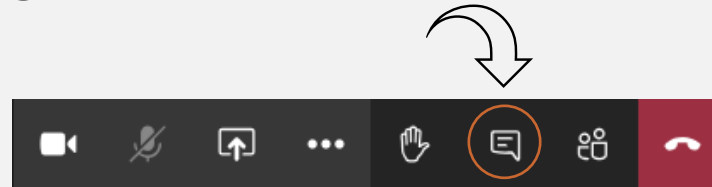


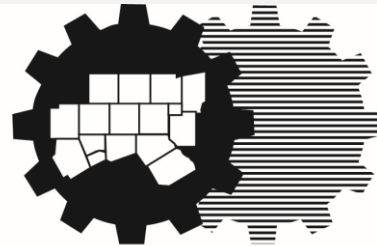
# WELCOME

The Intermodal Transportation Hubs for Colleges and Universities Study Stakeholder meeting will begin shortly.

Please mute your microphones and enter your name and organization in the chat box.



Thank You



**North Central Texas  
Council of Governments**

**INTERMODAL TRANSPORTATION  
HUBS FOR COLLEGES  
AND UNIVERSITIES STUDY  
  
STAKEHOLDER MEETING**

July 21, 2021

North Central Texas Council of Governments

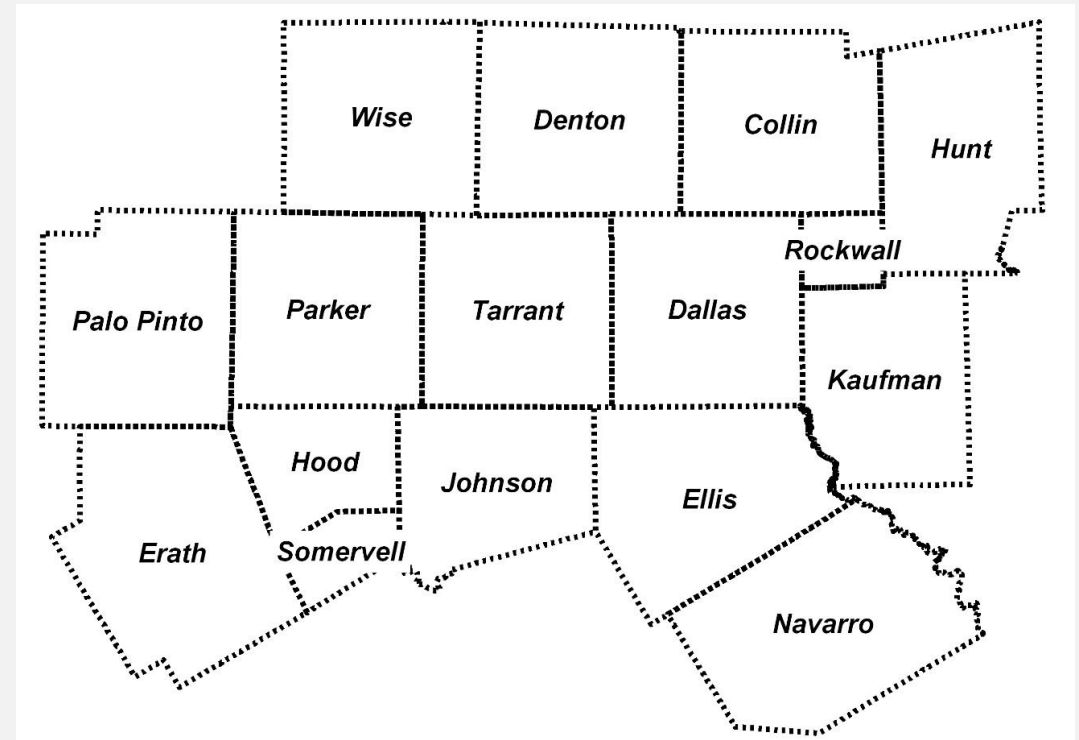
# AGENDA

- Welcome and Introductions
- Demographic Forecast: Impacts
- Project Overview
- Mobility Hub Concept Overview
- Work Plan
- Study Elements
- Other Planning Efforts
- Scope of Work Development
- Additional Considerations
- Next Steps

# NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (NCTCOG)

- Established in 1966 as a voluntary association assisting local governments in the North Central Texas region.
- **PLANNING** for common needs
- **COOPERATING** for mutual benefit
- **COORDINATING** for sound regional development
- The Transportation Department, federally designated as the Metropolitan Planning Organization (MPO), coordinates service and creates short-term and long-term plans.

[www.nctcog.org](http://www.nctcog.org)



# REGIONAL DEMOGRAPHIC CHANGES

## POPULATION FORECAST

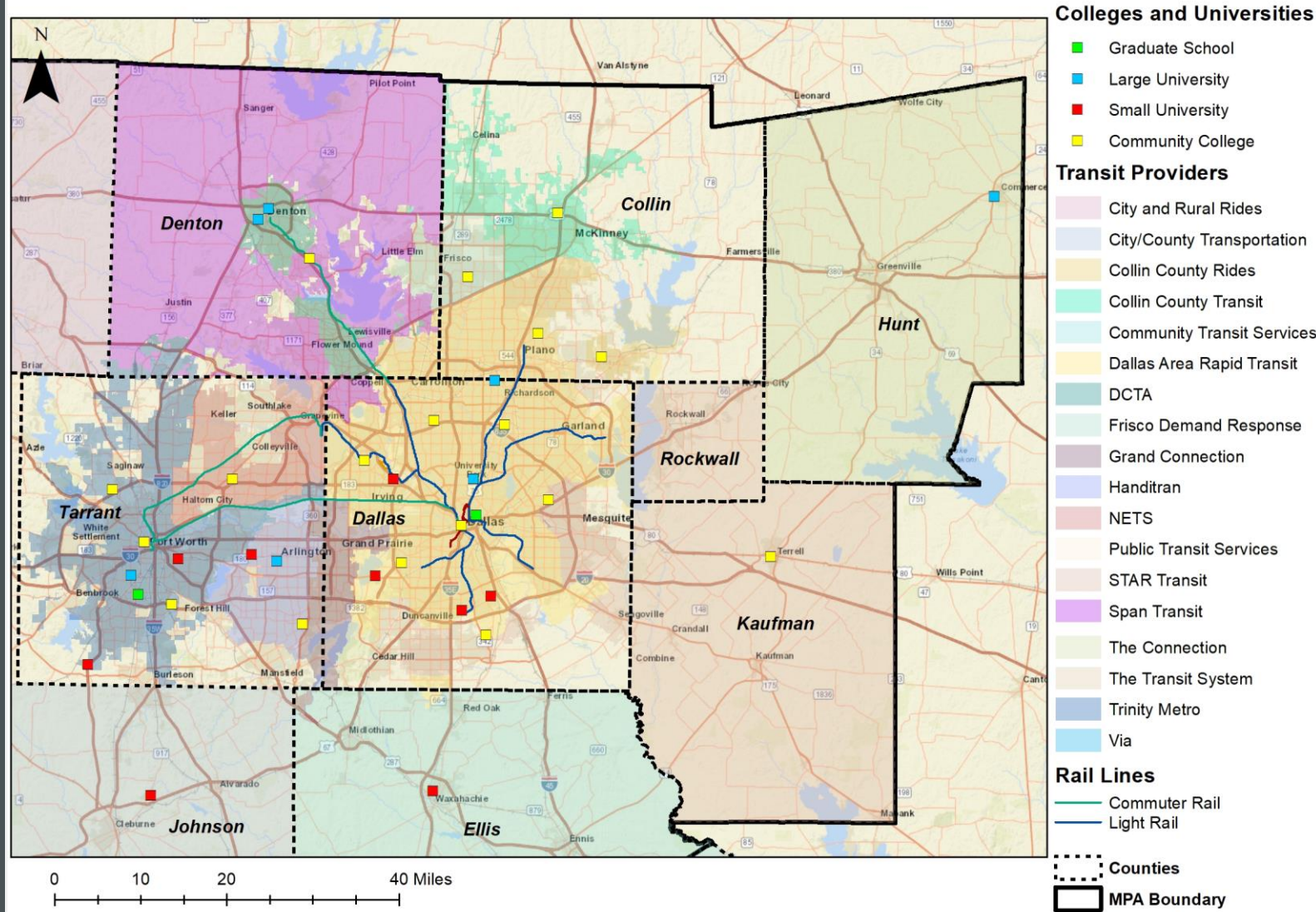
## EMPLOYMENT FORECAST

County	2021	2028	2045	Percent Change (2021-2028)	Percent Change (2021-2045)
Rockwall	113,000	130,000	182,000	15.04%	61.06%
Kaufman	132,000	163,000	224,000	23.48%	69.70%
Ellis	207,000	224,000	301,000	8.21%	45.41%
Collin	1,083,000	1,232,000	1,689,000	13.76%	55.96%
Wise	66,000	81,000	106,000	22.73%	60.61%
Denton	933,000	1,000,000	1,346,000	7.18%	44.27%
Tarrant	2,091,000	2,509,000	3,264,000	19.99%	56.10%
Johnson	185,000	204,000	263,000	10.27%	42.16%
Parker	139,000	159,000	207,000	14.39%	48.92%
Hood	67,000	68,000	86,000	1.49%	28.36%
Hunt	102,000	107,000	134,000	4.90%	31.37%
Dallas	2,619,000	2,847,000	3,445,000	8.71%	31.54%
<b>Region</b>	<b>7,737,000</b>	<b>8,724,000</b>	<b>11,247,000</b>	<b>12.76%</b>	<b>45.37%</b>

County	2018	2028	2045	Percent Change (2018-2028)	Percent Change (2018-2045)
Hunt	48,000	57,000	73,000	18.75%	52.08%
Denton	317,000	354,000	480,000	11.67%	51.42%
Tarrant	1,237,000	1,420,000	1,827,000	14.79%	47.70%
Dallas	2,241,000	2,609,000	3,298,000	16.42%	47.17%
Collin	576,000	619,000	835,000	7.47%	44.97%
Ellis	72,000	80,000	103,000	11.11%	43.06%
Johnson	79,000	87,000	111,000	10.13%	40.51%
Rockwall	42,000	44,000	59,000	4.76%	40.48%
Kaufman	49,000	54,000	68,000	10.20%	38.78%
Wise	39,000	40,000	52,000	2.56%	33.33%
Hood	25,000	24,000	32,000	-4.00%	28.00%
Parker	68,000	68,000	87,000	0.00%	27.94%
<b>Region</b>	<b>4,793,000</b>	<b>5,456,000</b>	<b>7,025,000</b>	<b>13.83%</b>	<b>46.57%</b>

# PROJECT OVERVIEW

- NCTCOG received initial request from DCTA for a UNT mobility hub. Expanded scope to include colleges and universities throughout the region
- This study will assess potential for mobility hubs on campuses; offer solutions, guidance, and options for funding and implementation
- Surface Transportation Block Grant Funding in place
- Consultant assistance will be utilized





# Major Transit Corridor Recommendations

-  Recommended Rail
-  Existing Rail
-  Recommended High-Intensity Bus

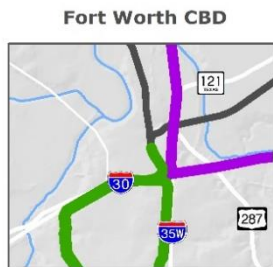
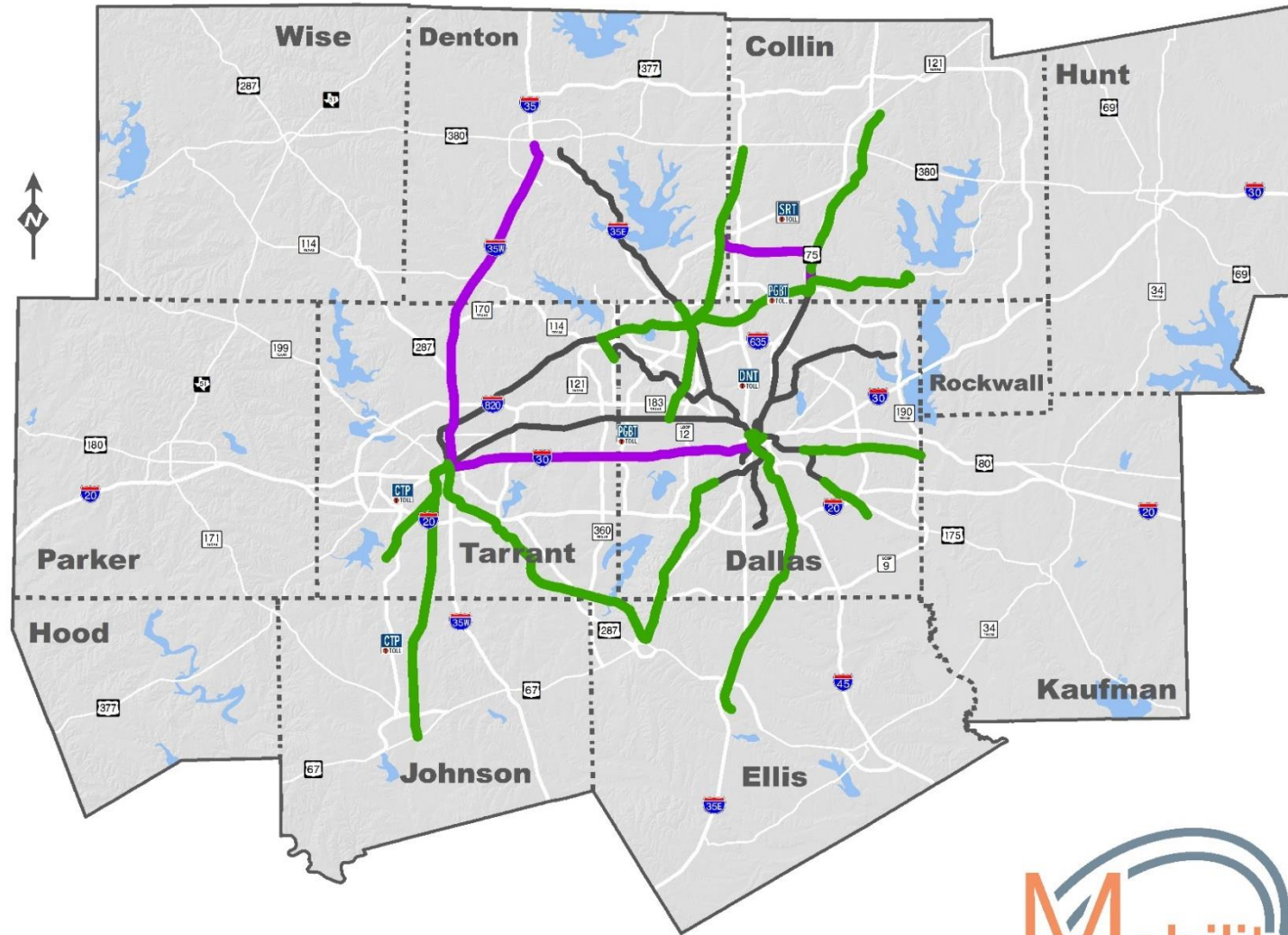




Image Provided by CoMoUK

## MOBILITY HUB CONCEPT

Mobility Hubs are the physical embodiment of a seamlessly connected transportation network. They are the concrete and visible display of the availability of mobility options. They make the network more coherent and legible by conveniently co-locating public transportation, microtransit, carsharing, micromobility, and goods delivery.

- Shared-Use Mobility Center

- Each mobility hub can be designed specifically for the surrounding community it serves.
- A mobility hub area includes not just the transit station itself but all those services and destinations that are accessible within a 5-min walk, bike, or drive to/from high-frequency transit.
- Mobility Hubs can include (but are not limited to):
  - Transit Amenities
  - Pedestrian Amenities
  - Bike Amenities
  - Motorized Services/Amenities
  - Support Services/Amenities

Source: SANDAG Mobility Hub Features Catalog



# TRANSIT AMENITIES

- Enhanced Waiting Areas
- Passenger Loading Zones
- Real-Time Travel Information



# PEDESTRIAN AMENITIES

- Walkways
- Safe, Convenient Crossings



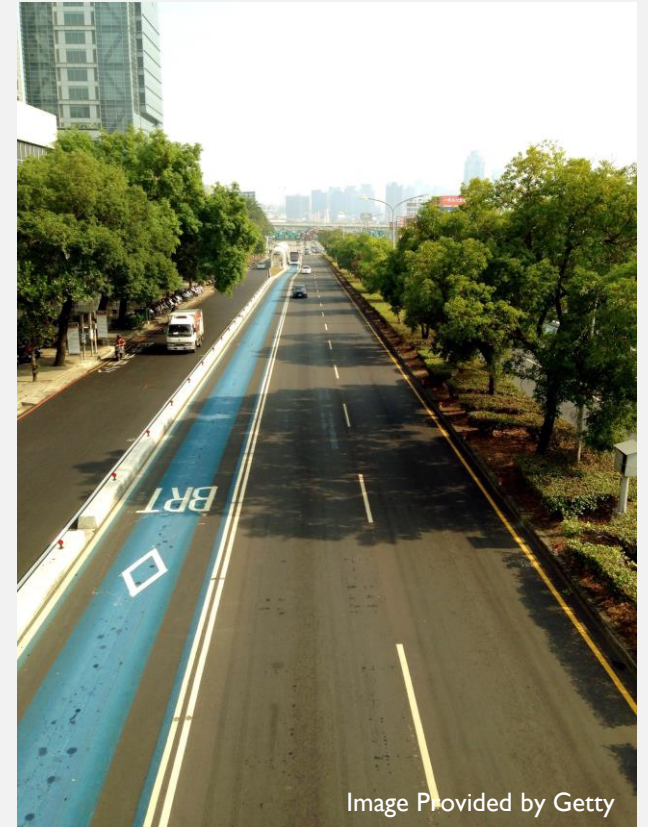
# BIKE AMENITIES

- Bikeways
- Bike Parking
- Bikeshare



# MOTORIZED SERVICES & AMENITIES

- Dedicated Transit Lanes
- Electric Bike/Scooter Share
- Carshare
- Microtransit
- EV Charging
- Flexible Curb Space



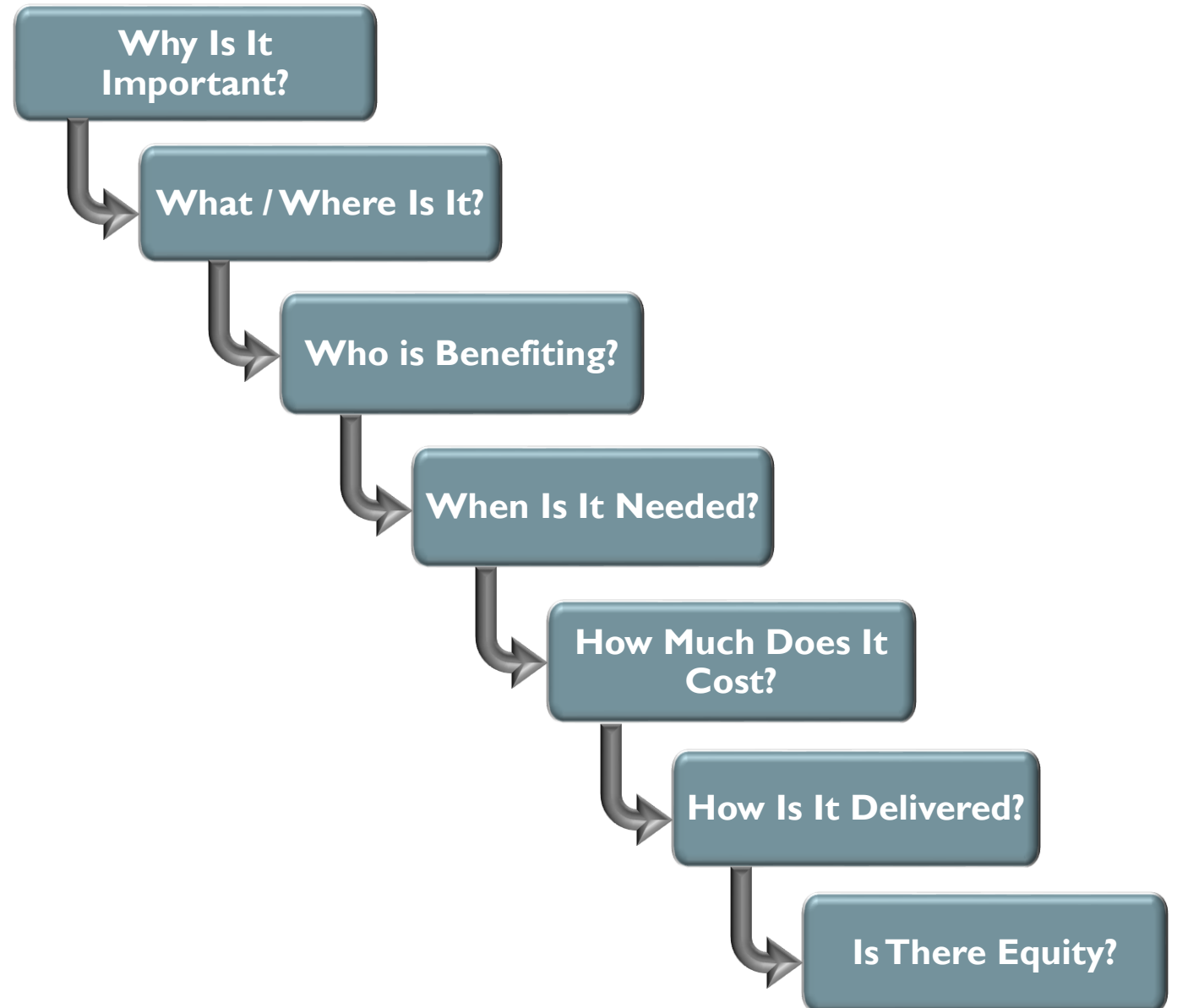
# SUPPORT SERVICES & AMENITIES

- Wayfinding
- Package Delivery
- Mobile Retail Services
- Integrated/Universal Payment Solutions

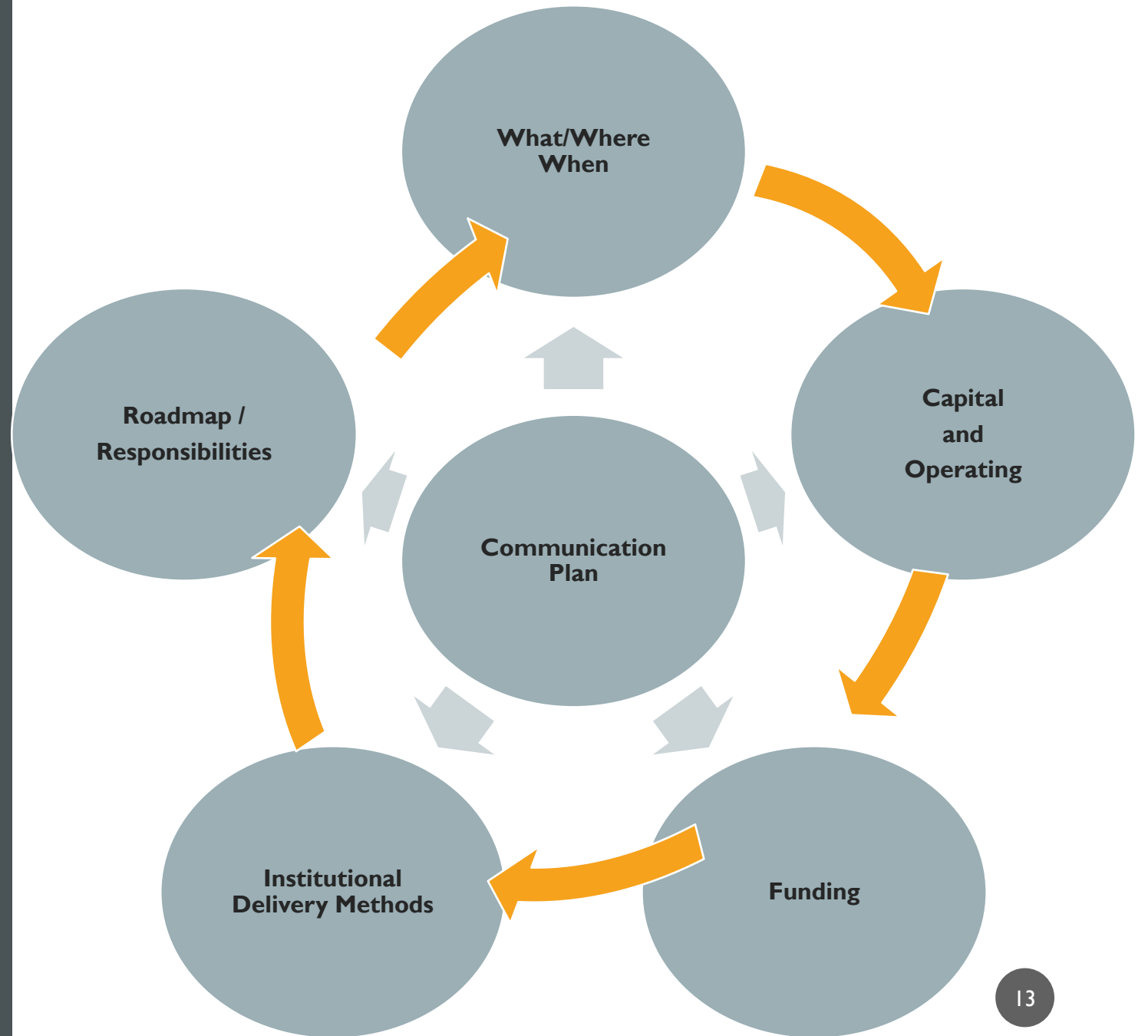


Image Provided by Getty

# PROPOSED WORK PLAN



# STUDY ELEMENTS





**BUILDING  
ON OTHER  
PLANNING  
EFFORTS**



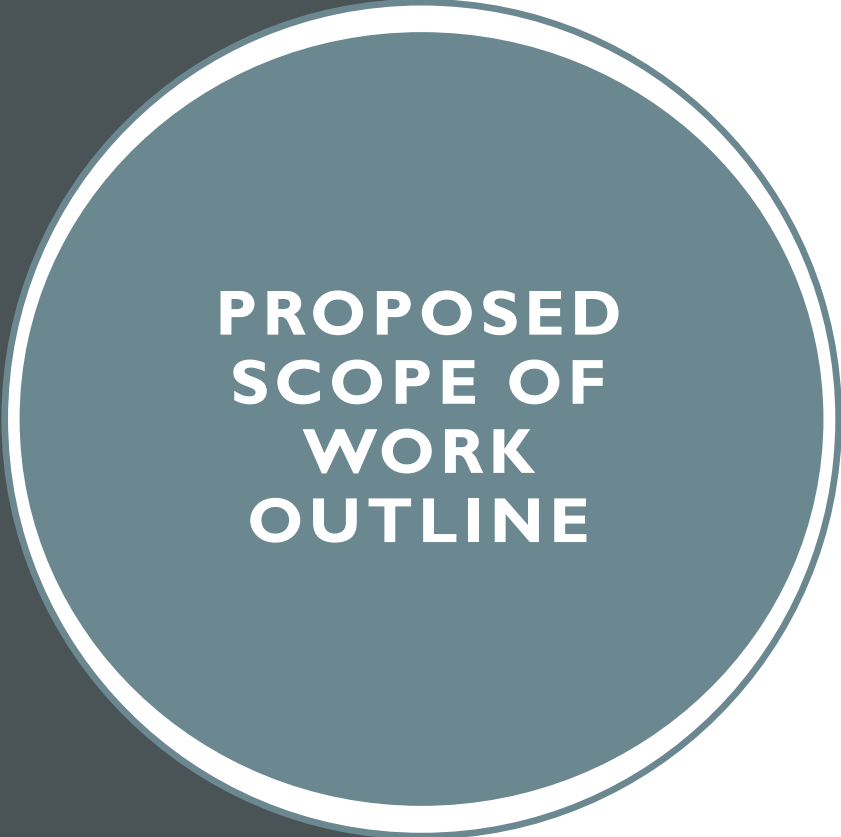
***Regional Transit  
Studies***

Geographic Focus	NCTCOG Region	NCTCOG Region	Outside Transit Authority Service Areas
User Focus	All Users	Vulnerable Users	All Users
Travel Modes	All Modes	Bus, Demand Response, and Paratransit	Bus and Demand Response
Planning Horizon	Long-Range	Short/Medium-Range	Short/Medium-Range



**OTHER  
REGIONAL  
EFFORTS**

- Rail Corridors
  - DART Silver Line
  - TEXRail Medical District Extension
- TxDOT/RTC Roadways
- University Partnerships
  - Trinity Metro Transit Passes for TCC Students
  - University Partnership Program
- Regional Veloweb/Active Transportation Development
- Sustainable Development Planning
  - Transit-Oriented Development
  - Routes to Rail



**PROPOSED  
SCOPE OF  
WORK  
OUTLINE**

- Task 1: Project Management
- Task 2: Public and Stakeholder Involvement
- Task 3: Comprehensive Transportation Needs Assessment
- Task 4: Scenario Development and Evaluation
- Task 5: Funding Plan
- Task 6: Implementation Strategies
- Task 7: Final Report

# DISCUSSION



Stakeholder Input



Additional Considerations

## **NEXT STEPS**

<b>Timeframe</b>	<b>Action</b>
July 21, 2021	Stakeholder Meeting
August 6, 2021	Release RFP
Fall 2021	Consultant Selection, Contract Negotiations
January 2022	NCTCOG Executive Board Action
Late Winter 2022	Study Kick-Off



# CONTACT INFORMATION

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**Study Website:**  
[www.nctcog.org/transitstudies](http://www.nctcog.org/transitstudies)  
Study Webpage Coming Soon

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