

Complete Streets, Active Transportation, and Micro-Mobility Study

Public Meeting January 16-17, 2023





FNI Project Team

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Transportation Planner (New)





Corpus Christi Project Team







Project Schedule









Data Collection



















Candidate Roadways



Issues and Needs



- Lack of accessibility (sidewalks, ramps, bus stops)
- Safety (lack of protected bike/ped infrastructure, too many curb cuts, car lanes too wide)
- Opportunity to expand mobility for increased tourism, disadvantaged populations, students, disabled/elderly
- Plan should make sense in the land use context of the roadway and be easily implemented









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- Typically refer to low speed, lightweight, human-powered or motorized wheeled vehicles.
- Dockless/docked e-scooter systems.
- Emerging mode of transport.
- Corpus Christi e-scooter services.







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Vehicle	Other - Skateboard, e-Skateboard, Onewheel,	Kick scooter	e-Scooter	Pedal bike	e-Bike		
	Hoverboard, Segway				Class 1	Class 2	Class 3
Defining Features	Small, lightweight, single-user	Deck for standing	Motor, deck for standing, optional seat	User is seated	Pedal assist	Throttle assist	High-speed pedal assist
Typical Speed	Typically 20 mph or less	10 mph	15-20 mph	15 mph	20 mph or less	20 mph or less	28 mph or less
Weight	<50 lbs	Typically <15 lbs	Typically <50 lbs	Typically <50 lbs	Typically <100 lbs	Typically <100 lbs	Typically <100 lbs

- Micromobility for all users low speed, safe, easy-to-use
- Sitting e-scooters, standing e-scooters, low-speed pedal assist e-bikes





Micromobility Peer Review



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City

Kansas City, MO

Baltimore, MD

Tampa, FL

El Paso, TX

CORPUS CHRISTI

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Population

(2021)

508,090

585,708

387,050

678,415

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address issues

Partnership with Bcycle

Key Takeaway

A dedicated committee for micromobility concerns – keeps

Interim operating agreement = controlled deployment

stakeholders updated and proactively create solutions

Pilot program means they could promptly take action to

Shared Micromobility Ridership in the US, 2010-2021

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* Scooters were removed for over a week due to the winter event in February Source: City of Corpus Christi





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First and last mile connection

Alternative mode choice

Affordability

Sustainability











Complete Streets 101

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• "Streets designed to and operated to enable safe use and support mobility for all users." (USDOT)

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- Emphasis on roadway safety and increased support of complete streets project throughout the USA.
- Approaches to complete streets vary considerably.
- Accommodating all users equitably, curbside access and loading.





Complete Streets 101

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- Attributes include:
 - Sidewalks
 - Bike lanes
 - Bus lanes and stops

- Lighting
- Parklets
- Benches
- ADA accessible
- Landscaping ٠
- Curb extensions
- Median islands
- Traffic signal systems







Example: Louisiana Avenue



Right size to add buffered bike lane with parking, improve sidewalks as needed Future shared use path within center landscaped drainage area Existing Traffic: About 9,000 vehicles per day total both directions, 30 MPH







Example: Brawner Parkway



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Example: Del Mar Boulevard



Right size through lane to add buffered bike lane; flexible for special events parking Existing Traffic: About 6,000 vehicles per day total both directions, 30 MPH







Example: Alameda Street



Improve sidewalks to 10-foot wide Shared Use Paths, both sides Include with improvements to Alameda Street; no widening of existing pavement





















Flour **Bluff ISD**

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Flour Bluff Public Schools

CORPUS CHRISTI MP METROPOLITAN PLANNING ORGANIZATION

> FLOUR BLUFF ISD SIDEWALK ACCESSIBILITY

Legend Middle School Elementary School Distance from School 0.25 mi 0.5 mi 🗔 1 mi - Sidewalks - Freeways/Highways - Other Roadways □ ISD Boundaries CC MPO Boundary - New/Improved Sidewalk

Apartment Complex O Crosswalk

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Example Programs Promoting Active Transportation

• May: National Bike Month, Bike to Work Week

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- May: Women's Health Month
- June: Men's Health Month

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- September: Conquer the Coast
- October: Walk to School Week





Online Survey

욹 FREESE Comment > 😵 Ideas and Suggestions Something I Unsafe Area O My Like Neighborhood Q Survey i About Interactive Map 2 Activity **Buffered Bike Lane** ·Buffer between car traffic and bike traffic via 2 painted white lines, with or without diagonal cross hatching •Allows more room for cyclists without appearing as a car travel/parking lane ·Doesn't provide physical protection for cyclists Portland, OR Doddridge Drive, Corpus Christi, TX Given the information and photos above, how much do you agree with

the following statements about Buffered Bike Lanes?

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
l would feel comfortable riding a bike in a Buffered Bike Lane.	0	0	0	0	0





Thank You!



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