



DRAFT
Anticipated Adoption: March 2018

MTP ROADWAY PROJECTS
I-77 Corridor from I-485 to NC 150

HORIZON YEAR 2025

2045 MTP ID	PROJECT NAME	TIP NO.	JURISDICTION	FROM / TO	IMP. TYPE	PROJECT DESCRIPTION	PROJECT COST (TIP \$ TO BE SPENT)	BIKE/ PED IMP.
IREDELL COUNTY								
E109	I-77 / Cornelius Rd	I-5962	Iredell County & Mooresville		●	Convert grade separation to interchange	\$27,300,000	
E111	River Hwy / W Plaza Dr	R-2307B	Iredell County & Mooresville	Greenwood Rd / US 21	●	Widen from 2/4 lanes to 6 lanes, with median, wide outside lanes and sidewalks	\$114,000,000	
E114	Oates Rd / Midnight Ln	U-5816	Mooresville	Charlotte Hwy (US 21) / Bluefield Rd	●	New 3 lane roadway, including grade separation over I-77, with bike lanes and sidewalks	\$9,600,000	
E115	I-77 / W Plaza Dr	I-5717	Mooresville		●	Construct interchange improvements	\$10,200,000	
E117	Williamson Rd	R-5100B	Mooresville	Brawley School Rd River Hwy / W Plaza Dr (NC 150)	●	Widen from 2/3 lanes to 4 lanes with median, bike lanes and sidewalks	\$9,600,000	
E118	Brawley School Rd	R-3833C	Mooresville	Talbert Rd / Charlotte Hwy (US 21)	●	Widen from 2 lanes to 4 lanes, with median, bike lanes and sidewalks	\$11,400,000	
E119	Charlotte Hwy	U-6037	Iredell County & Mooresville	W Plaza Dr (NC 150) / Medical Park Rd	●	Widen from 2 lanes to 4 lanes, with median, and construct intersection improvements	\$35,100,000	
E120	Williamson Rd	R-5100A	Mooresville	I-77 / Brawley School Rd	●	Widen to multi-lanes	\$39,400,000	
E122	Fairview Rd / I-77 Overpass	U-5817	Mooresville	Fairview Rd / Alcove Rd	●	New grade separated overpass	\$14,100,000	
E123	NC 115 / Faith Rd- Campus Ln	C-5529	Iredell County & Mooresville		●	Realign roadway and construct intersection improvements	\$2,894,000	
MECKLENBURG COUNTY								
3024	Bailey Rd Ext		Cornelius	Poole Place Dr - Bailey Rd / US 21	●	New 2 lane roadway with bike lanes and 10 ft. multi-use path	\$11,636,333	

IMPROVEMENT TYPE KEY ● New Interchange ● New Roadway ● Improve Existing Interchange/Intersection ● Widening

NOTES:

1) Project list only includes fiscally constrained projects in the vicinity of the I-77 corridor. Please reference www.2045MTP.org for complete list of projects.

2) HY 2025 projects have committed funding in the NCDOT 2018-2027 STIP

3) Projects are anticipated to be completed and open to traffic by horizon year indicated



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MECKLENBURG COUNTY (CONTINUED)								
E300	I-77	I-4750AA	Iredell County, Cornelius, Davidson & Mooresville	W Catawba Ave (Exit 28) / River Hwy - W Plaza Dr (NC 150) (Exit 36)	●	Add one express lane in each direction	Cost included in I-5405	
E301	Griffith St / I-77	I-4750AC	Davidson		●	Improve existing interchange with bicycle and pedestrian accommodations	\$0	
E302	Potts-Sloan-Beatty Connector	U-5907	Davidson	Main St (NC 115) / Griffith St	●	New 2 lane roadway with bike lanes and sidewalks	\$2,050,000	
E303	NC 115 / Potts St	U-5873	Cornelius		●	Construct intersection improvements	\$6,000,000	
E304	US 21 / Catawba Ave	C-5621	Cornelius		●	Convert intersection to roundabout	\$8,958,000	
E305	Torrence Chapel Rd / West Catawba Ave	U-5906	Cornelius		●	Construct intersection improvements	\$5,000,000	
E306	Catawba Ave	R-2555B	Cornelius	Jetton Rd / Sam Furr Rd (NC 73)	●	Widen from 2 lanes to 4 lanes, with 10 ft. multi-use path	\$32,200,000	
E307	Northcross Dr Extension	U-5108	Cornelius	Sam Furr Rd (NC 73) / Westmoreland Rd	●	Improve existing roadway and construct new 3 lane roadway with bike lanes and sidewalks	\$13,700,000	
E308	Statesville Rd	U-5767	Cornelius & Huntersville	Northcross Center Ct / Westmoreland Rd	●	Widen from 2 lanes to 4 lanes, with median, wide outside lanes and sidewalks	\$23,200,000	
E309	Sam Furr Rd	R-2632AB	Huntersville	Old Statesville Rd (NC 115) / Davidson-Concord Rd	●	Widen to multi-lanes	\$19,800,000	
E310	Davidson-Concord Rd	R-5706A	Davidson & Huntersville	Davidson-Concord Rd / Poplar Tent Rd	●	Widen from 2 lanes to 4 lanes, with median, wide outside lanes and sidewalks	\$26,100,000	
E311	Sam Furr Rd	U-5765	Huntersville	W Catawba Ave / Northcross Dr	●	Widen from 3/4 lanes to 6 lanes, with median, wide outside lanes and sidewalks	\$11,400,000	

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MECKLENBURG COUNTY (CONTINUED)								
E312	I-77 / Sam Furr Rd	I-5715	Huntersville		●	Conversion of existing interchange to split diamond interchange with bicycle and pedestrian accommodations	\$17,550,000	
E313	NC 73	R-5721B	Huntersville	Vance Rd Ext / W Catawba Ave	●	Widen from 2 lanes to 4 lanes, with median, wide outside lanes and sidewalks	\$57,400,000	
E314	NC 73	R-5721A	Huntersville	Lincoln County Line - Catawba River / Vance Rd Ext	●	Widen from 2 lanes to 4 or 6 lanes, with median, wide outside lanes and sidewalks	\$94,000,000	
E315	Statesville Rd	U-5771	Huntersville	Gilead Rd / Holly Point Dr	●	Widen from 2 lanes to 4 lanes, with median, wide outside lanes and sidewalks	\$19,500,000	
E316	Main St	U-5908	Huntersville	Old Statesville Rd (NC 115) - Mt Holly-Huntersville Rd / Ramah Church Rd	●	Widen and realign roadway, with bike lanes and sidewalks	\$8,000,000	
E317	Gilead Rd	U-5807	Huntersville	Statesville Rd (US 21) / Old Statesville Rd (NC 115)	●	Widen from 3 lanes to 4 lanes, with bike lanes and sidewalks	\$15,300,000	
E318	Statesville Rd (US 21) / Gilead Rd	U-5114	Huntersville		●	Construct intersection improvements with bicycle and pedestrian accommodations	\$10,500,000	
E319	I-77 / Gilead Rd	I-5714	Huntersville		●	Conversion of existing interchange to diverging diamond interchange with bicycle and pedestrian accommodations	\$10,400,000	
E320	I-77 / Hambright Rd	I-5405B	Huntersville		●	Construct new express lane interchange with bicycle and pedestrian accommodations	\$22,667,000	
E322	I-77	I-5405	Charlotte, Huntersville & Cornelius	I-277 (Brookshire Fwy) (Exit 11) / W Catawba Ave (Exit 28)	●	Construct 2 express lanes in each direction and convert existing HOV lanes to HOT lanes	\$ 48,413,000	
E375	Gilead Rd		Huntersville	McCoy Rd / Wynfield Creek Pkwy	●	Widen from 2 lanes to 4 lanes, with median, bike lanes and sidewalks	In Progress	

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MTP ROADWAY PROJECTS
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HORIZON YEAR 2035

2045 MTP ID	PROJECT NAME	TIP NO.	JURISDICTION	FROM / TO	IMP. TYPE	PROJECT DESCRIPTION	PROJECT COST †	BIKE/ PED IMP.
IREDELL COUNTY								
1033	Oakridge Farm Hwy		Iredell County & Mooresville	Charlotte Hwy (US 21) / Mt Ulla Hwy (NC 801)	●	Widen from 2/4 lanes to 4/6 lanes, with median, wide outside lanes and sidewalks	\$100,368,710	
1045	Langtree Rd		Iredell County & Mooresville	Alcove Rd / East-West Connector	●	Widen from 4 lanes to 6 lanes with median, paved shoulder, bicycle and pedestrian accommodations	\$14,649,445	
1046	East-West Connector		Iredell County & Mooresville	Langtree Rd / NC 115	●	New 4 lane roadway, with median, bike lanes and sidewalks	\$15,738,147	
MECKLENBURG COUNTY								
3025	Bailey Rd Flyover		Cornelius	US 21 / Northcross Dr Ext	●	New 2 lane roadway, with multi-use path and bike lanes	\$18,219,747	
3050	Statesville Rd	U-6069	Charlotte & Huntersville	WT Harris Blvd (NC 24) / Gilead Rd	●	Widen from 2 lanes to 4 lanes, with median, bike lanes and sidewalks	\$104,995,693	

† Escalated to year of expenditure

IMPROVEMENT TYPE KEY



New Interchange



New Roadway



Improve Existing Interchange/Intersection



Widening

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MTP ROADWAY PROJECTS
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HORIZON YEAR 2045

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MECKLENBURG COUNTY								
3001	Main St		Davidson	Griffith St / Presbyterian Rd	●	Widen roadway to accommodate bike lanes and sidewalks (Roadway Modernization)	\$25,547,725	
3008	Main St		Cornelius	Washam Potts Rd / Potts St	●	Widen from 2 lanes to 3 lanes, with 10 ft. multi-use path, sidewalk and bike lanes	\$29,386,993	
3029	Old Statesville Rd		Huntersville	Main St / Sam Furr Rd (NC 73)	●	Widen from 2 lanes to 4 lanes, with median, bike lanes and sidewalks	\$65,101,669	
3036	Old Statesville Rd		Huntersville	Main St / Mt Holly-Huntersville Rd	●	Widen roadway to accommodate bike lanes and sidewalks (Roadway Modernization)	\$25,334,432	
3045	Old Statesville Rd		Huntersville	Hambright Rd / Mt Holly-Huntersville Rd	●	Widen from 2 lanes to 4 lanes, with median, bike lanes and sidewalks	\$65,220,165	

† Escalated to year of expenditure

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MTP NON-ROADWAY PROJECTS
I-77 Corridor from I-485 to NC 150

HORIZON YEAR 2025

2045 MTP ID	PROJECT NAME	TIP NO.	JURISDICTION	PROJECT DESCRIPTION	PROJECT COST (TIP \$ TO BE SPENT)
MECKLENBURG COUNTY					
7	South Prong Rocky River Greenway	EB-5775	Cornelius	Construct greenway along South Prong Rocky River from South Street to Main Street.	\$1,050,000
8	NC 115 Modernization	EB-5776	Cornelius	NC 115 sidewalk and bike lane modernization from Smith Road to Potts Street.	\$307,000
9	McDowell Creek Greenway Cornelius	EB-5817	Cornelius	Construct greenway along McDowell Creek from Magnolia Plaza to Westmoreland Road.	\$2,600,000
10	McDowell Creek Tributary Greenway Cornelius	EB-5777	Cornelius	Construct greenway along McDowell Creek Tributary from Smithville Park to J.V. Washam Elementary. Construct multi-use path along Westmoreland Road to Lake Pines Drive.	\$3,000,000
11	Caldwell Station Creek Greenway	EB-5010	Cornelius	Construct greenway along Caldwell Station Creek from Caldwell Commons on US 21 to Bailey Road Park.	\$3,162,000

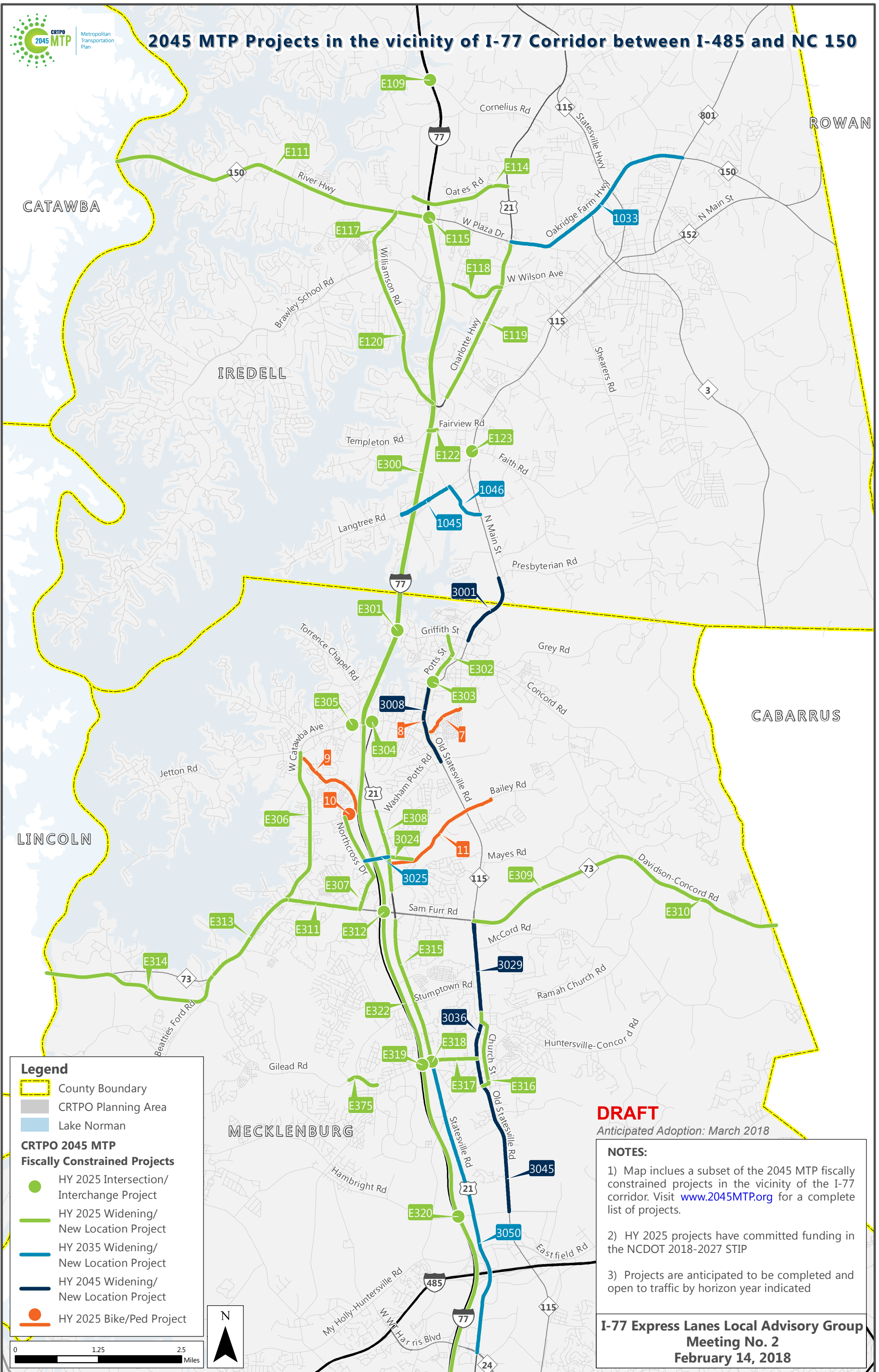
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2045 MTP Projects in the vicinity of I-77 Corridor between I-485 and NC 150



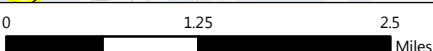
Legend

- County Boundary
- CRTPO Planning Area
- Lake Norman

CRTPO 2045 MTP

Fiscally Constrained Projects

- HY 2025 Intersection/ Interchange Project
- HY 2025 Widening/ New Location Project
- HY 2035 Widening/ New Location Project
- HY 2045 Widening/ New Location Project
- HY 2025 Bike/Ped Project



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- NOTES:**
- 1) Map includes a subset of the 2045 MTP fiscally constrained projects in the vicinity of the I-77 corridor. Visit www.2045MTP.org for a complete list of projects.
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I-77 Express Lanes Local Advisory Group Meeting No. 2 February 14, 2018