

FULSHEAR

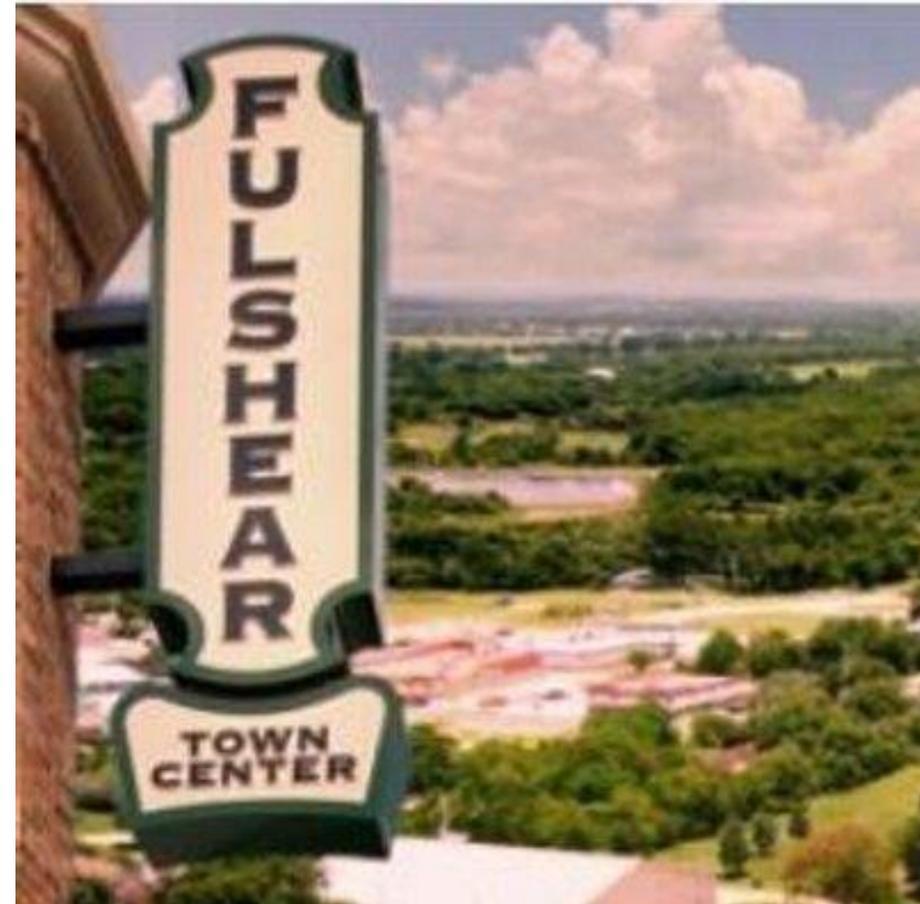


Transit Feasibility Study

February 16, 2021

Agenda

- **Recap**
- **COVID-19 Impacts**
- **Transit Concepts**
- **Plan Implementation**



Recap

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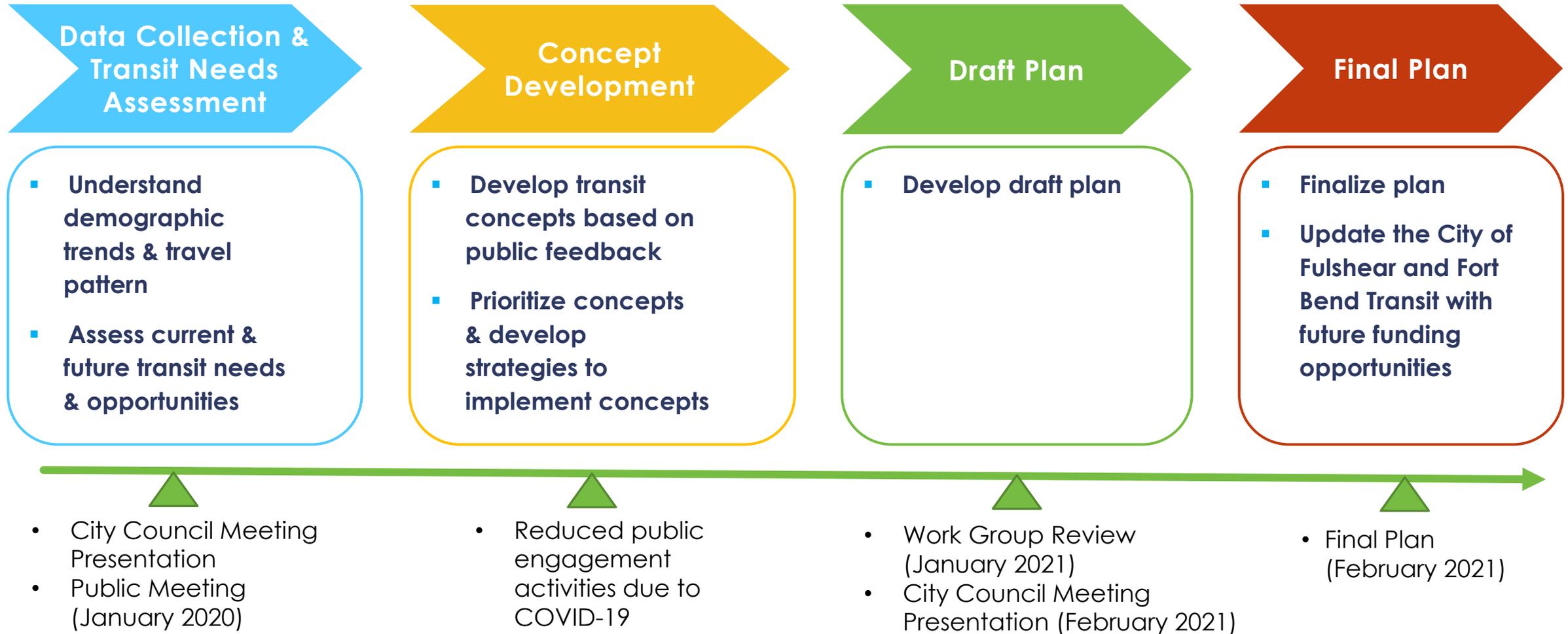


Overview

The Fulshear Transit Feasibility Study launched in 2019 to assess the feasibility of transit in the Fulshear area and determine how the travel experience can be improved for Fulshear residents, workers, and visitors.

The recommended transit concepts presented here were developed to provide transportation options and enhance the quality of life in Fulshear. The study report also provides a baseline for moving forward with a more refined study in the future, once more considered analyses can be made to determine the long-term effects of the pandemic on transit usage.

Study Process



Public Meeting Overview

- The study team presented existing and projected conditions in the study area, the study process, and potential transit options.
- Public comments:
 - A Park & Ride should be constructed close to FM 1463 and FM 1093 to bring riders into Houston job centers
 - Provide local transit within the City of Fulshear
 - Explore the possibility of vanpool service, which has been successful for commuters to Uptown/Galleria area and may be successful for commuters to Energy Corridor and Downtown Houston



COVID-19 Impacts

- **Travel pattern changes**
 - ✓ County-level stay home orders
 - ✓ Work from home
- **Reduced travel time to work**
- **Safety concerns with taking public transit**
- **Reduced public engagement activities**

Transit Concepts

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Overall Summary

■ Modes

- ✓ Fixed Route
 - ❑ Regional express bus routes
 - ❑ Local bus routes
- ✓ Vanpool/carpool Program
- ✓ Complementary Paratransit Service

■ Time Frame

- ✓ Short-range
- ✓ Long-range



Regional Express Network Concepts (Short-Range)

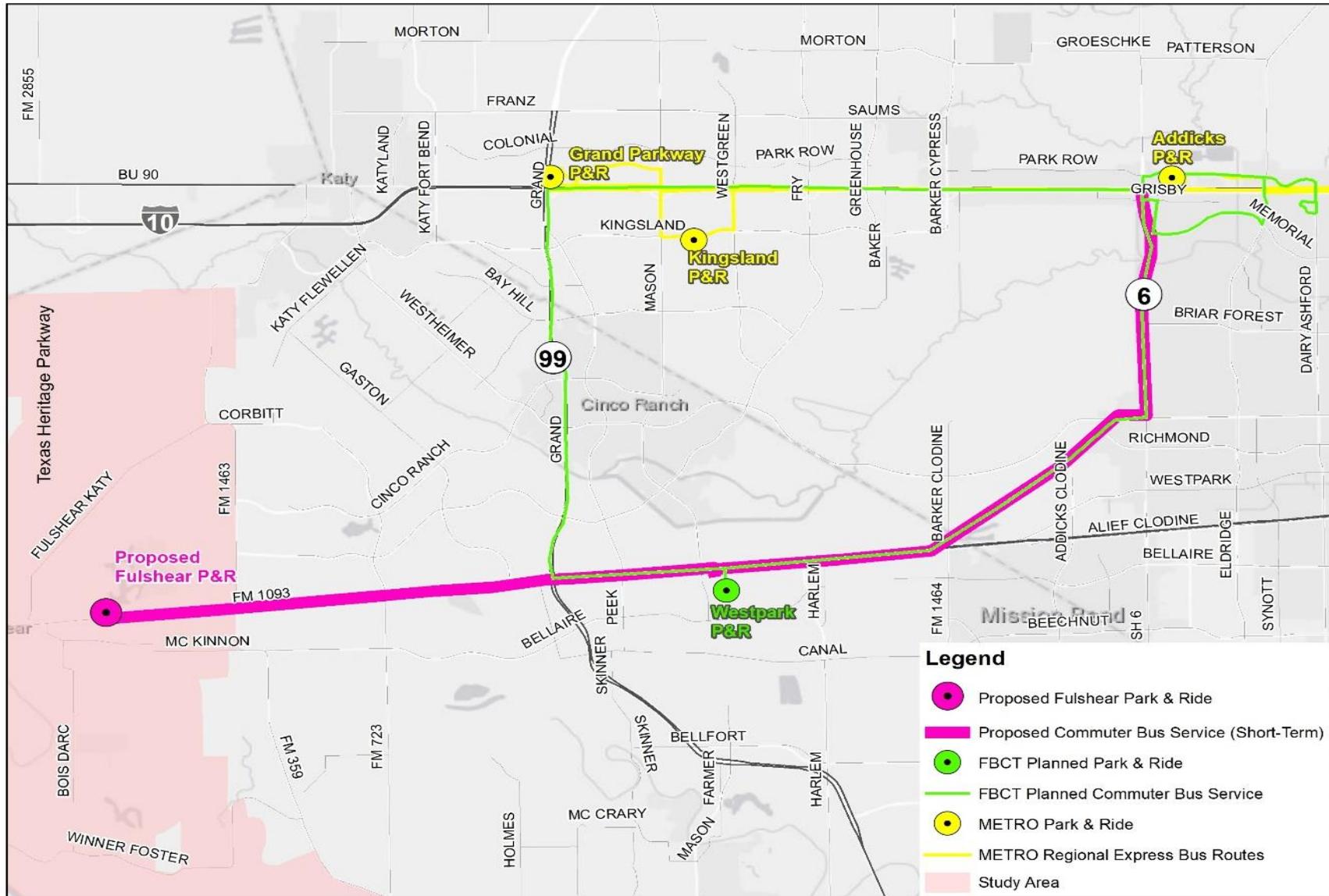
■ Concepts:

- ✓ Fulshear Park & Ride off FM 1093
- ✓ Westpark Express - commuter bus service from Fulshear Park & Ride to Energy Corridor

■ Benefits:

- ✓ Direct service from Fulshear to the Energy Corridor
- ✓ Connect to METRO bus routes at Addicks Park & Ride with service to Memorial City, Uptown/Galleria, and Downtown Houston

Regional Express Network Concepts (Short-Range)



Regional Express Network Concepts (Long-Range)

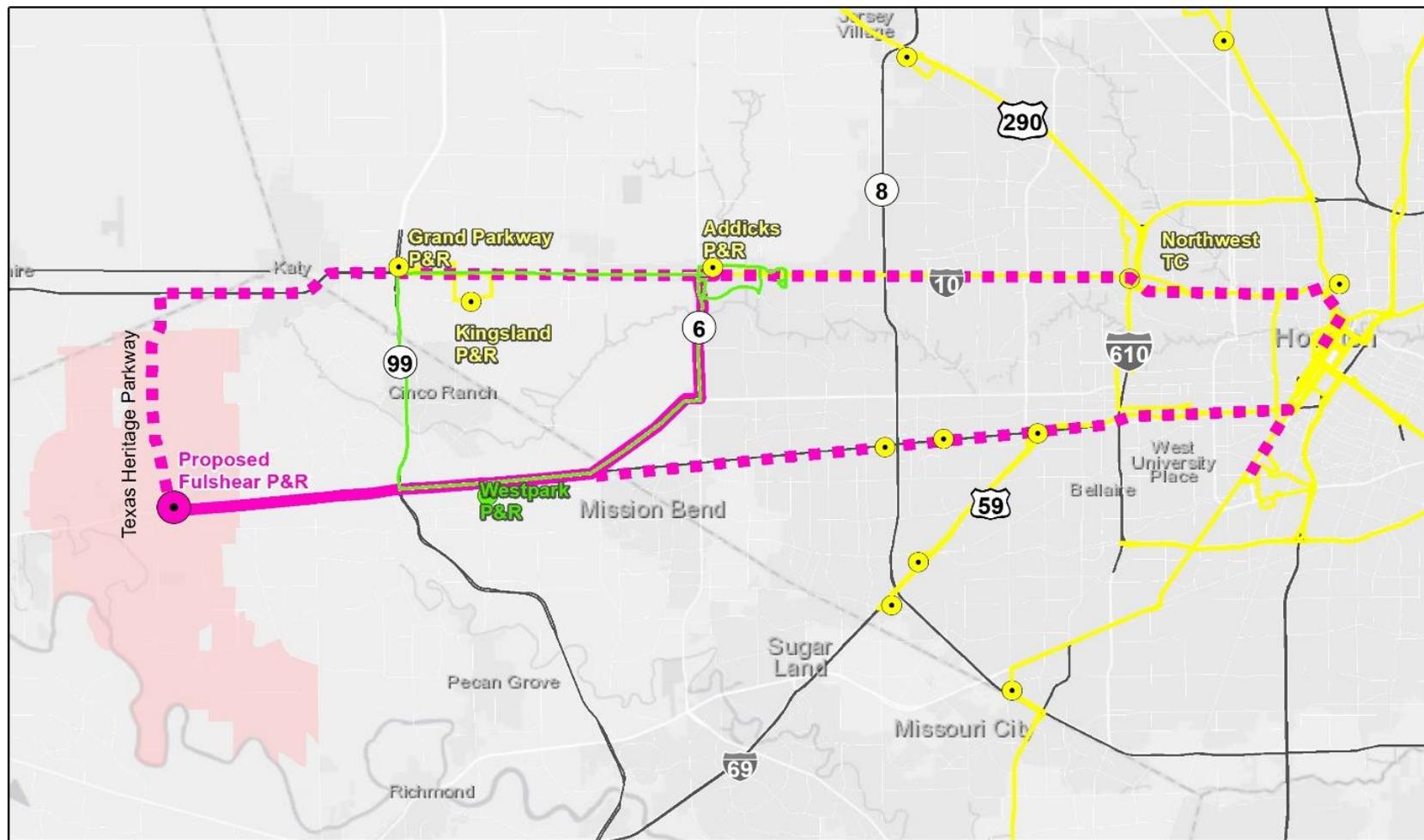
■ Concepts:

- ✓ Westpark Express - commuter bus service to Energy Corridor & TMC
- ✓ Texas Heritage Express - commuter bus service to Energy Corridor & Downtown Houston
- ✓ Reverse Commute

■ Benefits:

- ✓ Direct service from Fulshear to Energy Corridor, Downtown Houston & TMC
- ✓ Connect to METRO bus routes at Addicks Park & Ride with service to Memorial City & Uptown/Galleria

Regional Express Network Concepts (Long-Range)



Proposed Commuter Bus Service

- Short-Term
- - - Long-Term
- Proposed Fulshear Park & Ride

- FBCT Planned Park & Ride
- FBCT Planned Commuter Bus Service
- METRO Park & Ride
- METRO Regional Express Bus Routes

Study Area

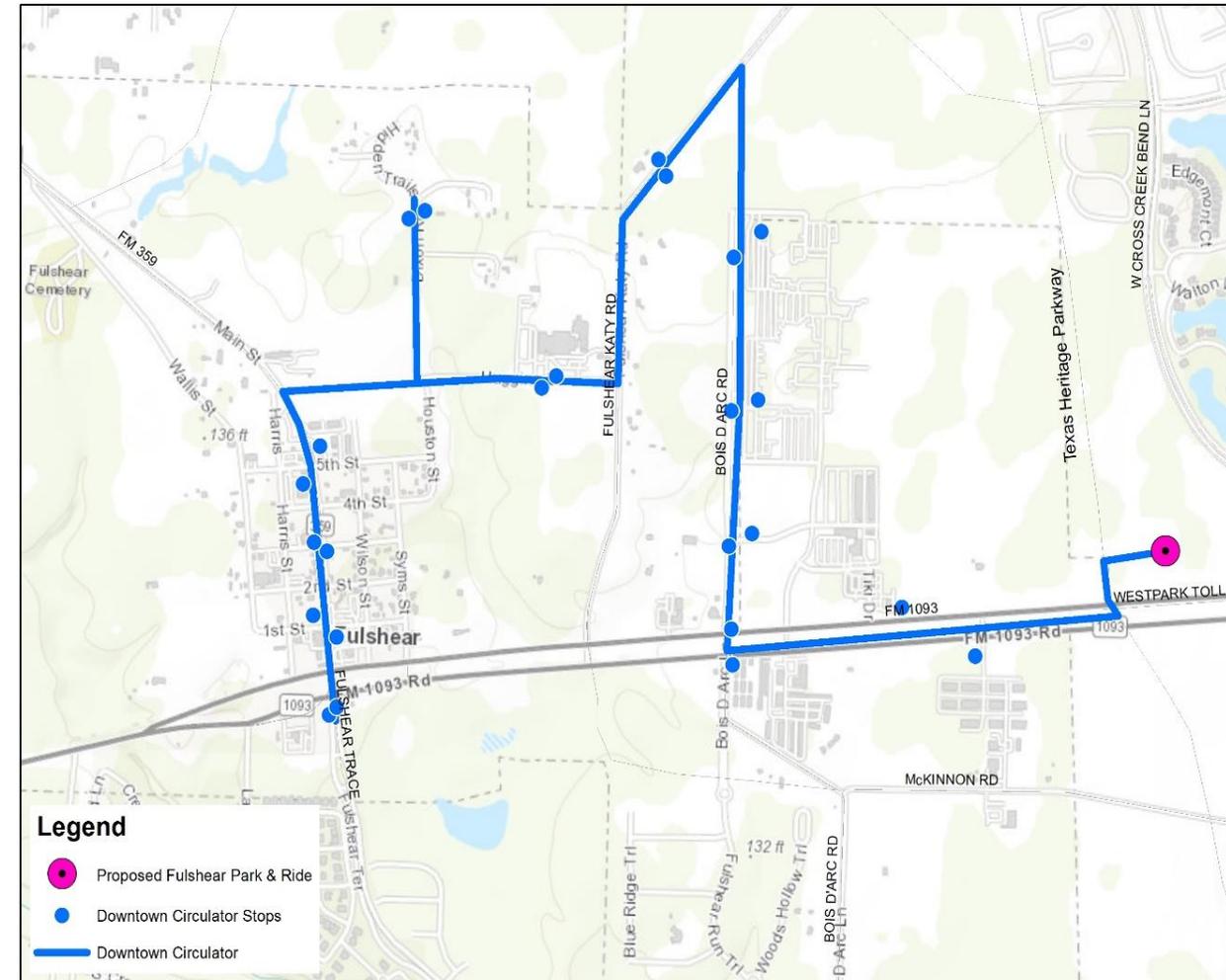
Local Bus Network Concepts (Short-Range)

■ Downtown Circulator

- ✓ Connect to proposed Fulshear P&R
- ✓ Connect to proposed commuter bus route

■ Destinations Served:

- ✓ Cross Creek Ranch
- ✓ Government and public institutions near Downtown (postal office, fire station, police office, library, city hall)
- ✓ Irene Stern Community Center
- ✓ Primrose Park
- ✓ Schools
- ✓ Other Downtown commercial sites



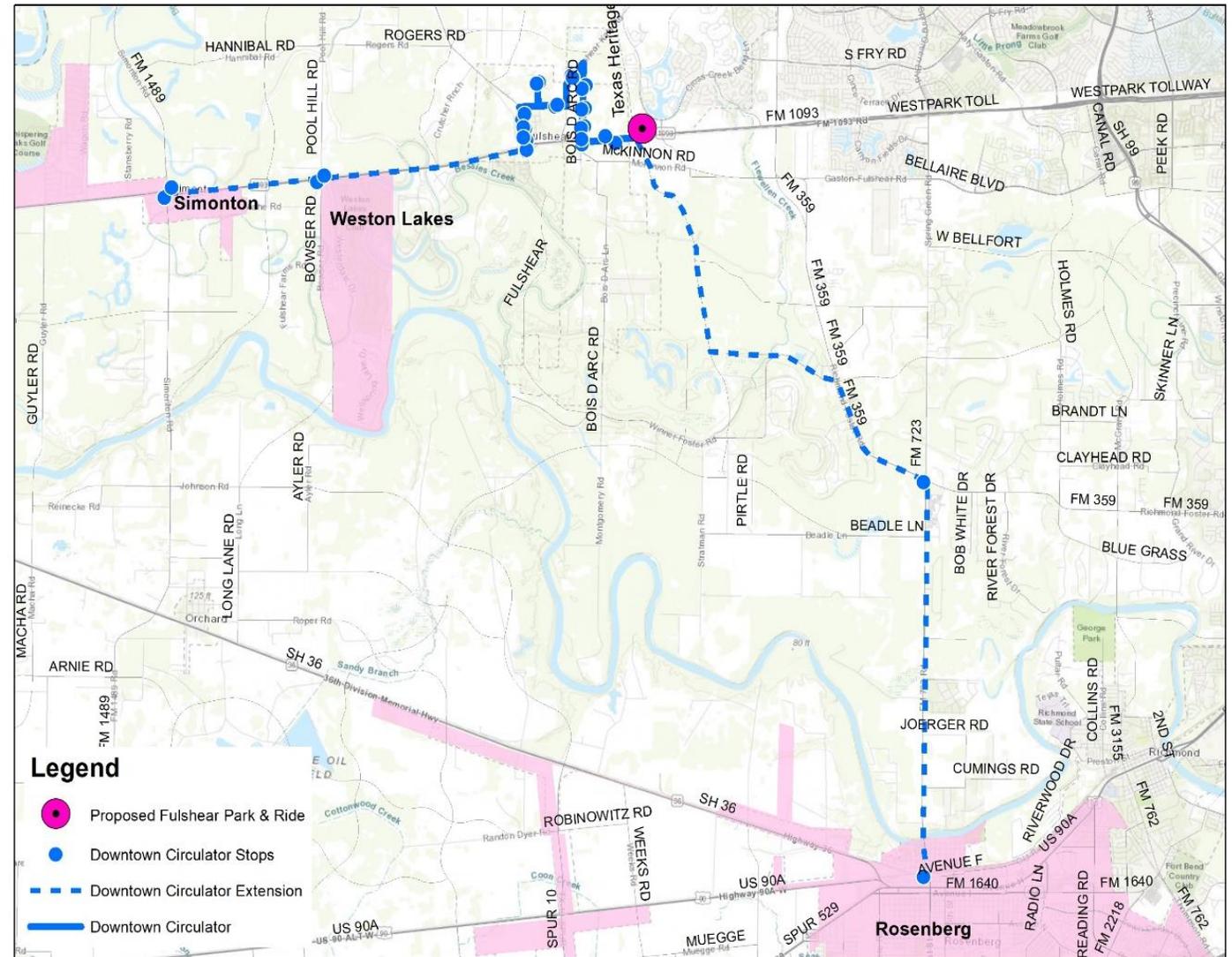
Local Bus Network Concepts (Long-Range)

- **Downtown Circulator Extension**

- ✓ Extend Downtown Circulator route to Simonton & Rosenberg

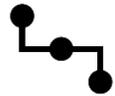
- **Destinations Served:**

- ✓ Downtown Circulator destinations
- ✓ Simonton
- ✓ Rosenberg



Local Bus Network Concepts

- **Downtown Circulator & Downtown Circulator Extension Benefits:**



Bring workers and visitors from Simonton and Rosenberg to Fulshear



Reduce demand for parking and vehicle-oriented development in Downtown



Support Downtown redevelopment



Benefit the Fulshear community by providing service to key Fulshear destinations such as educational, employment, financial, and governmental institutions

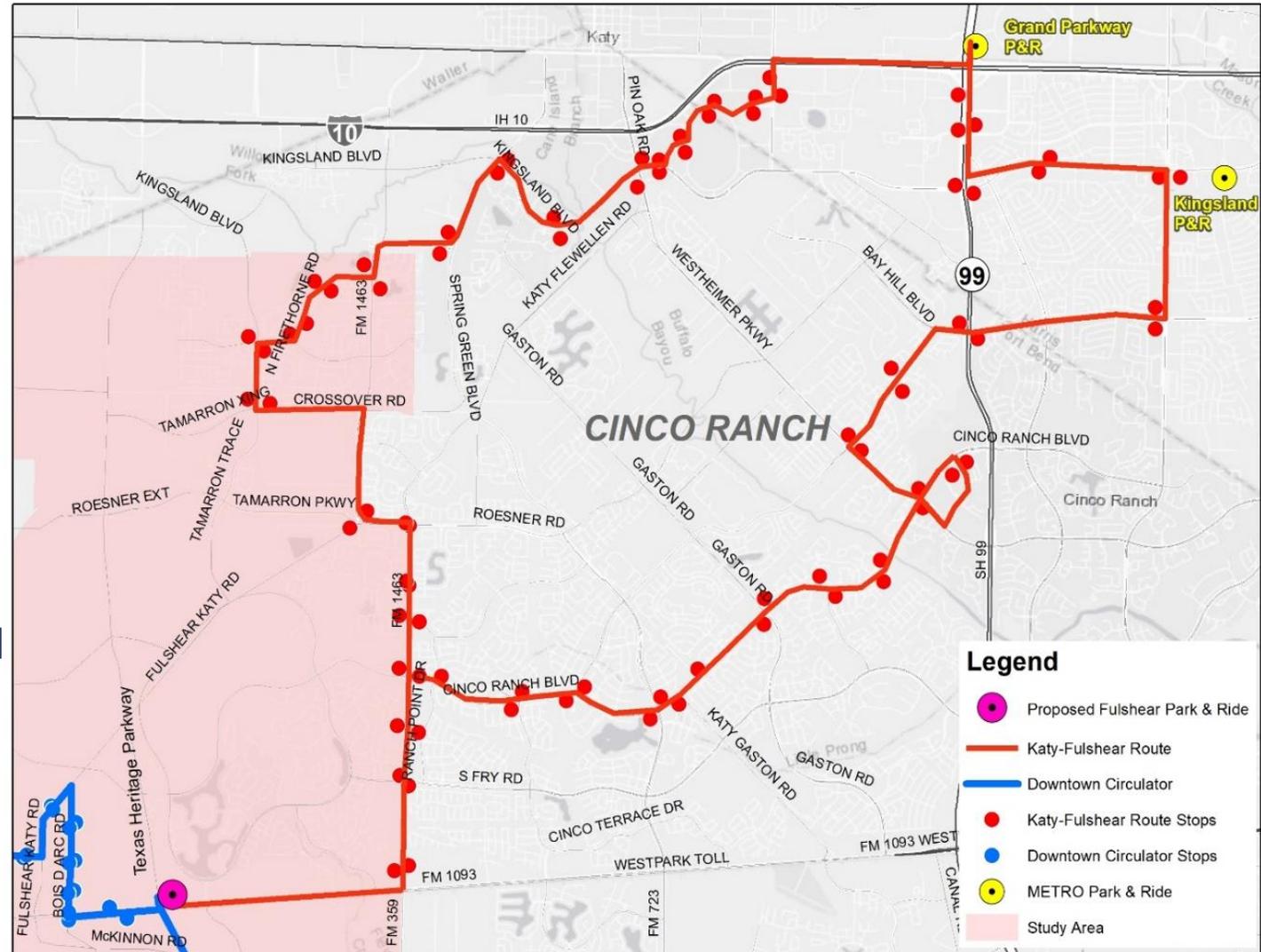
Local Bus Network Concepts

■ Katy-Fulshear Route

- ✓ Connect Fulshear with Katy and Cinco Ranch
- ✓ Run along three major connectors

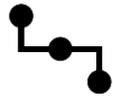
■ Destinations Served:

- ✓ Fulshear and Cinco Ranch neighborhoods
- ✓ Schools along FM 1463
- ✓ Shopping Centers- LaCenterra and Katy Mills Mall
- ✓ Typhoon Texas Waterpark
- ✓ Retailers
- ✓ METRO Grand Parkway P&R



Local Bus Network Concepts

- **Katy-Fulshear Route Benefits:**



Brings Cinco Ranch area residents, workers, and visitors to Fulshear



Provide an alternative travel option and reduce traffic congestion on three major connectors to IH 10 and Grand Parkway



Connects the Fulshear and Katy Cinco Ranch communities to key educational, employment, and retail destinations

Vanpool Concepts

- **Short-Range:**

- ✓ Promote METRO STAR vanpool program

- **Long-Range:**

- ✓ Joint vanpool program between Fort Bend Transit and METRO

- **Benefits:**

- ✓ Shared ride for residents with long-distance commutes
- ✓ Reduce single-occupancy vehicles on the road
- ✓ More flexibility compared to fixed route service
- ✓ Reduce commuting expenses and stress



Complementary Paratransit Service Concept

- The Americans with Disabilities Act (ADA) requires complementary paratransit service to people with disabilities in junction with fixed local route service.
- Applicable if fixed local routes, such as the Downtown Circulator and Katy-Fulshear routes, are in operation
- Provide door-to-door service within 3/4 of a mile from fixed local bus routes



Plan Implementation

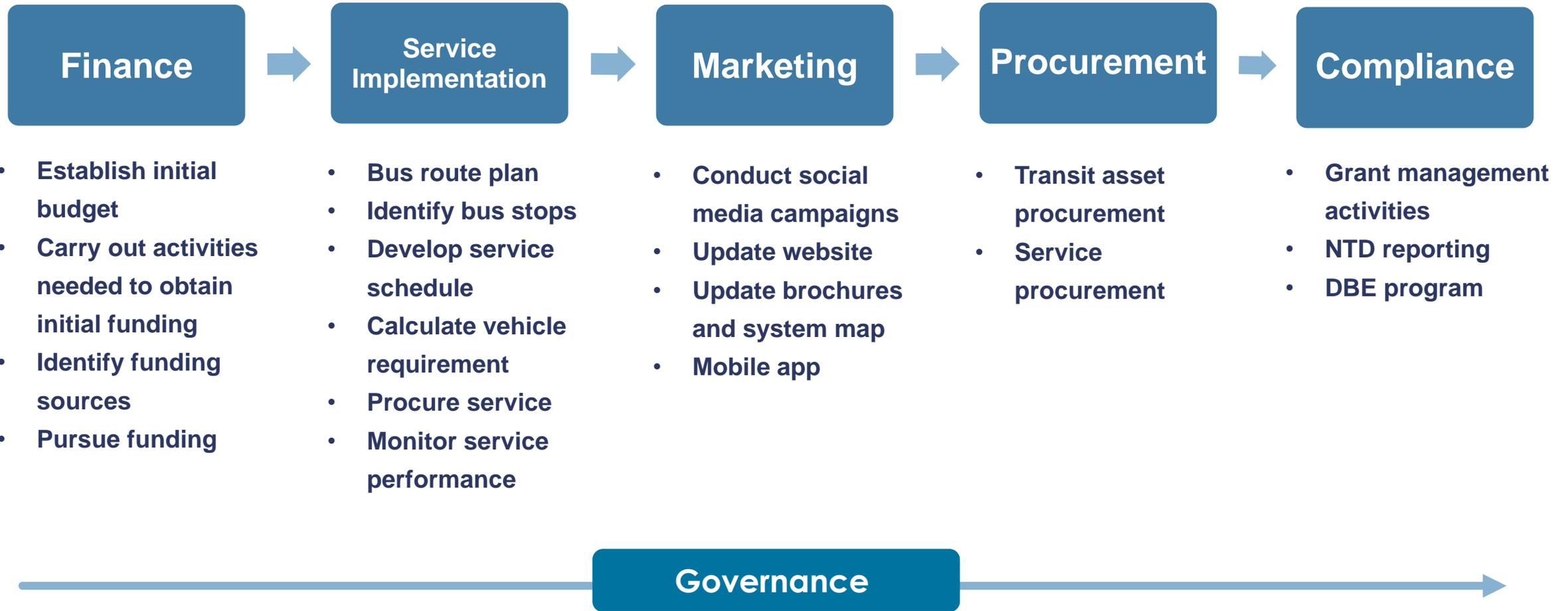
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Implementation Activities

Type of Activity	Responsible Party
Governance	Fort Bend Transit (FBT), City of Fulshear
Financial	FBT
Service Implementation	FBT, City of Fulshear
Marketing	FBT, City of Fulshear
Procurement	FBT
Compliance	FBT

Implementation Activities



- Collaboration between City of Fulshear, FBT. and other stakeholders

Funding

- Federal funding sources
- State revenue sources
- Local match



Implementation Strategies

- **Transit-oriented development (TOD) and joint development**
- **Public-private partnerships (P3s)**
- **Coordination with other regional agencies and transit providers**
- **Marketing**

Thank You

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