

Triangle Bikeway - Bike Highway
Phase - Old Reedy Creek Road to I-540
Preliminary Cost Estimate

<u>Route Detail</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>	<u>Notes</u>	<u>Potential Funding</u>
3.3 miles of southside route	17,424	\$378.79	\$6,600,000.00	Includes grading, minor drainage and retain walls	
Boardwalk over Crabtree Lake	400	\$750.00	\$300,000.00		
Aviation Parkway Crossing (at grade)	1	\$30,000.00	\$30,000.00	Signal improvements, crossing striping, signage, etc.	
Boardwalk over wetland	1600	\$750.00	\$1,200,000.00		
Airport Boulevard Crossing (at grade)	1	\$30,000.00	\$30,000.00	Signal improvements, crossing striping, signage, etc.	
boardwalk over drainage outfall	200	\$750.00	\$150,000.00		
Slater Road bridge	350	\$200.00	\$70,000.00	Improvements to bridge for cycling	
Subtotal			\$8,380,000.00		
ROW Acquisition	871,200	\$1.25	\$1,089,000.00	Assumes 50 foot right of way	
Subtotal			\$9,469,000.00		
PS&E			\$946,900.00	Surveying, engineering, permitting	CAMPO LAPP
Subtotal			\$10,415,900.00		
Contingency 20%			\$2,083,180.00		
Grand Total			\$12,499,080.00		

Triangle Bikeway - Bike Highway
Phase - Art Museum to Old Reedy Creek Road
Preliminary Cost Estimate

<u>Route Detail</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>	<u>Notes</u>	<u>Potential Funding</u>
2.6 miles of southside route	13,728	\$378.79	\$5,200,000.00	Includes grading, minor drainage and retain walls	
				Minor improvements over existing bridge (Add	
Driveway and signal upgrades from				signage and bike lane symbols to existing 4' bridge	
Edwards Mill to Art Musesum	1	\$50,000.00	\$50,000.00	and roadway shoulder)	
				Minor improvements over existing bridge (Add	
				signage and bike lane symbols to existing 4' bridge	
Trenton Road Bridge	0	\$200.00	\$0.00	and roadway shoulder)	
Harrison Crossing (at grade)	1	\$30,000.00	\$30,000.00	Signal improvements, crossing striping, signage, etc.	
Bridge over Crabtree Creek	200	\$2,000.00	\$400,000.00	Assumes pre-fabricated bridge	
Subtotal			\$5,680,000.00		
				Assumes 50 foot right of way. (Assumes TOC, SAS,	
ROW Acquisition	2,300	\$1.25	\$2,875.00	or NCDOT will donate)	
Subtotal			\$5,682,875.00		
PS&E			\$568,287.50	Surveying, engineering, permitting	
Subtotal			\$6,251,162.50		
Contingency 20%			<u>\$1,250,232.50</u>		
Grand Total			\$7,501,395.00		SPOT 5

Triangle Bikeway - Bike Highway
Preliminary Cost Estimate

<u>Route Detail</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>	<u>Notes</u>
9.5 miles of southside route	50,160	\$378.79	\$19,000,000.00	Includes grading, minor drainage and retain walls
Driveway and signal upgrades from Edwards Mill to Art Musesum	1	\$50,000.00	\$50,000.00	Minor improvements over existing bridge (Add signage and bike lane symbols to existing 4' bridge and roadway shoulder)
Trenton Road Bridge	-	\$200.00	\$0.00	Signal improvements, crossing striping, signage, etc.
Harrison Crossing (at grade)	1	\$30,000.00	\$30,000.00	Assumes pre-fabricated bridge
Bridge over Crabtree Creek	200	\$2,000.00	\$400,000.00	Assumes concrete boardwalk
Boardwalk over Crabtree Lake	400	\$750.00	\$300,000.00	Signal improvements, crossing striping, signage, etc.
Aviation Parkway Crossing (at grade)	1	\$30,000.00	\$30,000.00	Signal improvements, crossing striping, signage, etc.
Boardwalk over wetland	1600	\$750.00	\$1,200,000.00	Signal improvements, crossing striping, signage, etc.
Airport Boulevard Crossing (at grade)	1	\$30,000.00	\$30,000.00	Improvements to bridge for cycling
boardwalk over drainage outfall	200	\$750.00	\$150,000.00	
Slater Road bridge	350	\$200.00	\$70,000.00	
HAWK Signal Page Road	1	\$50,000.00	\$50,000.00	
Subtotal			\$21,310,000.00	
ROW Acquisition	873500	\$1.25	\$1,091,875.00	Assumes 50 foot right of way
Subtotal			\$22,401,875.00	
PS&E			\$2,240,187.50	Surveying, engineering, permitting
Subtotal			\$24,642,062.50	
Contingency 20%			<u>\$4,928,412.50</u>	
Grand Total			\$29,570,475.00	