

May 23, 2023

**City of Pepper Pike**

28000 Shaker Boulevard  
Pepper Pike, Ohio 44124-5001

Attention: Mayor Richard M. Bain

Re: Pedestrian Connectivity

Dear Mayor Bain,

Per your request I have put together a summary of each section of collector roadways that are likely candidates for **installing a five-foot path**, including a preliminary estimate of cost. The order of the list is how I would rank each road in terms of priority.

**Lander Road**

- Right of way is 86 feet, with approximately 29 feet of open lawn on either side of the roadway, which allows space for meander, grading, and landscaping.
- Land use is a combination of residential drives and open spaces, which allows for reasonable path layout options.
- Connects retail/commercial, residential, larger subdivisions and institutional uses.
- Current roadway is striped with an enhanced berm of four feet, which sees regular pedestrian and cycle traffic.

Preliminary construction cost per section:

North end of Chagrin Circle to S. Woodland:	\$145,000.00
S. Woodland to Shaker:	\$465,000.00
Shaker to Fairmount:	\$500,000.00
Fairmount to Cedar *:	<u>\$350,000.00</u>
	<b>\$1,460,000.00</b>

*\*may opt for multi-purpose path in conjunction with Ursuline College campus projects.*

**Shaker Boulevard**

- Right of way is 60 feet, with approximately 17 feet of open lawn on each side of the roadway- somewhat limiting a path location and working around existing landscape features, hydrants, etc. May require modest meander in some areas.
- Land use is primarily residential driveways on both sides of the street.
- Connects institutional uses/City Hall complex and City park, along with larger residential subdivisions.
- Current roadway is approximately 25' in width, which is less accommodating to current pedestrian and bicycle traffic.



Preliminary construction cost per section:

Brainard/Gates Mills Circle to Lander:	\$550,000.00
Lander to Pepper Creek Drive*:	<u>\$380,000.00</u>
	<b>\$930,000.00</b>

*\*Not recommending extending the path to SOM Center Road currently.*

### **Chagrin Boulevard**

- Unique location within the existing right of way (varies from 60-100 feet) as a possible re-use of existing pavement can increase green space and change the function of the corridor.
- Potential to connect limited residential, a small public park, commercial/retail areas and institutional uses (County Library, senior center and K-12 Orange School campus)
- Reclaiming greenspace will reduce traffic speeds and enhance safety, along with providing an alternative to driving between these various destinations.

Preliminary construction cost:

Lander/Chagrin Circle to School (west entrance)    \$600,000.00\*

*\*Landscape and grading budget of \$150,000 does not include modifications at the Circle.*

### **South Woodland Road**

- Right of way is 100 feet, with approximately 35 feet of open lawn on either side of the roadway, which allows ample space for path meander, grading, and landscaping.
- Land use is virtually all residential driveways on both sides of the street.
- Connects to several large residential subdivisions.
- The current roadway is approximately 30 feet in width, and is striped for five foot bicycle lanes on each side of the roadway, which see frequent pedestrian and bicycle use.

Preliminary construction cost per section:

New Brainard to Lander:	\$780,000.00
Lander to Pinetree*:	<u>\$570,000.00</u>
	<b>\$1,350,000.00</b>

*\*Not recommending extending the path to SOM Center Road currently.*



We can add other sections or areas to this list, but I believe that these areas create your core pedestrian access routes on our busiest streets. Branches to connect other neighborhoods or sections would only make sense if these routes were first installed, which would create additional opportunities for connectivity to other areas in town (i.e., a path addition on Fairmount from Lander to the Snowberry/Chestnut subdivision). This type of extension would not make sense to install as a stand-alone project.

Respectfully Submitted,  
Chagrin Valley Engineering, Ltd.

A handwritten signature in black ink, appearing to read 'Donald F. Sheehy', with a stylized, looping flourish at the end.

Donald F. Sheehy, PE, PS