

FY 2016-2025

Transportation Improvement Program



Jacksonville Urban Area
Metropolitan Planning Organization

Adopted: April 2015

Amendment 1: August 2015

Amendment 2: March 2016

The Jacksonville Urban Area Metropolitan Organization (JUMPO) has cooperatively developed this Metropolitan Transportation Improvement Program (TIP) with the North Carolina Department of Transportation (NCDOT), Jacksonville Transit, Onslow United Transit System (OUTS), and the Albert J. Ellis Airport as required by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA).

JUMPO was undertaking the development of its most recent Long Range Transportation Plan (LRTP) during the process of developing the TIP. All projects included in the TIP are detailed in the 2040 LRTP, which was adopted in April 2015. Additional information on individual projects can be seen online at www.jumponc.org.

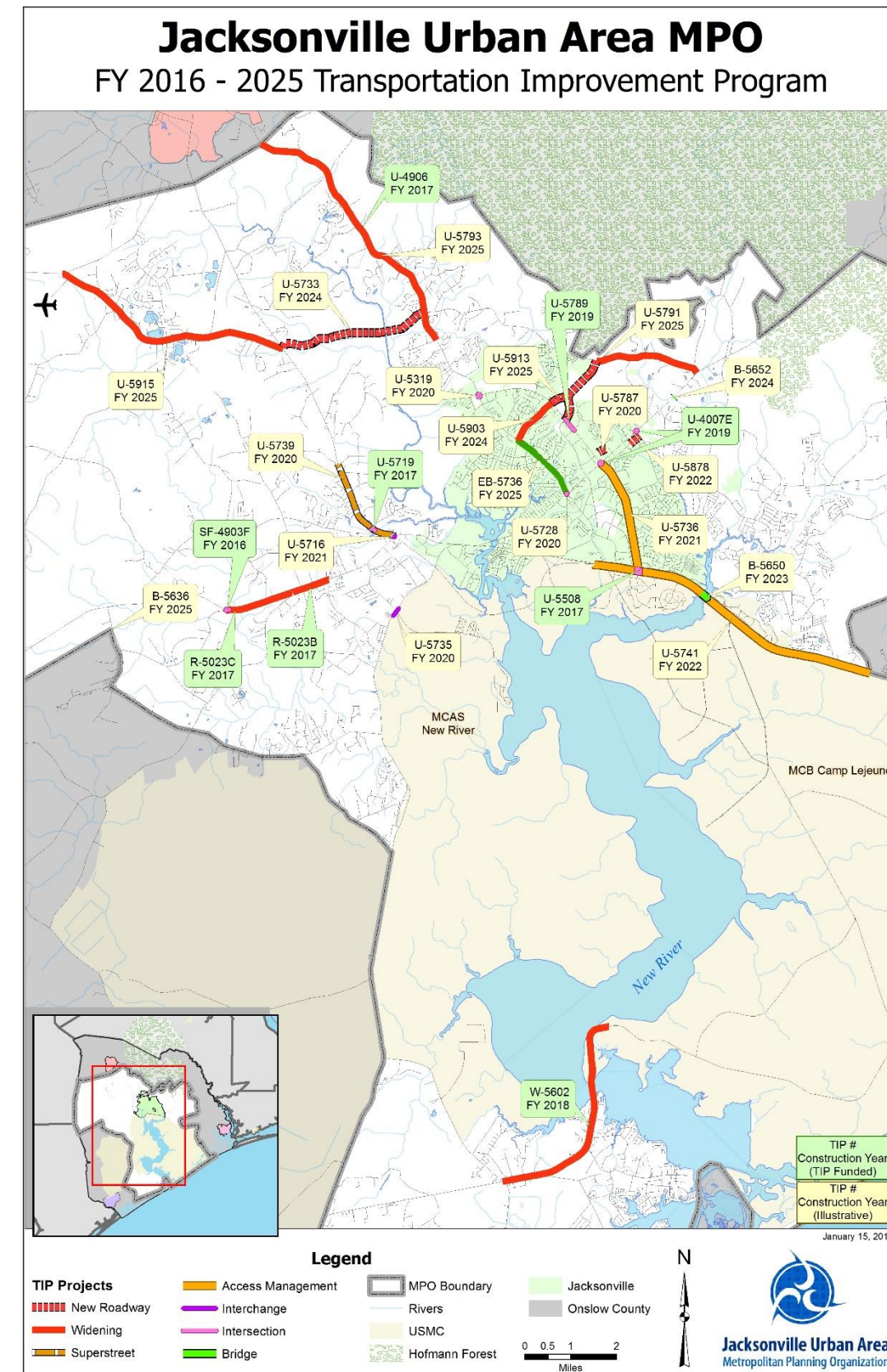
The North Carolina General Assembly passed Strategic Transportation Investment legislation in 2014 mandating how projects would be selected for the TIP. All projects were input into the SPOT Online system in early 2014. Based on scores and funding availability, a list of Statewide Mobility projects was released in spring 2014. All projects in all categories had quantitative scores assigned based on modal criteria and were released in early summer. A public comment period provided opportunities for members of the public to comment on projects and provide feedback to the Technical Coordinating Committee (TCC) and Transportation Advisory Committee (TAC) on how local input points should be assigned. The TAC assigned their local points at their August 2014 meeting. The draft list of projects to be funded was released by NCDOT in December 2014.

This document reflects transportation investment priorities and programs transportation projects for potential funding over the ten-year period of FY 2016-2025. Projects programmed in the first four years of the document (FY 2016-2019) depict the funding committed in the Transportation Improvement Program. Projects programmed in the remaining years (FY 2020-2025) are illustrative.

All highway projects in the TIP, including all phases, are the responsibility of NCDOT. Preliminary Engineering for all projects (except Bicycle and Pedestrian Projects) is accounted for under a Statewide Line Item which also includes environmental analysis. Local match for all projects is provided by NCDOT unless otherwise stated. Costs listed in the document are total costs except for Transportation Alternatives Program (TAP) which show the local match separately. Most federal sources require a 20% local match, although some federal funding types either require no match or only 10%.

The Public Transportation section documents the expenditures of the Sections 5307 and 5303 grants. The MPO public participation process for the development of the TIP meets the requirements for the FTA Programming of Projects.

The final section of the document lists Statewide Projects. These projects are those that are programmed for work throughout the state and may be applicable in the Jacksonville area.



Financial Plan

The Financial Plan includes all projects in the committed State Transportation Improvement Program (2016-2019) portion of the document. Information concerning the Developmental Program (2020-2025) projects is included for illustrative purposes. All expenditures are expressed in current year dollars as is listed in the document tables. However, it is anticipated that costs will rise over the life of the document by approximately 2% per year. Revenue is anticipated to be stable through the life of the document. Adjustments are made by NCDOT on an annual basis to ensure anticipated costs are reflective of the most current assessments.

Funding from the following federal programs is included:

- HP – Federal-Aid High Priority
- HRRR – High Risk Rural Roads
- HSIP - Highway Safety Improvement Program
- NHP - National Highway Performance Program
- NHPB - National Highway Performance Program (Bridge)
- STP - Surface Transportation Program
- STPOFF - Surface Transportation Program (Off System Bridge)
- TAP - Transportation Alternatives Program
- FMPL – Metropolitan Planning (Transit)
- FUZ - Urbanized Area Formula Grant

Highway

Highway projects fall within many categories, including roadway widening, new roadway, roadway modernization, access management, intersection improvements, interchange upgrade, and bridge replacement. It is anticipated that revenue from all sources, both federal and state, will be available at the necessary levels for completion of programmed projects.

Highway Expenditures FY 2016-2019 (\$thousands)	
Funding Source	Total Amount
HRRR	\$176
HSIP	\$5,842
NHP	\$11,357
STP	\$12,296
State Highway Trust Funds	\$3,779
State Match	\$6,582
Total	\$40,032

Table Updated January 2016

Highway* Expenditures FY 2020-2025 (\$thousands)	
Funding Source	Total Amount
NHP	\$109,552
NHPB	\$5,378
STPOFF	\$847
TAP	\$408
HFB	\$1,120
State Highway Trust Funds	\$141,652
State Match	\$29,224
Local (Jacksonville)	\$122
Total	\$288,303

*Includes Aviation; Bike/Ped

Table Updated January 2016

Public Transportation

The primary funding source for public transportation is through the Urbanized Area Formula Grant (Section 5307) fund. The local match for capital projects is 20%. The local match for operating expenses is 50%. While the state can provide matching funds, these are awarded on a competitive basis and are therefore not assumed to be available. All revenue/expenditures for public transportation are based on year of expenditure, computed at 2% annually.

Transit Capital/Construction Expenditures FY 2016-2019 (\$thousands)			
FUZ	Local Match		Total
	State	Local	
\$6,433	\$755	\$2,337	\$9,525

Table Updated February 2016

The state provides assistance with planning and operating expenses.

Transit Planning Expenditures FY 2016-2019 (\$thousands)				
		Local Match		Total
		State	Local	
FUZ	\$258	\$32	\$32	\$322
FMPL	\$113	\$17	\$17	\$147

Transit Operating Expenditures FY 2016-2019 (\$thousands)			
FUZ	Local Match		Total
	SMAP	Local	
\$1,774	\$538	\$1,236	\$3,548

Anticipated public transportation revenue includes

Anticipated Revenue FY 2016-2019 (\$thousands)					
FUZ	FMPL	State	SMAP	Local	Total
\$8,465	\$113	\$804	\$538	\$3,622	\$13,542

Table Updated February 2016

JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

HIGHWAY PROGRAM

COUNTY	ROUTE/CITY	D NUMBER	LOCATDN /DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRDR YEARS COST (THOU)	TYPE OF WORK /ESTIMATED COST IN THOUSANDS /PROJECT BREAKS										UNFUNDED	
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS
							FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025		
URBAN PROJECTS																		
ONSLOW	NC 111 CATHERINE LAKE ROAD)	U-5733	US 258 (RICHLANDS HIGHWAY) TO SR 1308 GUM BRANCH ROAD). CONSTRUCT EXTENSIDN OF NC 111 ON NEW LOCATDN.	3.5	30204													
		REG																
ONSLOW	SR 1308 GUM BRANCH ROAD)	U-5319	SR 1470 (WESTERN BOULEVARD) IN JACKSONVILLE. INSTALL DUAL LEFT TURN MOVEMENT FOR SOUTHBOUND SR 1308.		930													
		TRN																
UNDER CONSTRUCTION																		
ONSLOW	SR 1308 GUM BRANCH ROAD)	U-4906	EAST CITY LIMITS OF RICHLANDS TO SR 1322 (SUMMERSLL SCHOOL ROAD) IN JACKSONVILLE. W DEN TO THREE LANES.	7.5	11208	808												
		TRN																
PLANNING DESIGN IN PROGRESS																		
ONSLOW	SR 1308 GUM BRANCH ROAD)	U-5793	SR 1322 (SUMMERSLL SCHOOL ROAD) TO JACKSONVILLE URBAN AREA BOUNDARY. W DEN EXISTING ROADWAY.	6.2	53016													
		DM																
ONSLOW	SR 1336 HENDERSON DRIVE)	U-5913	NC 53 (WESTERN BOULEVARD) TO US 17 BYPASS EXTENSIDN (JACKSONVILLE PARKWAY). EXTEND ROUTE ON NEW LOCATDN.	0.4	14969													
		DM																
ONSLOW	SR 1336 HENDERSON DRIVE)	U-5903	SR 1308 (GUM BRANCH ROAD) TO NC 53 (WESTERN BOULEVARD). W DEN TO MULTI- LANES.	1.1	10344													
		DM																
ONSLOW	SR 1406 (PINEY GREEN ROAD)	U-3810	US 17 TO NC 24 IN JACKSONVILLE. W DEN TO MULTILANES, PART ON NEW LOCATDN.	6.6	112841	112841												
UNDER CONSTRUCTION																		
ONSLOW	SR 2714 (JACKSONVILLE PARKWAY EXTENSIDN)	U-5791	NC 53 (WESTERN BOULEVARD) TO US 17 NEW BERN HIGHWAY). W DEN TO MULTI- LANES, PART ON NEW LOCATDN.	3.8	79907													
		DM																

DIV - Division Category EX - Exempt Category
 HF - State Dollars (Non STI) REG - Regional Category
 SW - Statewide Category TRN - Transition Project

JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

HIGHWAY PROGRAM

COUNTY	ROUTE/CITY	D NUMBER	LOCATDN /DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRDR YEARS COST (THOU)	FUNDS	TYPE OF WORK /ESTIMATED COST IN THOUSANDS /PROJECT BREAKS										UNFUNDED
								STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					
								FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
FEDERAL BRIDGE PROJECTS																		
BRUNSWICK	VARIDUS	BD-5103	DIVISION 3 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.		16152	16152												
DUPLIN																		
NEW HANOVER																		
ONSLOW																		
PENDER																		
SAMPSON																		
		DIV																
UNDER CONSTRUCTION -BRIDGE PURCHASE ORDER CONTRACT (BPOC)																		
MITIGATION PROJECTS																		
BRUNSWICK	VARIDUS	EE-4903	ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 3 PROJECT MITIGATION.		3365	3365												
DUPLIN																		
NEW HANOVER																		
ONSLOW																		
PENDER																		
SAMPSON																		
IN PROGRESS																		
HIGHWAY SAFETY PROJECTS																		
ONSLOW	NC 53	SF-4903F	SR 1109 HOLLY SHELTER ROAD). REALIGNMENT AND LANE CONSTRUCTION.		243	48	HRRR	C	195									
		TRN																
ONSLOW	NC 172	W-5602	CAMP LEJEUNE GATE TO NC 210. CONVERT TWO LANE ROADWAY TO THREE LANE ROADWAY WITH A TWO WAY LEFT TURN LANE.		3525	315	HSP	R	10									
		REG					HSP			C	3200							
BRUNSWICK	VARIDUS	W-5203	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		23379	11987	HSP	R	36	DIV								
DUPLIN							HSP	C	3575	DIV								
NEW HANOVER							HSP	R	25	RE								
ONSLOW							HSP	C	1255	RE								
PENDER							HSP	R	51	SW								
SAMPSON							HSP	C	5725	SW	C	725	SW					
DIVISION PURCHASE ORDER CONTRACT (DPOC) -IN PROGRESS																		

DIV DIV DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.
 REG REG DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.
 SW SW DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.

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NON HIGHWAY PROGRAM

COUNTY	ROUTE/CITY	D NUMBER	LOCATDN /DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRDR YEARS COST (THOU)	TYPE OF WORK /ESTIMATED COST IN THOUSANDS /PROJECT BREAKS															UNFUNDED								
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					FUTURE YEARS													
							FUNDS	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025												
PUBLIC TRANSPORTATION PROJECTS																														
ONSLOW	JACKSONVILLE TRANSIT	TG-5109	PREVENTIVE MAINTENANCE	2851	574		FUZ	CP	168	CP	173	CP	178	CP	183	CP	189	CP	194	CP	201	CP	206	CP	213	CP	219			
		HF					L	CP	42	CP	43	CP	45	CP	46	CP	47	CP	49	CP	50	CP	52	CP	53	CP	55			
NEW HANOVER	JACKSONVILLE TRANSIT	TG-5225	ROUTINE CAPITAL-BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.	1046	546		FUZ	CP	12	CP	12	CP	13	CP	13	CP	14	CP	14	CP	14	CP	14	CP	15	CP	16			
		HF					L	CP	3	CP	3	CP	3	CP	3	CP	3	CP	3	CP	3	CP	4	CP	4	CP	4			
ONSLOW	JACKSONVILLE TRANSIT	TG-5225C	MOBILITY MANAGEMENT	839	95		FUZ	CP	53	CP	54	CP	55	CP	58	CP	59	CP	62	CP	63	CP	65	CP	67	CP	69			
		HF					L	CP	13	CP	13	CP	14	CP	14	CP	15	CP	15	CP	16	CP	16	CP	17	CP	17			
ONSLOW	JACKSONVILLE TRANSIT	TO-4923	OPERATING ASSISTANCE	14078	4266		FUZ	O	430	O	439	O	448	O	457	O	466	O	475	O	484	O	494	O	505	O	514			
		HF					L	O	288	O	302	O	316	O	330	O	344	O	357	O	371	O	385	O	399	O	413			
							SMAP	O	142	O	137	O	132	O	127	O	122	O	118	O	113	O	109	O	105	O	101			
ONSLOW	JACKSONVILLE TRANSIT	TP-5102	PLANNING ASSISTANCE -5303	686	195		FMPL	PL	28	PL	28	PL	28	PL	29	PL	29	PL	30	PL	30	PL	31	PL	31	PL	32			
		HF					L	PL	4	PL	4	PL	4	PL	5	PL	5	PL	5	PL	5	PL	5	PL	6	PL	6			
							S	PL	4	PL	4	PL	4	PL	5	PL	5	PL	5	PL	5	PL	5	PL	6	PL	6			
ONSLOW	JACKSONVILLE TRANSIT	TP-4908	PLANNING ASSISTANCE -5307	1061	184		FUZ	PL	62	PL	64	PL	66	PL	66	PL	67	PL	70	PL	72	PL	74	PL	76	PL	78			
		HF					L	PL	8	PL	8	PL	8	PL	8	PL	8	PL	9	PL	9	PL	9	PL	10	PL	10			
							S	PL	8	PL	8	PL	8	PL	8	PL	8	PL	9	PL	9	PL	9	PL	10	PL	10			
ONSLOW	JACKSONVILLE TRANSIT	TT-4907	TECHNOLOGY -VEHICLE TRACKING ,FARE COLLECTION,PASSENGER NFORMATION, DATA COMMUNICATDNS, TRAFFIC SIGNAL PRDRITY	2124	1124		FUZ	CP	36	CP	80	CP	80	CP	80	CP	80	CP	80	CP	80	CP	80	CP	80	CP	80			
		HF					L	CP	9	CP	20	CP	20	CP	20	CP	20	CP	20	CP	20	CP	20	CP	20	CP	20			

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COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO
 SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE