

JACKSONVILLE URBAN AREA
JUMPO
METROPOLITAN PLANNING ORGANIZATION

FY 2020-2029

Transportation Improvement Program

TIP

The Jacksonville Urban MPO has established performance management targets for highway safety, infrastructure condition, congestion, system reliability, emissions, freight movement and transit. The Jacksonville Urban MPO anticipates meeting their identified targets with the mix of projects included in the FY 2020-2029 TIP.

Adopted

December 2019

Amendment 1 – June 11, 2020

Amendment 2 – November 19, 2020

Amendment 3 – May 13, 2021

The Jacksonville Urban Area Metropolitan Planning 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).

This document reflects transportation investment priorities and programs transportation projects for potential funding over the ten-year period of FY 2020-2029. Projects programmed in the first six years of the document (FY 2020-2025) depict the funding committed in the Transportation Improvement Program. Projects programmed in the remaining years (FY 2026-2029) are illustrative.

The Metropolitan Transportation Plan (MTP) is the basis for this programming document. JUMPO completed its most recent LRTP in January 2019. Additional information on individual projects can be found in the MTP online at www.jumpo-nc.org. JUMPO has incorporated safety performance targets as required by FHWA and NCDOT. Both the MTP and this TIP incorporate performance measures by including the adopted targets for pavement, bridge maintenance, system performance, freight, and transit assist management. These established performance measures have their beginnings in federal legislation (MAP-21 and the FAST Act) and are intended to increase the accountability and transparency of federal highway programs through performance based planning.

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 fall 2017. Based on scores and funding availability, a list of Statewide Mobility projects was released in spring 2018. All projects in all categories had quantitative scores assigned based on modal criteria and were released in mid-summer. Public comment periods 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 to projects in both the Regional and Division Impact tiers. The TAC later assigned their Regional local points at their July 2018 meeting and their Division points at their October 2018 meeting. The draft list of projects to be funded was released by NCDOT in January 2019, later revised in August 2019, and adopted by the Board of Transportation in September 2019.

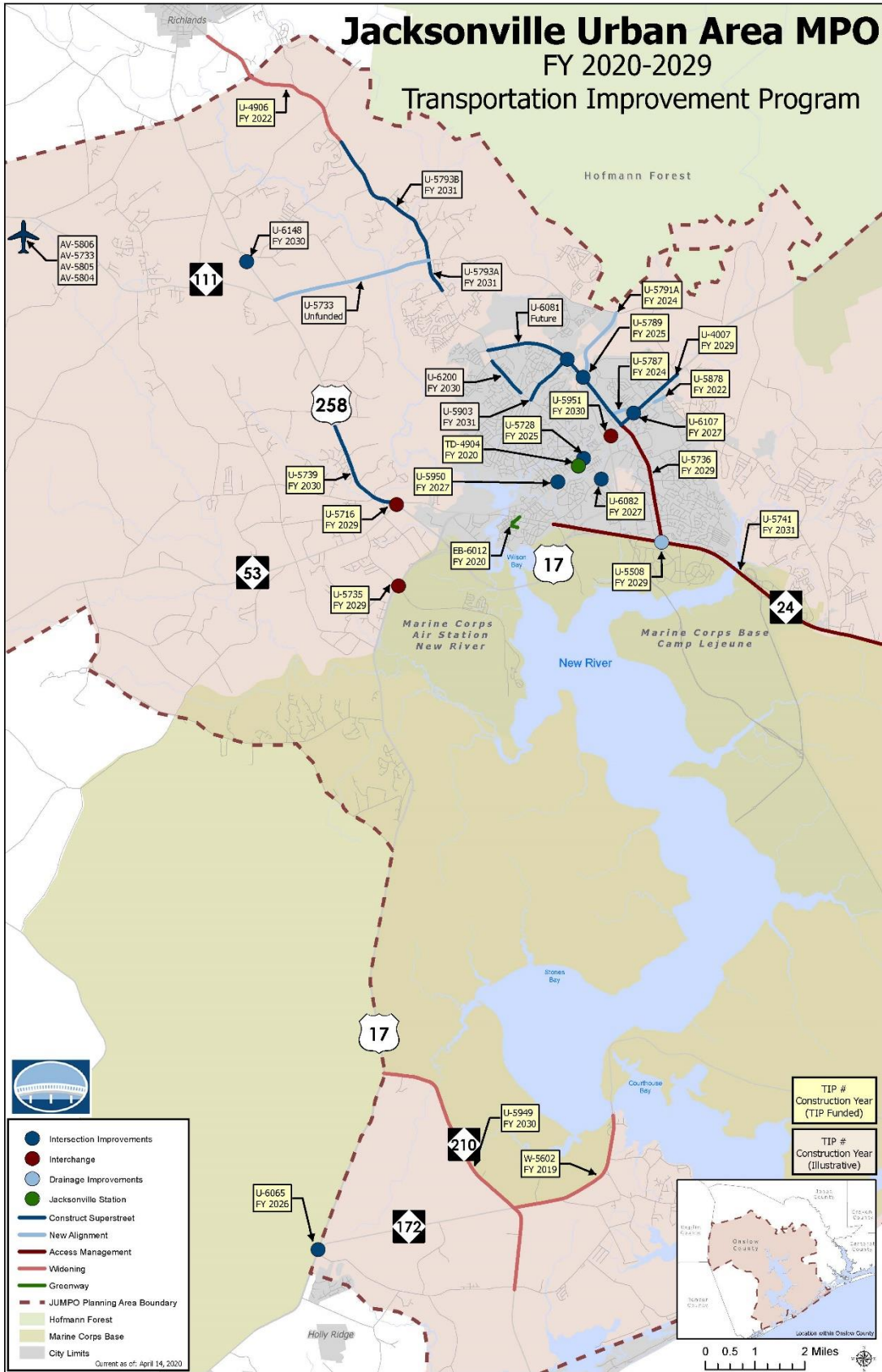
In November 2020, the State Board of Transportation adopted a re-programmed STIP adjusting project schedules in order to ensure a fiscally constraint Program in accordance with federal law. Projects that were committed as a result of Prioritization 5.0 remain committed even if funding is shown through FY 2027. Projects that fall in FY 2030 or later are shown for either illustrative purposes or to show fiscal impact.

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. 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 projects in the first six years of the committed State Transportation Improvement Program (2020-2025) portion of the document as shown in Table 1. Information concerning the other years (2026-2029), including the Developmental Program projects, is included for illustrative purposes in Table 2.

Project prioritization is accomplished through the STI. The process for this TIP is known as P5.0 and was developed cooperatively by a workgroup designated in state law made up of NCDOT staff and representatives of MPOs, RPOs, and urban and rural coalitions. Criteria was established, defined, and weighted for all modes to be used to calculate quantitative scores. These scores account for 100% of the score at the Statewide Mobility tier, 70% at the Regional Impact tier, and 50% at the Division Needs tier. Local input points, in accordance with established local methodology, account for the remaining percentages at the Regional Impact and Division Needs tiers. The local input is divided equally between the NCDOT Division 3 Engineer and the MPO.

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, ensuring funding availability for all projects within the first four years. 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:

- HSIP - Highway Safety Improvement Program
- NHP - National Highway Performance Program
- T – State Highway Trust Funds
- FBUS - Bus and Bus Facilities (5339)
- FMPL – Metropolitan Planning (Transit)
- FUZ - Urbanized Area Formula Grant (Transit)

Highway

Highway projects fall within many categories, including roadway widening, new roadway, roadway modernization, access management, intersection improvements, interchange upgrade, and bridge replacement. All highway projects, except bridge and safety, compete for funding through STI. Project selection ensures fiscal constraint at all levels. 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 2020-2025 (\$thousands)	
Funding Source	Total Amount
Surface Transportation Block Grant (Any Area)	\$8,700
Highway Safety Improvement Program	\$0
National Highway Performance Program	\$400
State Highway Trust Funds	\$59,877
Total	\$68,977

Table 1

Highway Expenditures* FY 2025-2029 (\$thousands)	
Funding Source	Total Amount
National Highway Performance Program	\$1,000
Highway Safety Improvement	\$1,500
State Highway Trust Funds	\$78,977
Total	\$81,477

Table 2

*Anticipated funding

Public Transportation

The primary funding source for public transportation is through the Urbanized Area Formula Grant (Section 5307) fund. This requires a local match for operating expenses of 50% (Table 3). The local match for capital projects is 20% (Table 4). While the state can provide matching funds for capital projects, these are awarded on a competitive basis through STI 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 Operating Expenditures FY 2020-2025 (\$thousands)			
FUZ	Local Match		Total
	SMAP	Local	
\$2,937	\$668	\$2,268	\$5,874

Table 3

Transit Capital/Construction Expenditures FY 2020-2025 (\$thousands)					
FUZ	T	FBUS	Local Match		Total
			State	Local	
\$10,669	\$295	\$4,500	\$153	\$2,567	\$18,184

Table 4

The state provides assistance with planning and operating expenses.

Transit Planning Expenditures FY 2020-2025 (\$thousands)				
		Local Match		Total
		State	Local	
FUZ	\$437	\$55	\$55	\$547
FMPL	\$183	\$32	\$32	\$247

Table 5

Anticipated public transportation revenue includes

Anticipated Revenue FY 2020-2025 (\$thousands)							
FUZ	FMPL	T	FBUS	State	SMAP	Local	Total
\$14,043	\$183	\$295	\$4,500	\$240	\$240	\$4,923	\$24,852

Table 6

JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COMMITTED / NON	ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2020	FY 2021	FY 2022	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS
											FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	
URBAN PROJECTS																					
<input checked="" type="checkbox"/>	US 258/NC 24 (RICHLANDS HIGHWAY)	U-5719 H142183	SR 1219 (BLUE CREEK ROAD)/SR 1396 (RIDGE ROAD). REALIGN INTERSECTIONS TO FORM ONE AT-GRADE INTERSECTION.	0.5	3635	3635															
SW	ONFLOW																				
UNDER CONSTRUCTION																					
<input type="checkbox"/>	US 258/NC 24 (RICHLANDS HIGHWAY)	U-6148 H171392	SR 1329 (RHODESTOWN FIRE DEPARTMENT ROAD). IMPROVE INTERSECTION.	0.5	1650	260	NHP														
REG	ONFLOW																				
<input checked="" type="checkbox"/>	NC 24 (LEJEUNE BOULEVARD)	U-5508 H140840	NC 53 (WESTERN BOULEVARD) IN JACKSONVILLE. UPGRADE INTERSECTION AND DRAINAGE.	0.5	3012	1262	T														
SW	ONFLOW																				
RIGHT-OF-WAY IN PROGRESS - COMBINE WITH U-5736 AND U-4007E.																					
<input checked="" type="checkbox"/>	NC 24	U-5716 H111198	US 258 (RICHLANDS HIGHWAY) INTERSECTION. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	1	76193	2150	T														
SW	ONFLOW																				
PROJECT BEING LET WITH U-5739																					
<input checked="" type="checkbox"/>	NC 53 (WESTERN BOULEVARD)	U-5736 H090798	US 17 (MARINE BOULEVARD) TO NC 24 (LEJEUNE BOULEVARD) IN JACKSONVILLE. CONSTRUCT ACCESS MANAGEMENT IMPROVEMENTS.	2.6	30560	5580	T	R	3080												
REG	ONFLOW																				
COMBINED WITH U-4007E AND U-5508 - RIGHT-OF-WAY IN PROGRESS.																					
<input checked="" type="checkbox"/>	NC 53 (WESTERN BOULEVARD)	U-5789 H140364	SR 2714 (JACKSONVILLE PARKWAY). IMPROVE INTERSECTION.		6083	1983	T														
REG	ONFLOW																				
RIGHT-OF-WAY IN PROGRESS																					
<input type="checkbox"/>	NC 53 (WESTERN BOULEVARD)	U-6081 H150380	SR 1308 (GUM BRANCH ROAD) TO US 17 (MARINE BOULEVARD). UPGRADE TO SUPERSTREET.	3.4	32400	1000	T														
REG	ONFLOW																				
<input checked="" type="checkbox"/>	NC 210	U-5949 H111205-A	US 17 TO SOUTH OF SR 1518 (OLD FOLKSTONE ROAD). WIDEN TO MULTI-LANES.	5.8	47948	1150	T														
REG	ONFLOW																				

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

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

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							FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028		FY 2029	FY 2030	FY 2031	FY 2032												
URBAN PROJECTS																																	
<input checked="" type="checkbox"/>	SR 1308 (GUM BRANCH ROAD)	U-5793	SR 1322 (SUMMERSILL SCHOOL ROAD) TO SR 1390 (COUNTRY CLUB BOULEVARD). UPGRADE TO SUPERSTREET.	3.8	66510	10	T										R 6250 A U 500 A	R 6250 A															
	ONSLow																			C 4500 A	C 4500 A												

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											FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FUTURE YEARS	
URBAN PROJECTS																						
<input checked="" type="checkbox"/>	US 258/NC 24 (RICHLANDS HIGHWAY)	U-5739 H141536	SR 1212 (PONY FARM ROAD) TO SR 1213 (BLUE CREEK ROAD). CONSTRUCT SUPERSTREET.	1.9	18100	5200	T															
REG	ONFLOW																					
RIGHT-OF-WAY IN PROGRESS - PROJECT BEING LET WITH WITH U-5716.																						
<input checked="" type="checkbox"/>	SR 2715 (TRADE STREET)	U-5787 H140510	NC 53 (WESTERN BOULEVARD) TO MCDANIEL DRIVE IN JACKSONVILLE. CONSTRUCT ROADWAY ON NEW LOCATION.	0.3	4157	800	T															
DIV	ONFLOW																					
<input checked="" type="checkbox"/>	US 17 (WILMINGTON HIGHWAY)	U-5735 H090800	SR 1130 (OLD MAPLEHURST ROAD) IN JACKSONVILLE. CONSTRUCT INTERCHANGE AND ASSOCIATED IMPROVEMENTS TO MCAS NEW RIVER MAIN GATE.		55495	1900	O															
REG	ONFLOW																					
ALTERNATE CRITERIA EX A ROADWAY IMPROVEMENTS TO DOUGLAS GATE ENTRANCE. - OTHER FUNDS REPRESENT DEPARTMENT OF DEFENSE FUNDS																						
<input checked="" type="checkbox"/>	COMMERCE DRIVE EXTENSION	U-5878 H140368	COMMERCE DRIVE TO SR 1406 (PINEY GREEN ROAD). CONSTRUCT ROADWAY ON NEW LOCATION.	0.2	5475	2225	T															
DIV	ONFLOW																					
RIGHT-OF-WAY IN PROGRESS																						
MITIGATION PROJECTS																						
<input checked="" type="checkbox"/>	VARIOUS (BRUNSWICK, DUPLIN, NEW HANOVER, ONSLOW, PENDER, SAMPSON)	EE-4903	ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 3 PROJECT MITIGATION.		5505	5505																
IN PROGRESS																						
HIGHWAY SAFETY PROJECTS																						
<input checked="" type="checkbox"/>	NC 53	SF-4903F	SR 1109 (HOLLY SHELTER ROAD). REALIGNMENT AND LANE CONSTRUCTION.		49	49																
TRN	ONFLOW																					
UNDER CONSTRUCTION - COMBINED FOR LETTING WITH R-5023B AND C.																						
<input checked="" type="checkbox"/>	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.		25075	13657	T															
REG	ONFLOW																					
UNDER CONSTRUCTION. BUILD NC BOND FUNDING: \$5,500,000 FOR CON PAYBACK 2021 - 2035 (FY 2021 / YRS 2&3 SALE).																						
<input checked="" type="checkbox"/>	VARIOUS (BRUNSWICK, DUPLIN, NEW HANOVER, ONSLOW, PENDER, SAMPSON)	HS-2003	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.		3466		HSIP															
DIV																						
ALTERNATE CRITERIA DIV A INSTALL NEAR SIDE SIGNAL HEADS ON A PEDESTAL ON BOTH SIDES OF SR 1217 (17TH STREET) AT DOCK STREET IN WILMINGTON.																						
ALTERNATE CRITERIA DIV B INSTALL PAVEMENT MARKINGS ALONG VARIOUS ROUTES.																						

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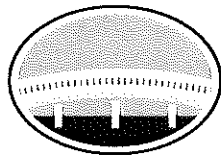
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											FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FUTURE YEARS
PASSENGER RAIL PROJECTS																					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	VARIOUS	Z-5803	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS IN DIVISION 3.																	
DIV	BRUNSWICK																				
	DUPLIN																				
	NEW HANOVER																				
	ONSLow																				
	PENDER																				
	SAMPSON																				

INDIVIDUAL PROJECTS AND FUNDING TO BE REQUESTED IN THE FUTURE AS NEEDED.

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



JACKSONVILLE URBAN AREA

JUMPO

METROPOLITAN PLANNING ORGANIZATION

RESOLUTION ADOPTING AMENDMENT 3 RE-PROGRAMMING OF THE JACKSONVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION FY 2020-2029 TRANSPORTATION IMPROVEMENT PROGRAM

A motion was made by Randy Thomas and seconded by Royce Bennett for adoption of the following resolution, and upon being put to a vote, was duly adopted.

WHEREAS, the Federal Highway Administration and the Federal Transit Administration require Metropolitan Planning Organization (MPO) to develop a Transportation Improvement Program (TIP) in cooperation with the State and affect public transportation operators within their planning jurisdiction; and

WHEREAS, the Jacksonville Urban Area MPO has developed a TIP to include capital and non-capital surface transportation projects within the Jacksonville urban planning area;

WHEREAS, the TIP includes a financial plan that demonstrates how it can be implemented within anticipated fiscal constraints; and

WHEREAS, the Transportation Advisory Committee reviewed the FY 2020-2029 Metropolitan Transportation Improvement Program (MTIP), originally adopted in December of 2019; and

WHEREAS, Amendment 1, adopted on June 11, 2020, and Amendment 2, adopted on November 19, 2020, both included a re-programming of projects by adjusting project schedules in order to be a fiscally constrained Plan; and;

WHEREAS, the TIP now requires an adjustment in project schedules and funding in order to be a fiscally constrained Plan, which is hereby presented as Amendment 3; and

WHEREAS, a draft of the MTIP has been advertised for public comment in accordance with the Jacksonville Metropolitan Planning Organization Public Participation Plan and no comments were received; and

NOW, THEREFORE, BE IT RESOLVED, that the Transportation Advisory Committee hereby adopts Amendment 3 to the FY 2020-2029 Transportation Improvement Program, on this 13th day of May, 2021.

Robert Warden
Robert Warden, Chairman

Subscribed and sworn to me this 13 day of MAY 2021.

[Signature]
Notary Public
My commission expires September 9, 2024.

Debbie H. Jefferson
NOTARY PUBLIC
Onslow County
North Carolina
My Commission Expires September 9, 2024