

[Name or Org and Address]

Sean Campion, Chief, MDOT SHA Innovative Contracting Division
707 N. Calvert Street
Baltimore, MD 21202
scampion@mdot.maryland.gov

[Date]

Dear Sean:

Thank you and your department for greenlighting a feasibility study for the Greenbelt East Trail. [Name or Org, ie. NASA staff and contractors] look forward to working with your team and with Friends of the Greenbelt East Trail, Inc (www.greenbeltnasatrail.org).

We are writing to urge you to expedite the assessment of Sector 2 of the Trail, which would run along the north side of Route 193 in front of the NASA Goddard Space Flight Center, from the Greenbelt city limit to Good Luck Road:



Sector 2 is approximately 1.5 miles long, as shown above. There are two intersections: at Goddard's old "main" gate and at the new main gate at ICESat Road. The trail in this Sector would run entirely on existing pavement, re-purposing existing shoulder space and acceleration/deceleration lanes.

Building Sector 2 quickly would have immediate safety impact: access to NASA for bike, walk, and bus users would be much safer, and access from DuVal and Eleanor Roosevelt High Schools would be much improved. Sector 2 would connect residential and commercial areas in Greenbelt with those east of Good Luck Road.

Friends of the Greenbelt East Trail estimates that construction costs of a protected two-way shared use trail in this section would be less than \$300,000, with most of the cost associated with

the installation of about 500 flexposts and curbstops, and some centerline, crosswalk, and yield paint on the roadway.

Adding raised trail crossings at the three bus stops and squaring off right turn “slip lanes” (or at least adding speed humps or tables at the trail crossings) would probably add another \$80,000 or so to the construction cost. Including costs for design and permitting, and contingency, we estimate that the full cost would be in the \$400,000-\$500,000 range, depending on the intersection and bus stop treatments. We believe there would be no stormwater impact, assuming the curbstops were positioned approximately 8’ apart, although this would have to be verified. Likewise, our cost estimates are at best notional, based on rules of thumb suggested under MDOT’s bikeways grant program. Here is a [link to our draft cost estimate](#) for Sector 2 (also shown below).

Thank you for considering our request for expedited review and construction of Sector 2 of the Greenbelt East Trail. NASA staff and friends of the Greenbelt East Trail stand ready to help MDOT in any way, including helping with grant applications, or working to help MDOT connect with local officials and stakeholders.

Sincerely,

cc. Joe McAndrew, MDOT (jmcandrew@mdot.maryland.gov)
Delegate Nicole Williams (nicole.williams@house.state.md.us)
Delegate Anne Healey (anne.healey@house.state.md.us)
Delegate Ashanti Martinez (ashanti.martinez@house.state.md.us)
Senator Alonzo Washington (alonzo.washington@senate.state.md.us)
Councilmember Eric Olson (eolson@co.pg.md.us)
Councilmember Ingrid Watson (ISWatson@co.pg.md.us)
Natalia Sanchez-Hernandez (natalia_sanchezhernandez@nps.gov)
Friends of the Greenbelt East Trail, Inc. (jlemieux256@gmail.com)

Greenbelt East Trail -Sector 2 One (NASA/Goddard)				
Notional Cost Estimates				
Two-Way Protected Bike Lane On One Side of Roadway				
Length	Linear Feet	7,920		
Length	Miles	1.5		
Intersections	Each	3		
Intersection Width (Avg)	Linear Feet	40		
Construction				
	Frequency	Number	Unit Cost	Total Cost
Flexposts	16'	495	50	\$24,750
8'x12"x8" Truck Curbstops	16'	495	500	\$247,500
Trail Centerline White Paint				\$5,000
Green Pavement Markings at Intersections				\$7,500
R4-4 (Right Turn Yield to Bikes)	36" x 30"	3	400	<u>\$1,000</u>
Subtotal, Minimal Construction Option				\$285,750
Optional:				
Raised Trail Crossing at Bus Stops		3	10,000	\$30,000
Curb Extensions/Squaring Slip Lanes		2	20,000	<u>\$40,000</u>
Total, Full Construction Option				\$355,750
Mobilization				
Construction x .1			\$28,575	\$35,575
Contingency				
Construction x .1			\$28,575	\$35,575
Design and Permitting				
Construction x .25			\$71,438	\$88,938
Preliminary Site Investigation				
Design x .1			\$7,144	\$8,894
NOTE SHA MAY DO THIS IN HOUSE UNDER INNOVATIVE CONTRACTING DIV				
Project Total			\$421,481	\$524,731