CASE **STUDY**

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Image shown is a placeholder only. Replacing with an image related to the specific case study is recommended.

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U.S. Department of Transportation

Federal Highway Administration

Office of Infrastructure FHWA-XXX-XX-XXX XXXX-XX/XX-XX(XXX)E

Research, Development, and Technology Turner-Fairbank Highway Research Center 6300 Georgetown Pike McLean, VA 22101-2296

https://highways.dot.gov/research https://www.fhwa.dot.gov/ infrastructure/

(Case Study Title) Lacestem Necerum Hit et Voloris

Location: City/State, Latitude/Longitude

Project Length: XX mi

Project Duration/Period: XX mo

Problem Statement

Provide a brief description of the issue(s) that the project sought to address.

A common question about Complete Streets construction projects is how much they typically cost. Estimating the project cost is often difficult due to various factors, such as the tasks of the project, the regional cost of labor and materials, and site conditions. The emphasis on the construction cost for this case study merely provides the reader with a project-cost reference point.

Project Background

Provide a brief background of the project, such as the type of area where the project was conducted: residential, central business district, or mixed-use. Is this an existing facility/corridor or a new construction?

Modal Focus (check all that apply):

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Pedestrian (including disability access)



Transit



Bicycling



Freight



Micromobility



Motorists

Community Engagement Summary

Provide a brief summary of the community engagement conducted for the project as well as the key concerns expressed by the public and how they were addressed.

Solution

Describe key aspects of the solutions implemented with the project.

Contract/Project Delivery Mechanism

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Alliance Contracting/	Progressive Design-Build (PDB)
Integrated Project Delivery (IPD)	☐ Public-Private Partnerships (P3)
Construction Manager/General Contractor (CM/GC)	☐ Project Bundling
Design-Bid-Build (D-B-B)	☐ Indefinite Delivery/ Indefinite Quantity (IDIQ)
☐ Design-Build (D-B)	□ Other:

Source(s) of Project Funding

Describe the source(s) of funding used for the project, such as Federal-aid, State, and/or local funds.

Figure 1. Before &	After Image	
	BEFORE IMAGE	
	Source: FHWA.	
	AFTER IMAGE	
	AFIER IMAGE	
	Source: FHWA.	

Project Results

Provide a summary of the project results, before/after observations, operation impact, (including reduced crash or conflict frequency, travel time and delay [vehicle and bicyclist], average speed [vehicle], on-time performance [transit]), and any lessons learned.

Project Costs

Total Project Costs - \$XXX,XXX Preliminary Engineering

\$XXX,XXX

Construction - Total construction cost = \$XXX,XXX

- Sidewalks \$XXX (\$YY/ft²)
- Curb ramps \$XXX (\$YY/unit)
- Bike lane (including buffer/separation devices) – \$XXX (\$YY/mi)
- Shared-use path \$XXX (\$YY/mi)
- Pedestrian signals/beacons \$XXX (\$YY/each)
- Pedestrian crossing improvements (e.g., median refuge, crosswalk visibility, lighting, raised crosswalks) - \$XXX

- Micromobility parking \$XXX (\$YY/each)
- Transit lanes (dedicated) \$XXX (\$YY/mi)
- Transit stops \$XXX (\$YY/each)
- Freight parking \$XXXX
- Motor vehicle operations (through lanes, turn lanes) \$XXXX

Utility Adjustments

\$XXX,XXX

Right of Way

\$XXX,XXX

Project Website (if available)

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