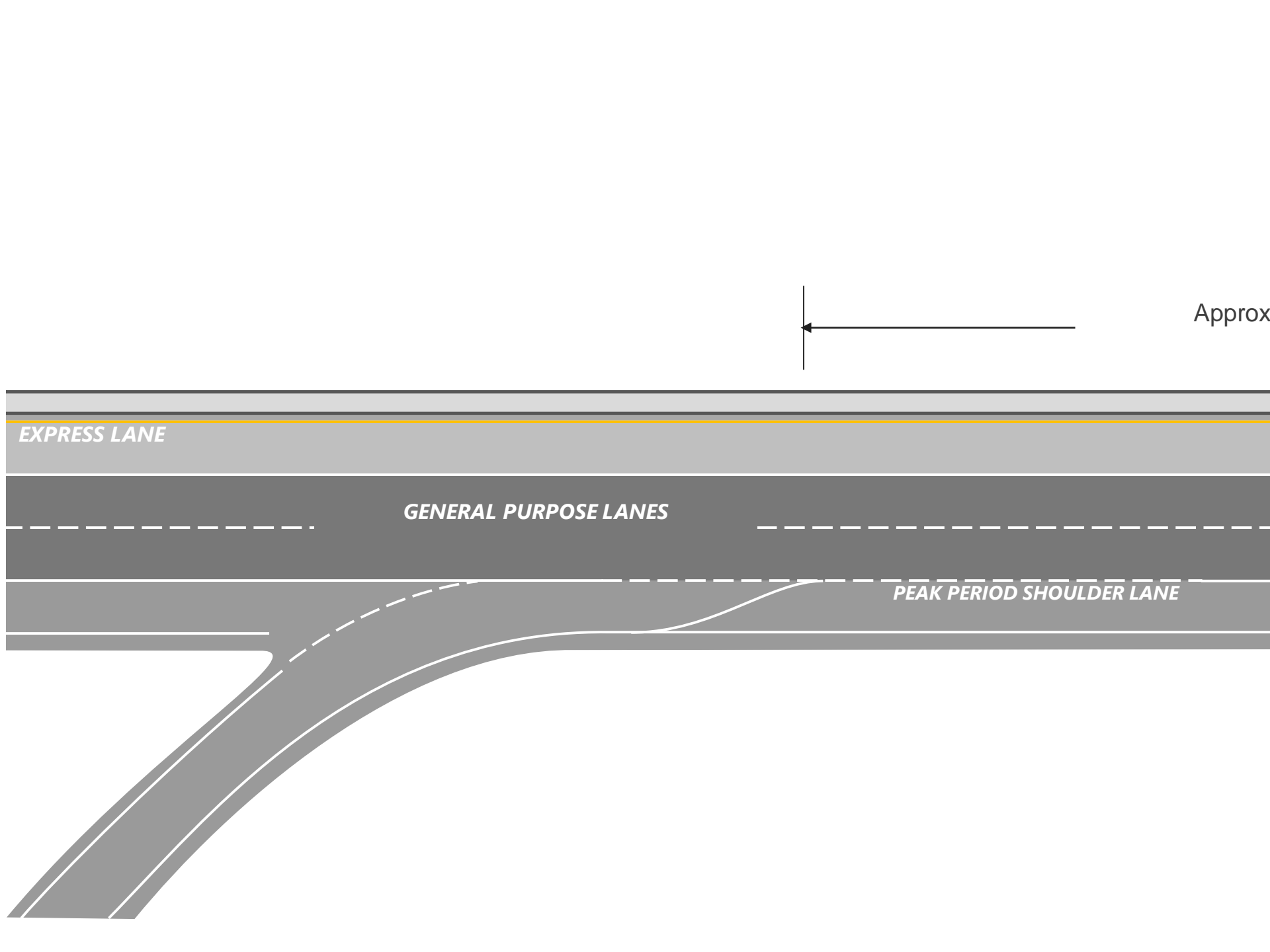
Two potential improvements

- Long Term: Add non-toll capacity
- Near Term : Peak Period Shoulder Lanes
(operational improvements)

Peak Period Shoulder Lanes?

- Usage of outside shoulder during peak periods
- Shoulders act as auxiliary lanes to help local travel between interchanges





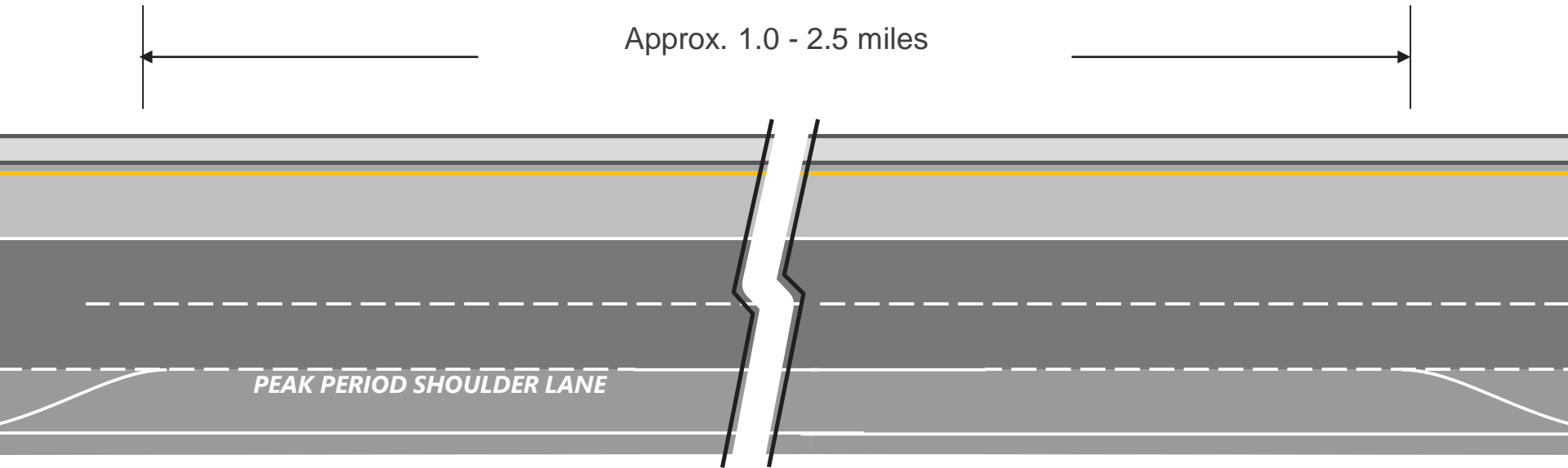
Approx

EXPRESS LANE

GENERAL PURPOSE LANES

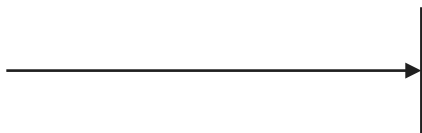
PEAK PERIOD SHOULDER LANE

Approx. 1.0 - 2.5 miles

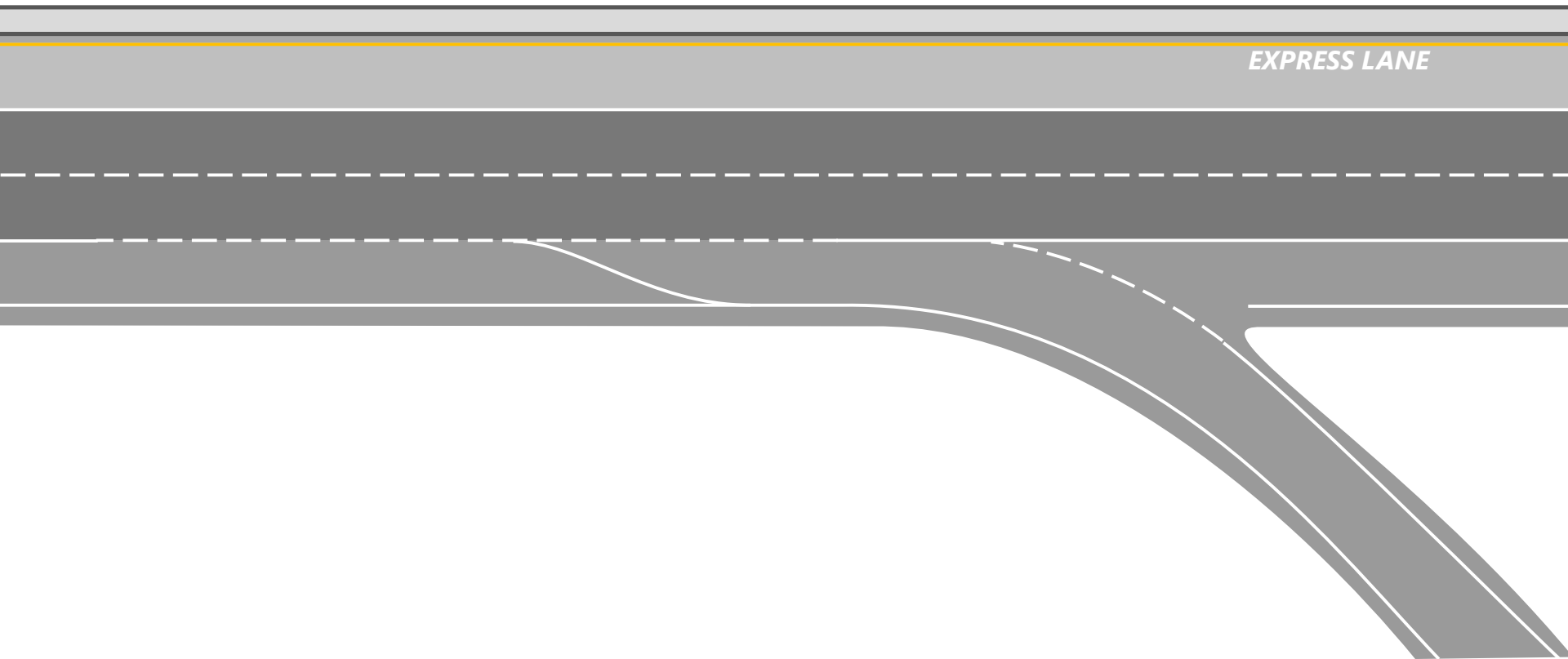


PEAK PERIOD SHOULDER LANE

les



EXPRESS LANE



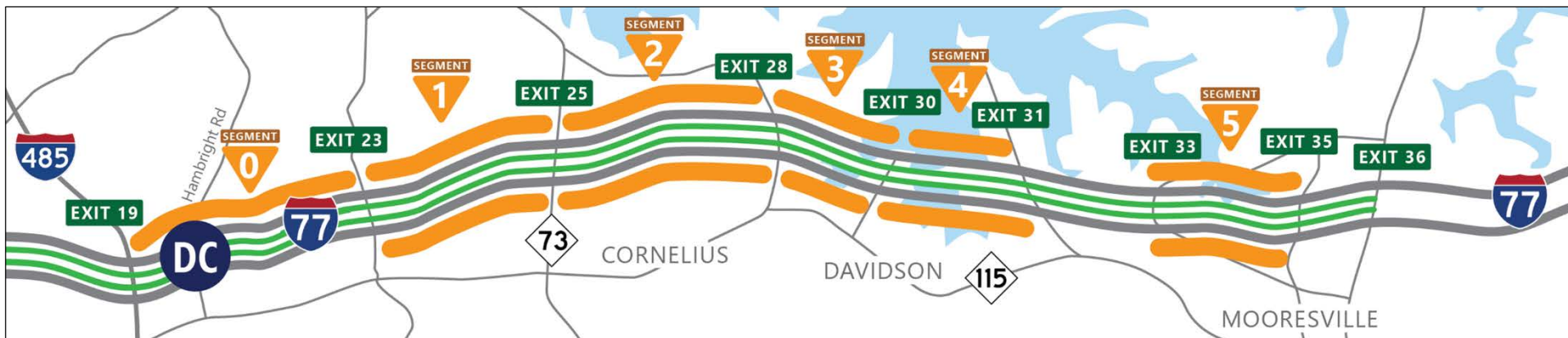
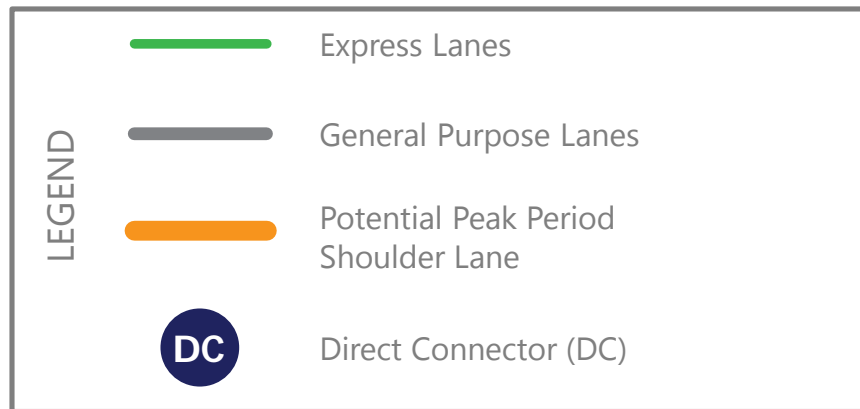
Peak Period Shoulder Lanes





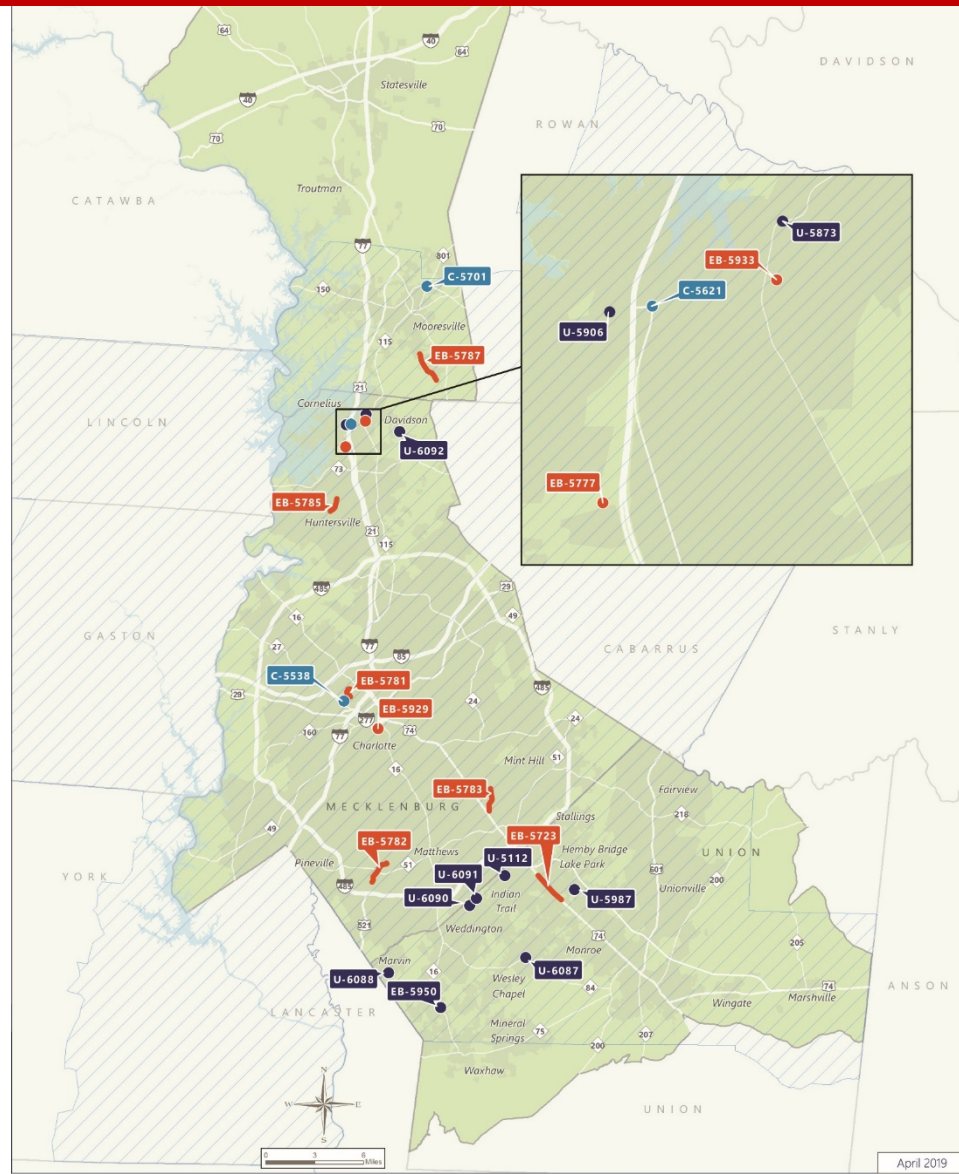
Interstate I-66, Virginia (Source: Goodman Realtors)

I-77 N - Peak Period Shoulder Lanes



Reallocation of Funding

- NCDOT identified **19 projects** in the CRTPO planning area, currently funded with STBGDA or BA, potentially eligible for CMAQ reallocation of funds



Reallocation of Funding

Local Projects affected

- **9** bike/ped projects
- **10** roadway projects

Davidson Projects

U-6092 – **Robert Walker Drive
Roundabout**

Proposed Schedule

- June Information item for TCC and MPO
- July for Vote

NCDOT obtained FHWA's approval of CMAQ applications	April 2019
CRTPO to take action on funding reallocation	June-July 2019
NCDOT to work with municipalities to have the Municipal Agreements updated and approved	July-August 2019
CRTPO to prepare and take action on Air Quality Conformity and 2045 MTP Amendments	May-October 2019
FHWA to review and approve Air Quality Conformity and 2045 MTP Amendments	October-December 2019
NCDOT to prepare and obtain FHWA's approval of NEPA Document	June-December 2019
NCDOT to conduct Public Involvement	August 2019

Questions



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