

MINUTES OF THE CITY COUNCIL COMMITTEE  
MONDAY, OCTOBER 16, 2023

23-0002

TRANSPORTATION AND INFRASTRUCTURE COMMITTEE  
CITY COUNCIL CHAMBER, CITY HALL/VIDEO CONFERENCE  
COUNCILMEMBER OMAR NARVAEZ, PRESIDING

PRESENT: [6] Narvaez, Gracey, \*Resendez (\*\*1:05 p.m.), Stewart, Schultz, Mendelsohn

ABSENT: [1] Atkins

The meeting was called to order at 1:04 p.m. with a quorum of the committee present.

The meeting agenda, posted in accordance with Chapter 551, "OPEN MEETINGS," of the Texas Government Code, was presented.

After all business properly brought before the committee had been considered, the meeting adjourned at 2:48 p.m.

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Chair

ATTEST:

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City Secretary Staff

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Date Approved

The agenda is attached to the minutes of this meeting as EXHIBIT A.

The actions taken on each matter considered by the committee are attached to the minutes of this meeting as EXHIBIT B.

The briefing materials are attached to the minutes of this meeting as EXHIBIT C.

**\*Note: Members of the Committee participated in this meeting by video conference.**

**\*\* Note: Indicates arrival time after meeting called to order/reconvened.**

MINUTES OF THE CITY COUNCIL COMMITTEE  
MONDAY, OCTOBER 16, 2023

EXHIBIT A

**RECEIVED**

**2023 OCT 13 PM 12:42**

**CITY SECRETARY  
DALLAS, TEXAS**

**City of Dallas**

*1500 Marilla Street,  
Council Chambers, 6th Floor  
Dallas, Texas 75201*

**Public Notice**

**230908**

**POSTED** CITY SECRETARY  
DALLAS, TX



**Transportation and Infrastructure Committee**

**October 16, 2023**

**1:00 PM**

## 2023 CITY COUNCIL APPOINTMENTS

<b>COUNCIL COMMITTEE</b>	
<b>ECONOMIC DEVELOPMENT</b> Atkins (C), Narvaez (VC), Arnold, Bazaldua, Ridley, Stewart, West	<b>GOVERNMENT PERFORMANCE AND FINANCIAL MANAGEMENT</b> West (C), Blackmon (VC), Mendelsohn, Moreno, Resendez
<b>HOUSING AND HOMELESSNESS SOLUTIONS</b> Moreno (C), Mendelsohn (VC), Gracey, West, Willis	<b>PARKS, TRAILS, AND THE ENVIRONMENT</b> Stewart (C), Moreno (VC), Arnold, Bazaldua, Blackmon, Narvaez, West
<b>PUBLIC SAFETY</b> Mendelsohn (C), Stewart (VC), Atkins, Moreno, Willis	<b>QUALITY OF LIFE, ARTS, AND CULTURE</b> Bazaldua (C), Resendez (VC), Blackmon, Gracey, Ridley, Schultz, Willis
<b>TRANSPORTATION AND INFRASTRUCTURE</b> Narvaez (C), Gracey (VC), Atkins, Mendelsohn, Resendez, Schultz, Stewart	<b>WORKFORCE, EDUCATION, AND EQUITY</b> Schultz (C), Arnold (VC), Bazaldua, Blackmon, Resendez, Ridley, Willis
<b>AD HOC COMMITTEE ON ADMINISTRATIVE AFFAIRS</b> Atkins (C), Mendelsohn, Moreno,	<b>AD HOC COMMITTEE ON GENERAL INVESTIGATING AND ETHICS</b> Mendelsohn (C), Gracey, Johnson, Schultz, Stewart
<b>AD HOC COMMITTEE ON JUDICIAL NOMINATIONS</b> Ridley (C), Resendez, West	<b>AD HOC COMMITTEE ON LEGISLATIVE AFFAIRS</b> Mendelsohn (C), Atkins, Gracey, Narvaez, Stewart
<b>AD HOC COMMITTEE ON PENSIONS</b> Atkins (C), Blackmon, Mendelsohn, Moreno, Resendez, Stewart, West, Willis	<b>AD HOC COMMITTEE ON PROFESSIONAL SPORTS RECRUITMENT AND RETENTION</b> Gracey (C), Blackmon, Johnson, Moreno, Narvaez, Resendez, Schultz

(C) – Chair, (VC) – Vice Chair

Note: A quorum of the Dallas City Council may attend this Council Committee meeting.

## General Information

The Dallas Council Committees regularly meet on Mondays beginning at 9:00 a.m. and 1:00 p.m. in the Council Chambers, 6th floor, City Hall, 1500 Marilla. Council Committee agenda meetings are broadcast live on [bit.ly/cityofdallastv](http://bit.ly/cityofdallastv) and on Time Warner City Cable Channel 16.

Sign interpreters are available upon request with a 48-hour advance notice by calling (214) 670-5208 V/TDD. The City of Dallas is committed to compliance with the Americans with Disabilities Act. **The Council agenda is available in alternative formats upon request.**

If you have any questions about this agenda or comments or complaints about city services, call 311.

## Rules of Courtesy

City Council meetings bring together citizens of many varied interests and ideas. To insure fairness and orderly meetings, the Council has adopted rules of courtesy which apply to all members of the Council, administrative staff, news media, citizens and visitors. These procedures provide:

- That no one shall delay or interrupt the proceedings, or refuse to obey the orders of the presiding officer.
- All persons should refrain from private conversation, eating, drinking and smoking while in the Council Chamber.
- Posters or placards must remain outside the Council Chamber.
- No cellular phones or audible beepers allowed in Council Chamber while City Council is in session.

"Citizens and other visitors attending City Council meetings shall observe the same rules of propriety, decorum and good conduct applicable to members of the City Council. Any person making personal, impertinent, profane or slanderous remarks or who becomes boisterous while addressing the City Council or while attending the City Council meeting shall be removed from the room if the sergeant-at-arms is so directed by the presiding officer, and the person shall be barred from further audience before the City Council during that session of the City Council. If the presiding officer fails to act, any member of the City Council may move to require enforcement of the rules, and the affirmative vote of a majority of the City Council shall require the presiding officer to act." Section 3.3(c) of the City Council Rules of Procedure.

## Información General

Los Comités del Concejo de la Ciudad de Dallas se reúnen regularmente los lunes en la Cámara del consejo en el sexto piso del Ayuntamiento, 1500 Marilla, a partir de las 9:00 a.m. y la 1:00 p.m. Las reuniones de la agenda del Comité del Consejo se transmiten en vivo por la estación de [bit.ly/cityofdallastv](http://bit.ly/cityofdallastv) y por cablevisión en la estación *Time Warner City Cable Canal 16*.

Intérpretes para personas con impedimentos auditivos están disponibles si lo solicita con 48 horas de anticipación llamando al (214) 670-5208 (aparato auditivo V/TDD). La Ciudad de Dallas se esfuerza por cumplir con el decreto que protege a las personas con impedimentos, *Americans with Disabilities Act*. **La agenda del Ayuntamiento está disponible en formatos alternos si lo solicita.**

Si tiene preguntas sobre esta agenda, o si desea hacer comentarios o presentar quejas con respecto a servicios de la Ciudad, llame al 311.

## Reglas de Cortesía

Las asambleas del Ayuntamiento Municipal reúnen a ciudadanos de diversos intereses e ideologías. Para asegurar la imparcialidad y el orden durante las asambleas, el Ayuntamiento ha adoptado ciertas reglas de cortesía que aplican a todos los miembros del Ayuntamiento, al personal administrativo, personal de los medios de comunicación, a los ciudadanos, y a visitantes. Estos reglamentos establecen lo siguiente:

- Ninguna persona retrasará o interrumpirá los procedimientos, o se negará a obedecer las órdenes del oficial que preside la asamblea.
- Todas las personas deben abstenerse de entablar conversaciones, comer, beber y fumar dentro de la cámara del Ayuntamiento.
- Anuncios y pancartas deben permanecer fuera de la cámara del Ayuntamiento.
- No se permite usar teléfonos celulares o enlaces electrónicos (*paggers*) audibles en la cámara del Ayuntamiento durante audiencias del Ayuntamiento Municipal

"Los ciudadanos y visitantes presentes durante las asambleas del Ayuntamiento Municipal deben de obedecer las mismas reglas de comportamiento, decoro y buena conducta que se aplican a los miembros del Ayuntamiento Municipal. Cualquier persona que haga comentarios impertinentes, utilice vocabulario obsceno o difamatorio, o que al dirigirse al Ayuntamiento lo haga en forma escandalosa, o si causa disturbio durante la asamblea del Ayuntamiento Municipal, será expulsada de la cámara si el oficial que este presidiendo la asamblea así lo ordena. Además, se le prohibirá continuar participando en la audiencia ante el Ayuntamiento Municipal. Si el oficial que preside la asamblea no toma acción, cualquier otro miembro del Ayuntamiento Municipal puede tomar medidas para hacer cumplir las reglas establecidas, y el voto afirmativo de la mayoría del Ayuntamiento Municipal precisará al oficial que este presidiendo la sesión a tomar acción." Según la sección 3.3 (c) de las reglas de procedimientos del Ayuntamiento.

## **Handgun Prohibition Notice for Meetings of Governmental Entities**

"Pursuant to Section 30.06, Penal Code (trespass by license holder with a concealed handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a concealed handgun."

*"De acuerdo con la sección 30.06 del código penal (ingreso sin autorización de un titular de una licencia con una pistola oculta), una persona con licencia según el subcapítulo h, capítulo 411, código del gobierno (ley sobre licencias para portar pistolas), no puede ingresar a esta propiedad con una pistola oculta."*

"Pursuant to Section 30.07, Penal Code (trespass by license holder with an openly carried handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a handgun that is carried openly."

*"De acuerdo con la sección 30.07 del código penal (ingreso sin autorización de un titular de una licencia con una pistola a la vista), una persona con licencia según el subcapítulo h, capítulo 411, código del gobierno (ley sobre licencias para portar pistolas), no puede ingresar a esta propiedad con una pistola a la vista."*

"Pursuant to Section 46.03, Penal Code (places weapons prohibited), a person may not carry a firearm or other weapon into any open meeting on this property."

*"De conformidad con la Sección 46.03, Código Penal (coloca armas prohibidas), una persona no puede llevar un arma de fuego u otra arma a ninguna reunión abierta en esta propiedad."*

This Council Committee meeting will be held by video conference and in the Council Chambers, 6thFloor at City Hall. The Public is encourage to attend the meeting virtually, however, City Hall is available for those wishing to attend the meeting in person following all current pandemic-related publichealth protocols. The meeting will be broadcast live on Spectrum Cable Channel 16 and online at [bit.ly/cityofdallastv](https://bit.ly/cityofdallastv). The public may also listen to the meeting as an attendee at the following video conference link

<https://dallascityhall.webex.com/dallascityhall/j.php?MTID=m5d16ae8a445c0ae59101de521a5b875f>

### Call to Order

### MINUTES

- A [23-2663](#) Approval of September 18, 2023 Transportation and Infrastructure Committee Meeting Minutes

**Attachments:** [Minutes](#)

### BRIEFING ITEMS

- B [23-2659](#) Dallas County Inland Port Flood Planning Study  
[John Wiley Price, Commissioner District 3, Dallas County]  
[Lissa Shepard, Senior Bridge Engineer & Floodplain Manager, Dallas County]

**Attachments:** [Presentation](#)

- C [23-2660](#) Dallas Love Field Airport Rideshare Pick-Up Relocation  
[Patrick Carreno, Director, Department of Aviation]  
[Sheneice M. Hughes, Assistant Director, Department of Aviation]

**Attachments:** [Presentation](#)

### BRIEFING BY MEMORANDUMS

- D [23-2661](#) Good Jobs for Good Airports Act Update  
[Carrie Rogers, Director, Governmental Affairs]

**Attachments:** [Memorandum](#)

- E [23-2668](#) An Overview of the Deployment of Autonomous Vehicles within the City of Dallas by Cruise LLC  
[Ghassan Khankarli, Ph.D., P.E., Director, Department of Transportation]

**Attachments:** [Memorandum](#)

- F [23-2662](#) Infrastructure Fee Considerations  
[Ali Hatefi, Director, Department of Public Works]

**Attachments:** [Memorandum](#)

- G [23-2664](#) Monthly Update of Public Works Program Performance - September 2023  
[Ali Hatefi, Director, Department of Public Works]

**Attachments:** [Memorandum](#)

### **FORECAST**

- H [23-2667](#) Committee Forecast

**Attachments:** [Forecast](#)

### **UPCOMING AGENDA ITEMS**

- I [23-2694](#) **Public Works:** Authorize moving expense payments for thirty-nine occupants as a result of an official written offer of just compensation to purchase real property known as 4150 Independence Drive, for the Affordable and Supportive Housing with Opportunities for Referral Based Supportive Services and Facilities Project - Not to exceed \$36,800.00 - Financing: General Fund
- J [23-2695](#) **Public Works:** Authorize an increase in the emergency construction services contract with Camino Construction, L.P. to add funding for the extra work to stabilize the slope next to the pavement at the 1300 block of North Cockrell Hill Road from Davis Street to Pinnacle Point Drive - Not to exceed \$576,128.50, from \$1,225,088.00 to \$1,801,216.50 - Financing: Street and Alley Improvement Fund (subject to annual appropriations)
- K [23-2696](#) **Public Works:** Authorize an increase in the purchase amount of acquisition from Angel Espinosa and Linda Rodriguez, of approximately 4,140 square feet of land improved with a single-family dwelling located near the intersection of Dolphin Road and Detonte Street for the Dolphin Road from Spring Avenue to North Haskell Avenue Project - Not to exceed \$23,000.00, increased from \$115,500.00 (\$111,000.00, plus closing costs and title expenses not to exceed \$4,500.00) to \$138,500.00 (\$130,000.00, plus closing costs and title expenses not to exceed \$8,500.00) - Financing: Street and Transportation (A) Fund (2017 General Obligation Bond Fund) (\$4,600.00) and Capital Projects Reimbursement Fund (\$18,400.00)



- L [23-2697](#) **Public Works:** An ordinance abandoning a portion of a sanitary sewer easement with temporary working space easement to SW White Rock Trail Owner, LLC, the abutting owner, containing approximately 4,457 square feet of land, located near the intersection of White Rock Trail and Crestedge Drive - Revenue: General Fund \$7,800.00, plus the \$20.00 ordinance publication fee (This item was deferred on September 27, 2023)
- M [23-2698](#) **Public Works:** A resolution authorizing the (1) execution of a termination of lease agreement between the City of Dallas and Dallas Firefighter's Museum, Inc. for approximately 6,882 square feet of land and 8,816 square feet of building space, located at 3801 Parry Avenue, to be effective upon the execution of the Agreement between the City and Dallas Firefighter's Museum, Inc; (2) transfer of the improved property to Dallas Firefighter's Museum, Inc. subject to restrictive covenants, a right to revert, and execution of all necessary documents, pursuant to Section 253.011 of the Texas Local Government Code; and (3) execution of an agreement pursuant to the Texas Local Government Code to ensure that the property is used in a manner that primarily promotes a public purpose of the City - Financing: No cost consideration to the City (This item was deferred on September 27, 2023)
- N [23-2699](#) **Dallas Water Utilities:** Authorize (1) a settlement of a condemnation proceeding styled CITY OF DALLAS VS. MAINLAND LAND & EQUIPMENT CO., A NEBRASKA CORPORATION, et al., Cause No. CC-21-00536-E, pending in Dallas County Court at Law No. 5, for acquisition from Mainland Land & Equipment Co., of an improved tract of land containing a total of approximately 11.755 acres located Sargent Road near its intersection with Morrell Avenue for the Dallas Floodway Extension Project; and (2) an increase in appropriations in an amount not to exceed \$1,190,000.00 in the Trinity River Corridor fund - Not to exceed \$1,190,000.00, increased from \$320,000.00 to \$1,510,000.00 (\$1,500,000.00, plus closing costs not to exceed \$10,000.00) - Financing: Trinity River Corridor Project Fund
- O [23-2700](#) **Dallas Water Utilities:** Authorize a three-year Interlocal Agreement between the University of North Texas at Dallas and Dallas Water Utilities through the Caruth Police Institute at the University of North Texas at Dallas to provide civilian leadership training for all staff in the field of government for the period October 25, 2023 through October 25, 2026 - Not to exceed \$529,000.00 - Financing: Dallas Water Utilities Fund (subject to annual appropriations)

- P     [23-2701](#)     **Dallas Water Utilities:** Authorize the (1) acceptance of a grant from the US Department of Agriculture (USDA), Forest Service Region, R8 (Grant No. 23-DG-11083150-602, Federal Assistance Listing No. 10.730), in the amount of \$750,000.00 to perform urban tree inventory and condition assessment (2) receipt and deposit of funds in an amount not to exceed \$750,000.00 in the USDA Forest Service Region R8 Fund; (3) establishment of appropriations in an amount not to exceed \$750,000.00 in the USDA Forest Service Region R8 Fund and; (4) execution of the grant agreement with the USDA, Forest Service Region, R8 and all terms, conditions, and documents required by the agreement - Not to exceed \$750,000.00 - Financing: USDA, Forest Service Region, R8 Grant Funds
- Q     [23-2702](#)     **Dallas Water Utilities:** Authorize Supplemental Agreement No. 1 to the professional services contract with Terracon Consultants, Inc. to provide additional work at various sites to complete elevator systems maintenance, roof and heating, ventilation, and air conditioning replacements - Not to exceed \$378,600.00, from \$1,557,880.00 to \$1,936,480.00 - Financing: Water Capital Improvement F Fund (\$164,986.08), Water Capital Improvement G Fund (\$164,986.07), and Storm Drainage Management Capital Construction Fund (\$48,627.85)

## ADJOURNMENT

**EXECUTIVE SESSION NOTICE**

A closed executive session may be held if the discussion of any of the above agenda items concerns one of the following:

1. seeking the advice of its attorney about pending or contemplated litigation, settlement offers, or any matter in which the duty of the attorney to the City Council under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act. [Tex. Govt. Code §551.071]
2. deliberating the purchase, exchange, lease, or value of real property if deliberation in an open meeting would have a detrimental effect on the position of the city in negotiations with a third person. [Tex. Govt. Code §551.072]
3. deliberating a negotiated contract for a prospective gift or donation to the city if deliberation in an open meeting would have a detrimental effect on the position of the city in negotiations with a third person. [Tex. Govt. Code §551.073]
4. deliberating the appointment, employment, evaluation, reassignment, duties, discipline, or dismissal of a public officer or employee; or to hear a complaint or charge against an officer or employee unless the officer or employee who is the subject of the deliberation or hearing requests a public hearing. [Tex. Govt. Code §551.074]
5. deliberating the deployment, or specific occasions for implementation, of security personnel or devices. [Tex. Govt. Code §551.076]
6. discussing or deliberating commercial or financial information that the city has received from a business prospect that the city seeks to have locate, stay or expand in or near the city and with which the city is conducting economic development negotiations; or deliberating the offer of a financial or other incentive to a business prospect. [Tex Govt. Code §551.087]
7. deliberating security assessments or deployments relating to information resources technology, network security information, or the deployment or specific occasions for implementations of security personnel, critical infrastructure, or security devices. [Tex Govt. Code §551.089]

MINUTES OF THE CITY COUNCIL COMMITTEE  
MONDAY, OCTOBER 16, 2023

EXHIBIT B

OFFICIAL ACTION OF THE CITY COUNCIL COMMITTEE

OCTOBER 16, 2023

Item A: Approval of September 18, 2023 Transportation and Infrastructure Committee Meeting Minutes

Councilmember Schultz moved to adopt the minutes as presented.

Motion seconded by Councilmember Stewart and unanimously adopted. (Resendez absent when vote taken; Atkins absent)

OFFICIAL ACTION OF THE CITY COUNCIL COMMITTEE

OCTOBER 16, 2023

BRIEFING ITEMS

Item B: Dallas County Inland Port Flood Planning Study

The following individuals briefed the committee on the item:

- Lissa Shepard, Senior Bridge Engineer & Floodplain Manager, Dallas County; and
- Sarah Standifer, Director (I), Dallas Water Utilities.

OFFICIAL ACTION OF THE CITY COUNCIL COMMITTEE

OCTOBER 16, 2023

BRIEFING ITEMS

Item C: Dallas Love Field Airport Rideshare Pick-Up Relocation

The following individuals briefed the committee on the item:

- Patrick Carreno, Director, Department of Aviation; and
- Sheneice M. Hughes, Assistant Director, Department of Aviation

OFFICIAL ACTION OF THE CITY COUNCIL COMMITTEE

OCTOBER 16, 2023

BRIEFINGS BY MEMORANDUMS

Item D: Good Jobs for Good Airports Act Update

Item E: An Overview of the Deployment of Autonomous Vehicles within the City of Dallas  
by Cruise LLC

Item F: Infrastructure Fee Considerations

Item G: Monthly Update of Public Works Program Performance - September 2023

The committee discussed the items.



OFFICIAL ACTION OF THE CITY COUNCIL COMMITTEE

OCTOBER 16, 2023

FORECAST

Item H:       Committee Forecast

The committee discussed the item.

OFFICIAL ACTION OF THE CITY COUNCIL COMMITTEE

OCTOBER 16, 2023

UPCOMING AGENDA ITEMS

- Item I:       **Public Works:** Authorize moving expense payments for thirty-nine occupants as a result of an official written offer of just compensation to purchase real property known as 4150 Independence Drive, for the Affordable and Supportive Housing with Opportunities for Referral Based Supportive Services and Facilities Project - Not to exceed \$36,800.00 - Financing: General Fund
- Item J:       **Public Works:** Authorize an increase in the emergency construction services contract with Camino Construction, L.P. to add funding for the extra work to stabilize the slope next to the pavement at the 1300 block of North Cockrell Hill Road from Davis Street to Pinnacle Point Drive - Not to exceed \$576,128.50, from \$1,225,088.00 to \$1,801,216.50 - Financing: Street and Alley Improvement Fund (subject to annual appropriations)
- Item K:       **Public Works:** Authorize an increase in the purchase amount of acquisition from Angel Espinosa and Linda Rodriguez, of approximately 4,140 square feet of land improved with a single-family dwelling located near the intersection of Dolphin Road and Detonte Street for the Dolphin Road from Spring Avenue to North Haskell Avenue Project - Not to exceed \$23,000.00, increased from \$115,500.00 (\$111,000.00, plus closing costs and title expenses not to exceed \$4,500.00) to \$138,500.00 (\$130,000.00, plus closing costs and title expenses not to exceed \$8,500.00) - Financing: Street and Transportation (A) Fund (2017 General Obligation Bond Fund) (\$4,600.00) and Capital Projects Reimbursement Fund (\$18,400.00)
- Item L:       **Public Works:** An ordinance abandoning a portion of a sanitary sewer easement with temporary working space easement to SW White Rock Trail Owner, LLC, the abutting owner, containing approximately 4,457 square feet of land, located near the intersection of White Rock Trail and Crestedge Drive - Revenue: General Fund \$7,800.00, plus the \$20.00 ordinance publication fee (This item was deferred on September 27, 2023)
- Item M:       **Public Works:** A resolution authorizing the (1) execution of a termination of lease agreement between the City of Dallas and Dallas Firefighter's Museum, Inc. for approximately 6,882 square feet of land and 8,816 square feet of building space, located at 3801 Parry Avenue, to be effective upon the execution of the Agreement between the City and Dallas Firefighter's Museum, Inc; (2) transfer of the improved property to Dallas Firefighter's Museum, Inc. subject to restrictive covenants, a right to revert, and execution of all necessary documents, pursuant to Section 253.011 of the Texas Local Government Code; and (3) execution of an agreement pursuant to the Texas Local Government Code to ensure that the property is used in a manner that primarily promotes a public purpose of the City - Financing: No cost consideration to the City (This item was deferred on September 27, 2023)

OFFICIAL ACTION OF THE CITY COUNCIL COMMITTEE

OCTOBER 16, 2023

UPCOMING AGENDA ITEMS (cont.)

- Item N: **Dallas Water Utilities:** Authorize (1) a settlement of a condemnation proceeding styled CITY OF DALLAS VS. MAINLAND LAND & EQUIPMENT CO., A NEBRASKA CORPORATION, et al., Cause No. CC-21-00536-E, pending in Dallas County Court at Law No. 5, for acquisition from Mainland Land & Equipment Co., of an improved tract of land containing a total of approximately 11.755 acres located Sargent Road near its intersection with Morrell Avenue for the Dallas Floodway Extension Project; and (2) an increase in appropriations in an amount not to exceed \$1,190,000.00 in the Trinity River Corridor fund - Not to exceed \$1,190,000.00, increased from \$320,000.00 to \$1,510,000.00 (\$1,500,000.00, plus closing costs not to exceed \$10,000.00) - Financing: Trinity River Corridor Project Fund
- Item O: **Dallas Water Utilities:** Authorize a three-year Interlocal Agreement between the University of North Texas at Dallas and Dallas Water Utilities through the Caruth Police Institute at the University of North Texas at Dallas to provide civilian leadership training for all staff in the field of government for the period October 25, 2023 through October 25, 2026 - Not to exceed \$529,000.00 - Financing: Dallas Water Utilities Fund (subject to annual appropriations)
- Item P: **Dallas Water Utilities:** Authorize the (1) acceptance of a grant from the US Department of Agriculture (USDA), Forest Service Region, R8 (Grant No. 23-DG-11083150-602, Federal Assistance Listing No. 10.730), in the amount of \$750,000.00 to perform urban tree inventory and condition assessment (2) receipt and deposit of funds in an amount not to exceed \$750,000.00 in the USDA Forest Service Region R8 Fund; (3) establishment of appropriations in an amount not to exceed \$750,000.00 in the USDA Forest Service Region R8 Fund and; (4) execution of the grant agreement with the USDA, Forest Service Region, R8 and all terms, conditions, and documents required by the agreement - Not to exceed \$750,000.00 - Financing: USDA, Forest Service Region, R8 Grant Funds
- Item Q: **Dallas Water Utilities:** Authorize Supplemental Agreement No. 1 to the professional services contract with Terracon Consultants, Inc. to provide additional work at various sites to complete elevator systems maintenance, roof and heating, ventilation, and air conditioning replacements - Not to exceed \$378,600.00, from \$1,557,880.00 to \$1,936,480.00 - Financing: Water Capital Improvement F Fund (\$164,986.08), Water Capital Improvement G Fund (\$164,986.07), and Storm Drainage Management Capital Construction Fund (\$48,627.85)

The committee discussed the items.

MINUTES OF THE CITY COUNCIL COMMITTEE  
MONDAY, OCTOBER 16, 2023

EXHIBIT C

**DALLAS COUNTY INLAND PORT FLOOD  
PLANNING STUDY  
CITY OF DALLAS-TRANSPORTATION AND  
INFRASTRUCTURE COMMITTEE MEETING  
OCTOBER 16, 2023**

John Wiley Price  
Dallas County  
Commissioner, District 3



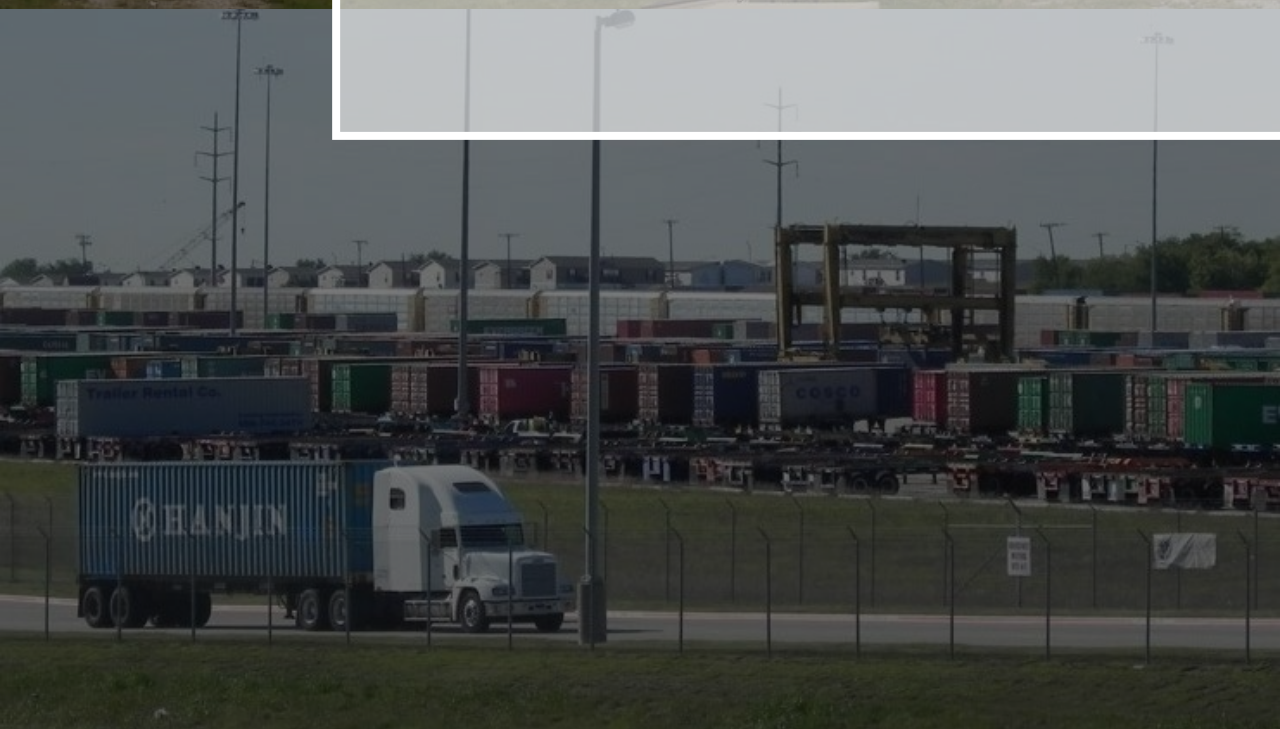


# AGENDA

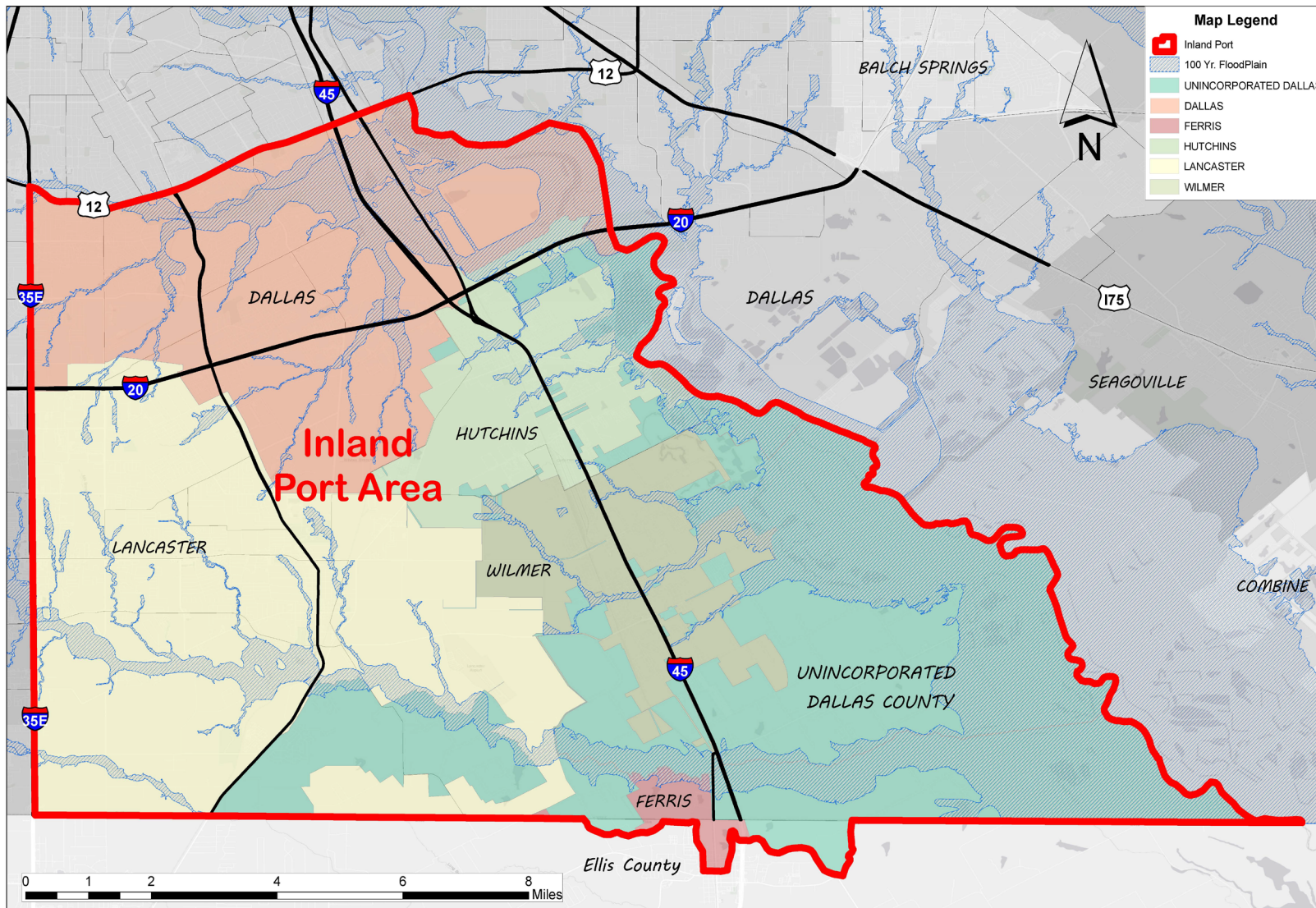
- Welcome
- Dallas County Inland Port-Background
- Project's Conception
- Stakeholders
- Purpose
- Scope
- Schedule
- Status
- How to get Involved
- Next Steps



# DALLAS COUNTY INLAND PORT







# ABOUT THE INLAND PORT

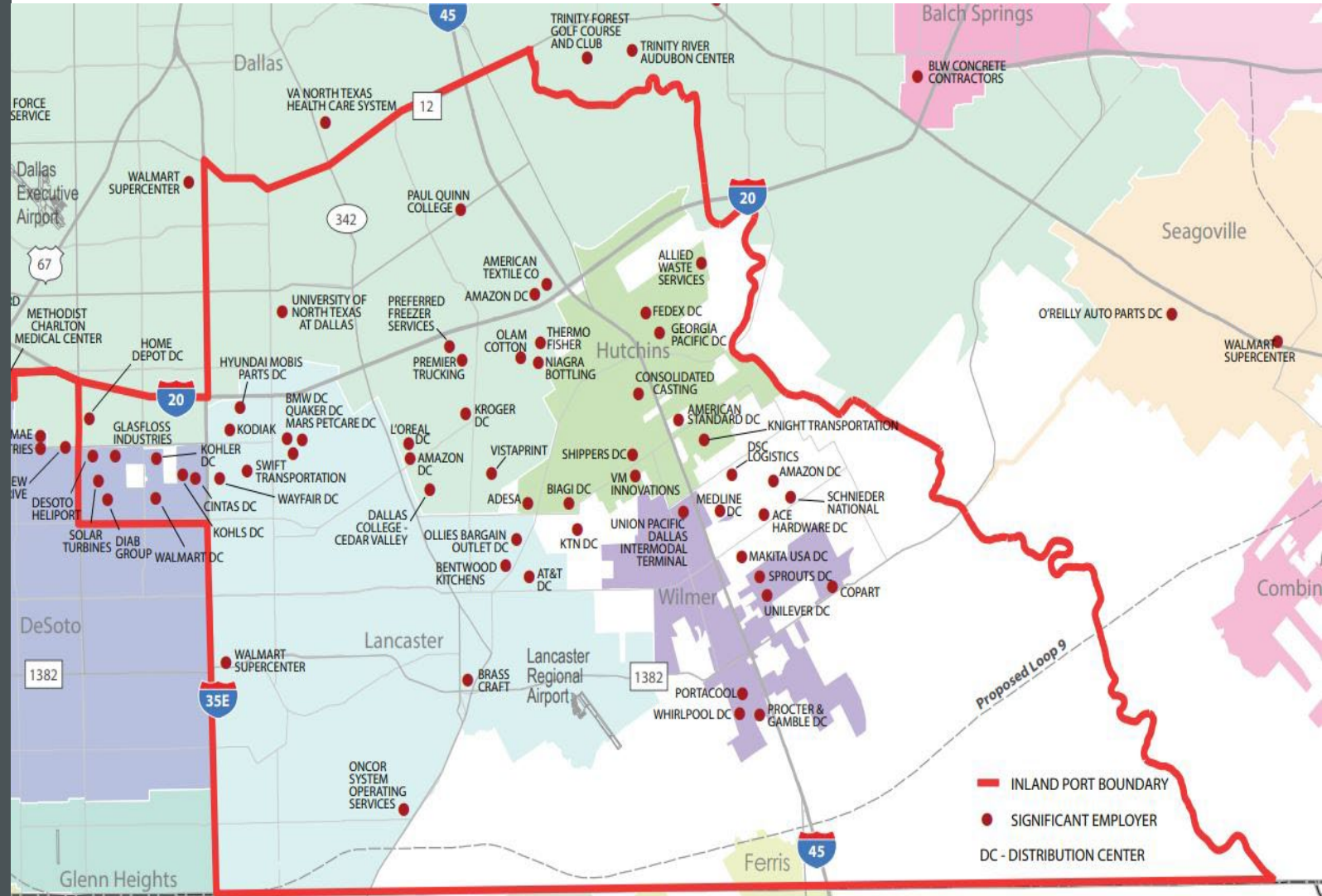
- 78,000 Acre area
- South of Loop 12/Ledbetter, east of I-35, west of the Trinity River, and north of Ellis County
- Includes Union Pacific's \$100 million intermodal facility.
- No formal boundaries.
- Located in several cities and in Dallas County's unincorporated area.
- Multiple property-owners and developers.
- Privately-owned and developed; no special governmental entity or port authority involved.
- Receive goods from the West Coast, the East Coast, and the Gulf of Mexico.

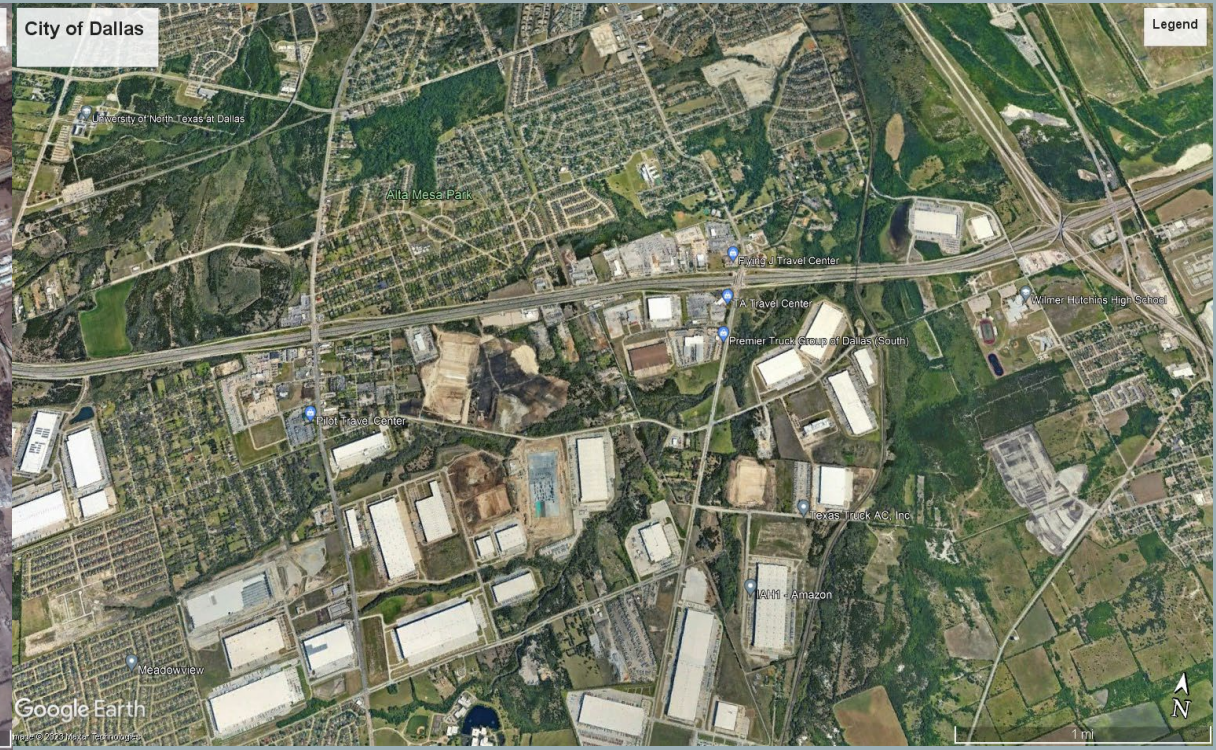
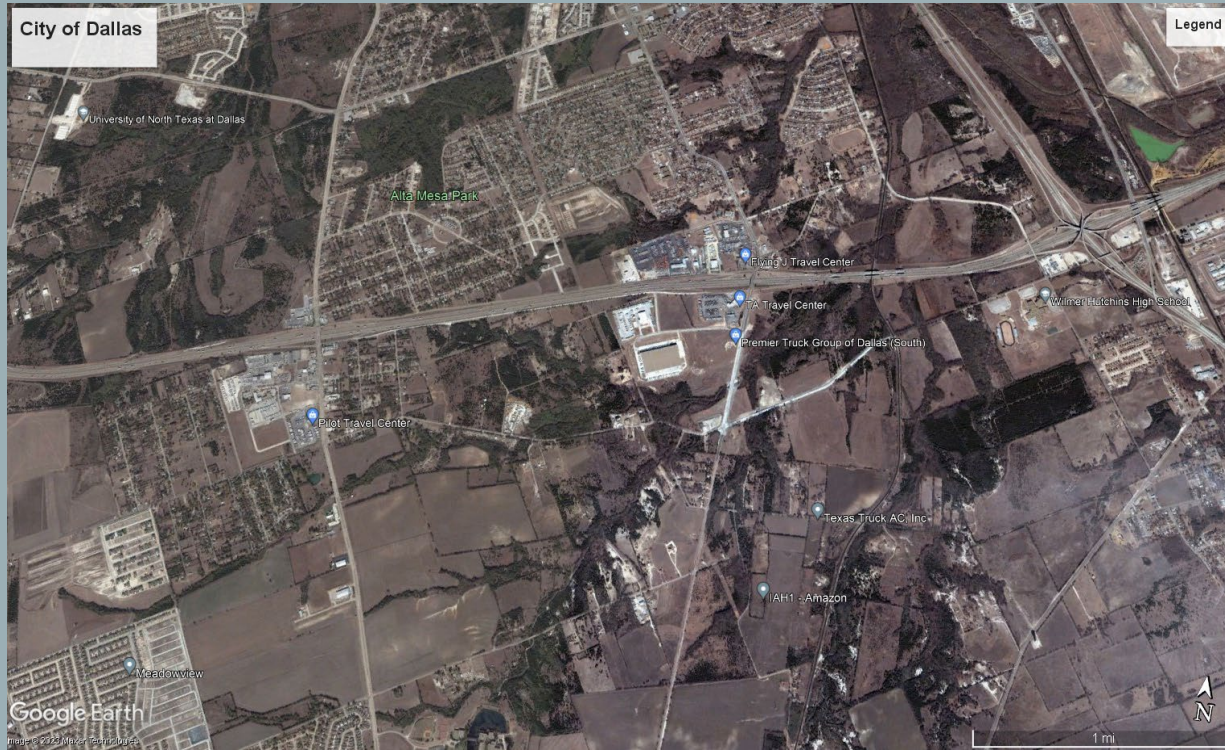
# LOCATION SUITABILITY

- 2,000,000 people live within 30 minutes.
- Large tracts of undeveloped land.
- State-of-the-art intermodal facility.
- Proximity to intersection of major east-west and north-south interstate highways.
- Access to major markets and points of entry.
- Centralized U.S. location.
- Proximity to major airports.
- Inland Port Transportation Management Agency



# BUSINESSES IN THE SOUTHERN DALLAS COUNTY INLAND PORT





# INLAND PORT GROWTH COMPARISON (2006 & 2023)



# HOW WAS THE PROJECT CONCEIVED

# TEXAS WATER DEVELOPMENT BOARD (TWDB) FLOOD INFRASTRUCTURE FUND (FIF)

- Passed by the Legislature and approved by Texas voters through a constitutional amendment in 2019, the FIF program provides financial assistance in the form of loans and grants for flood control, flood mitigation, and drainage projects



# FIF OVERVIEW

- In 2020, TWDB had received approximately \$800 Million to provide grants to communities for Flood Mitigation and Prevention
- The TWDB had developed 4 categories of funding:
  - CATEGORY 1 Flood Protection Planning for Watersheds
  - CATEGORY 2 Planning, Acquisition, Design, Construction, Rehabilitation (All combinations of these activities)
  - CATEGORY 3 Federal Award Matching Funds
  - CATEGORY 4 Measures immediately effective in protecting life and property

# DALLAS COUNTY INLAND PORT FLOOD PLANNING STUDY FUNDING

Dallas County received funding for the Dallas County Inland Port Flood Planning Study using Category I Funding from the TWDB

- Dallas County submitted the Full Application for the grant in Fall of 2020.
- Dallas County Commissioners Court authorized the matching funds and required documents September 21, 2021.
- Dallas County authorized the Consultant Agreement in March of 2022.



An aerial photograph showing a large area of flooding. The water is a murky brown color. In the foreground and middle ground, several green trees are partially submerged. In the background, a city skyline is visible under a grey, overcast sky. The skyline includes several tall skyscrapers, a prominent tower with a circular observation deck, and a bridge with a white arch. A white rectangular box with a black border is centered over the image, containing the title text.

**DALLAS COUNTY INLAND PORT FLOOD  
PLANNING STUDY**

# STAKEHOLDERS



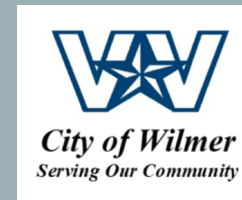
City of Combine



City of Dallas



DESOTO  
TEXAS



# STAKEHOLDERS



FEMA



Natural Resource Conservation Service



US Army Corps of Engineers®





**WHY IS THIS PROJECT  
IMPORTANT**





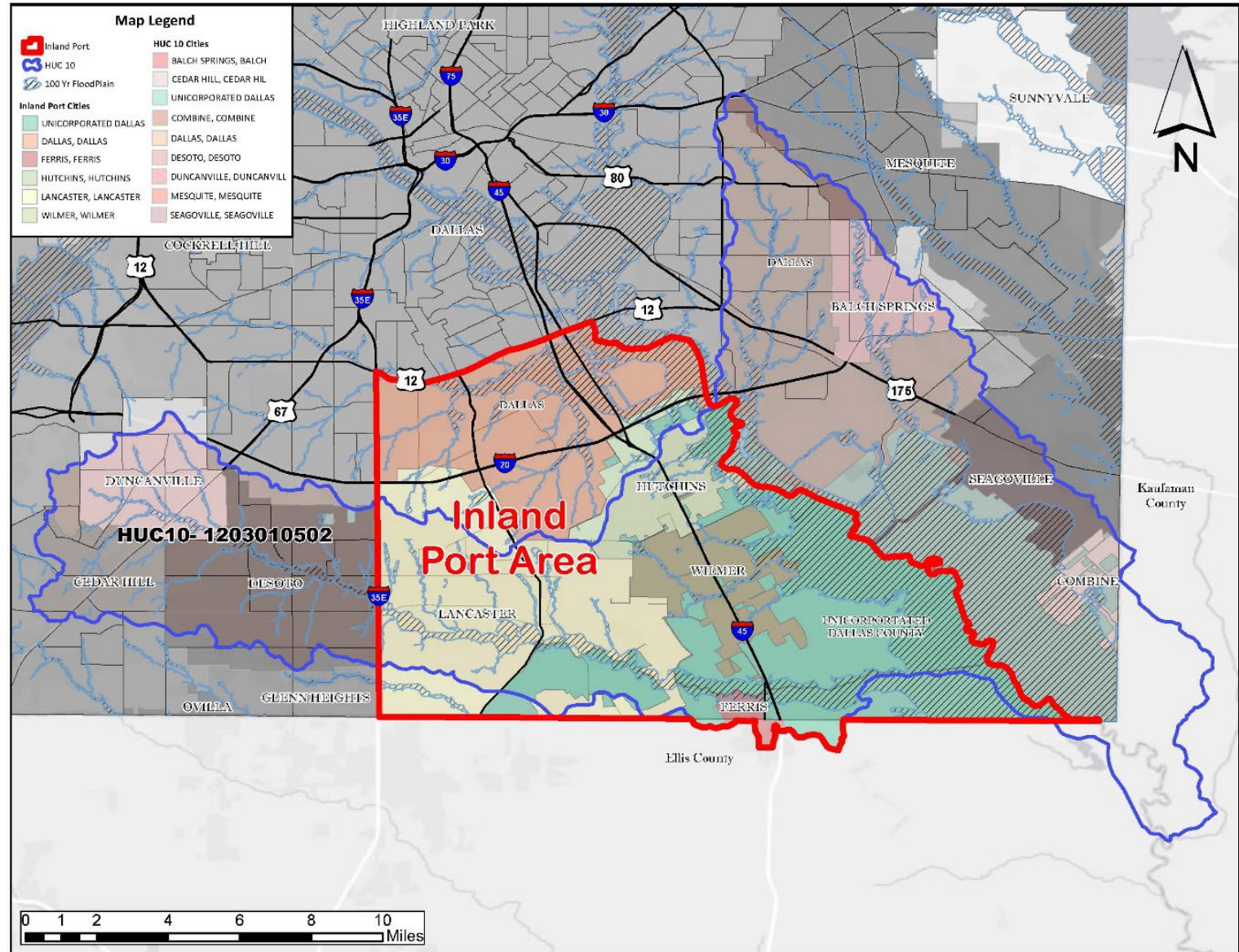
# PURPOSE OF STUDY

- Minimize Loss of Life
- Minimize Loss of Property
- Determine Approach to Minimize Flooding
- Submit Projects to the State for Funding
- August 22, 2022 Flooding - 2nd most rain in 24 hours in Dallas County since records kept



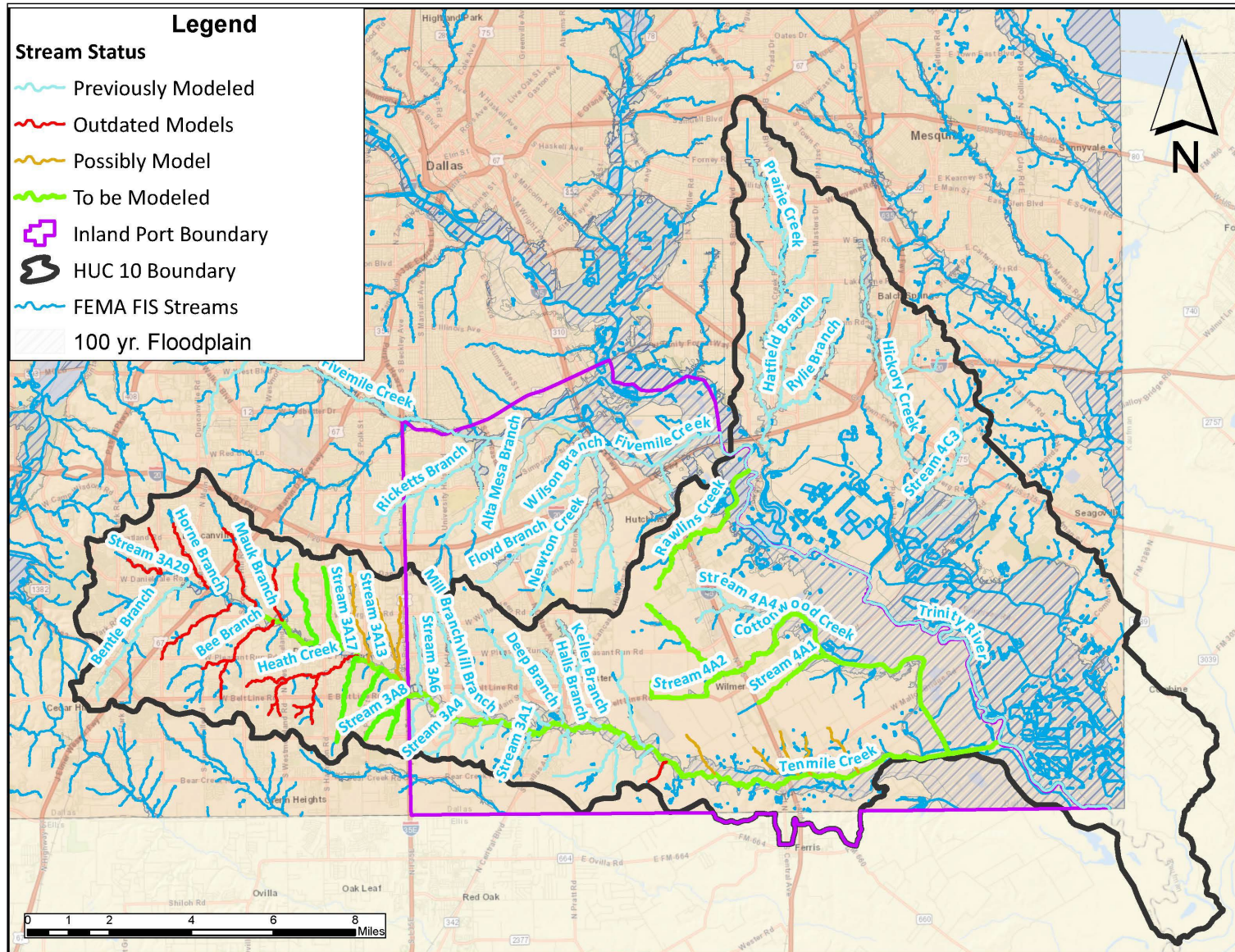
# PROJECT LOCATION

- Hydraulic Unit Code (HUC-10) 1203010502
- Dallas County Inland Port
- Approx. 230 sq. miles
- Major Tributaries
  - Trinity River
  - Ten Mile Creek



# CONSULTANT TEAM





# PROJECT SCOPE

- H&H study of the overall HUC-10 area including:
- Ten Mile Creek
- Cottonwood Creek
- Rawlins Creek
- Hydraulic (stormwater) study of the Inland Port area to include assessment of existing drainage infrastructure - trunk lines with pipes 24" and larger





# PROJECT SCOPE

- Floodplain Mapping and review of drainage design criteria
- Determine level of protection offered by current system
- Recommend future improvements and identify projects
- Flood Mitigation Evaluations
- Flood Mitigation Strategies
- Flood Mitigation Projects

# ESTIMATED PROJECT SCHEDULE



## Major Milestones:

1. Data Acquisition – On-Going
2. Public Meeting 1/Fall 2022
3. Survey – Winter 2022 -Winter 2023
4. Modeling – Fall -Winter2023
5. Public Meeting 2/Findings – Fall 2023
6. Preliminary Study Report- Fall 2024
7. Public Meeting 3/Final Study – Winter 2024
8. Final Study Report – January 2025



# CURRENT STATUS

## Surveying

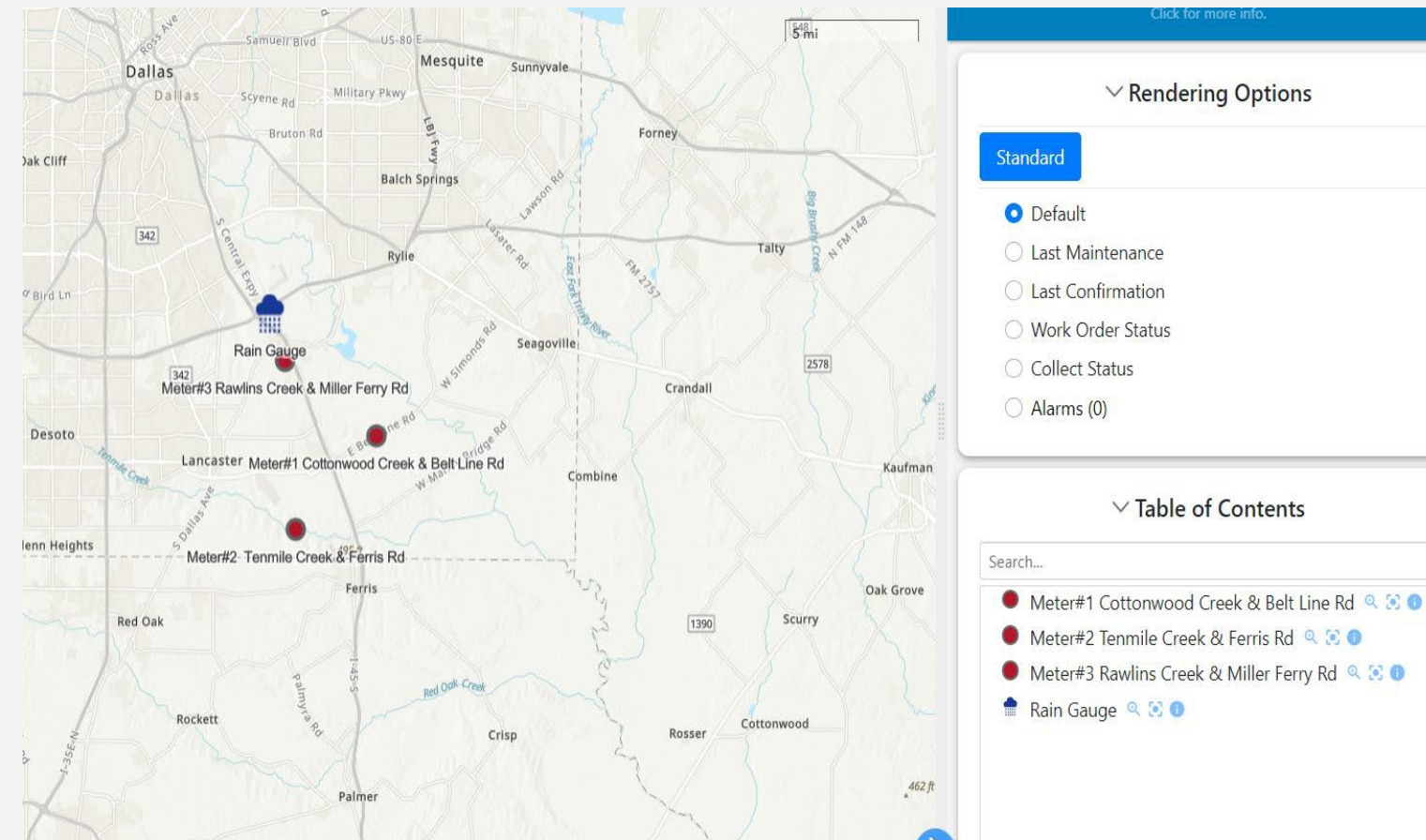
- Hutchins Creek
- Inland Port Storm Sewer

## Modeling

- Finalize Dallas Data Input
- Finalize Wilmer/Hutchins Data
- Finalize Lancaster Data
- Survey Inland Port Area
- Creek Modeling
- Inland Port Modeling

# MODEL VALIDATION

- Continuous - 3 Months
- Ten Mile Creek
  - Ferris Rd
  - Cottonwood Creek
  - Beltline Road
  - Rawlins Creek
  - Miller's Ferry Road



### Flow Meter Project Status: Dallas County Open Channel Flow Monitoring

Dallas County Open Channel Flow Monitoring

Start: 9/7/2023  
Anticipated End: 12/6/2023

31%

Complete / Remaining: 28 days / 67 days

Rainfall has not been analyzed for this project.

### Alarms: Dallas County Open Channel Flow Monitoring

Alarms in the Last 24 Hours

✓ There are no alarms in the last 24 hours.

### Monitor Health: Dallas County Open Channel Flow Monitoring

Meter#1 Cottonwood Creek & Belt Line Rd	Meter	12.00V			Last Data: Oct 5 12:55am
Meter#2 Tenmile Creek & Ferris Rd	Meter	11.63V			Last Data: Oct 5 9:55am
Meter#3 Rawlins Creek & Miller Ferry Rd	Meter	11.52V			Last Data: Oct 5 9:15am
Rain Gauge	Telemetry	97%			

### Recent Service

Date	Crew Chief	Project	Task	Quantity
2023-09-26	F. Mireles	Dallas County Open Channel Flow Monitoring	Flow Monitoring	4 hits
2023-09-07	J. Torres	Dallas County Open Channel Flow Monitoring	Flow Monitoring	4 hits
2023-09-06	J. Torres	Dallas County Open Channel Flow Monitoring	Flow Monitoring	4 hits

### Rain Events: Dallas County Open Channel Flow Monitoring

There are no rain events in the last 60 days.

Duration: 12-Hour | By Date | By Size

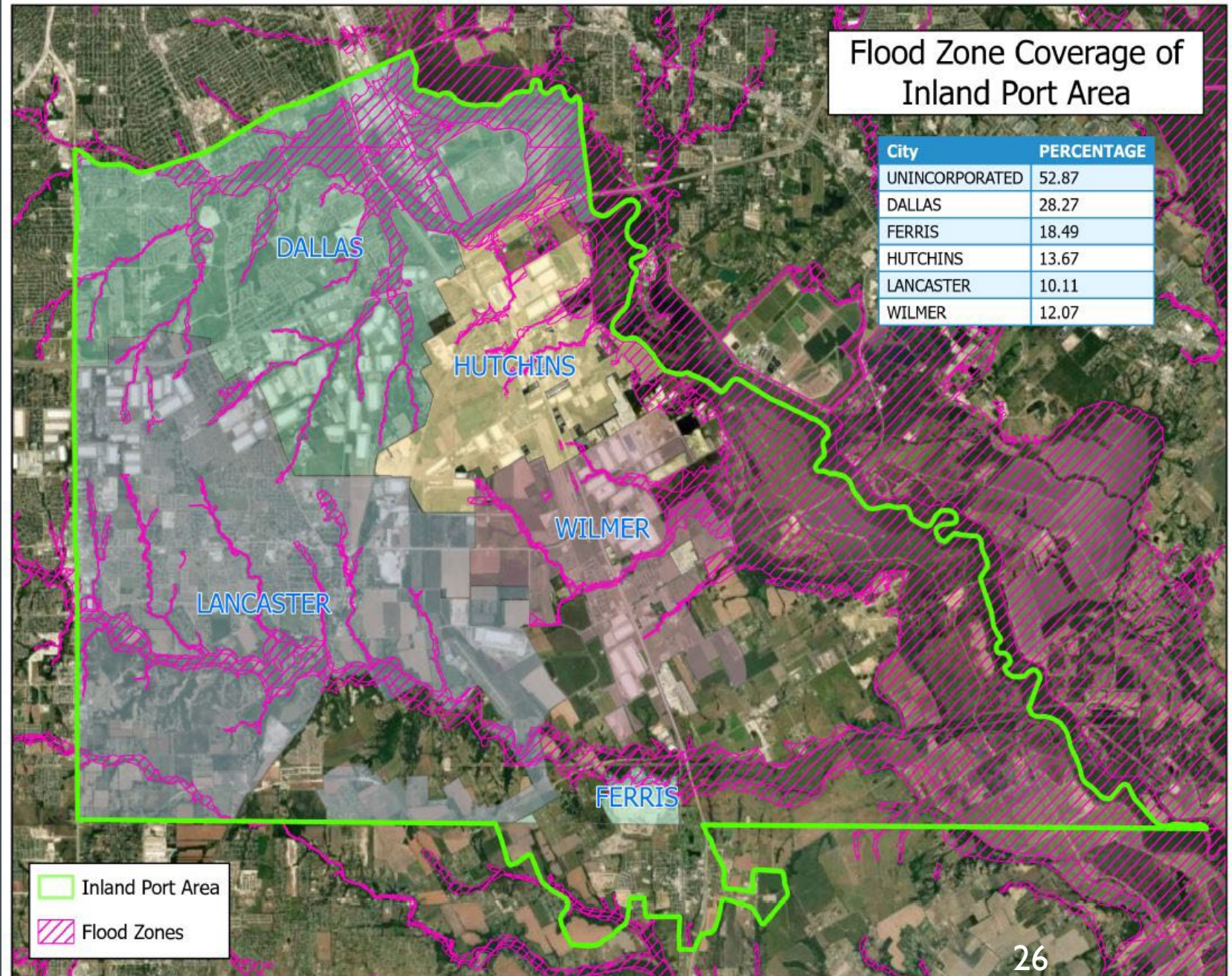
Date	Rain (in.)	Recurrence
There are no rain events in the last 60 days.		

# MODEL VALIDATION

- ## Monitoring
- Depth
  - Flow
  - Velocity
  - Rain

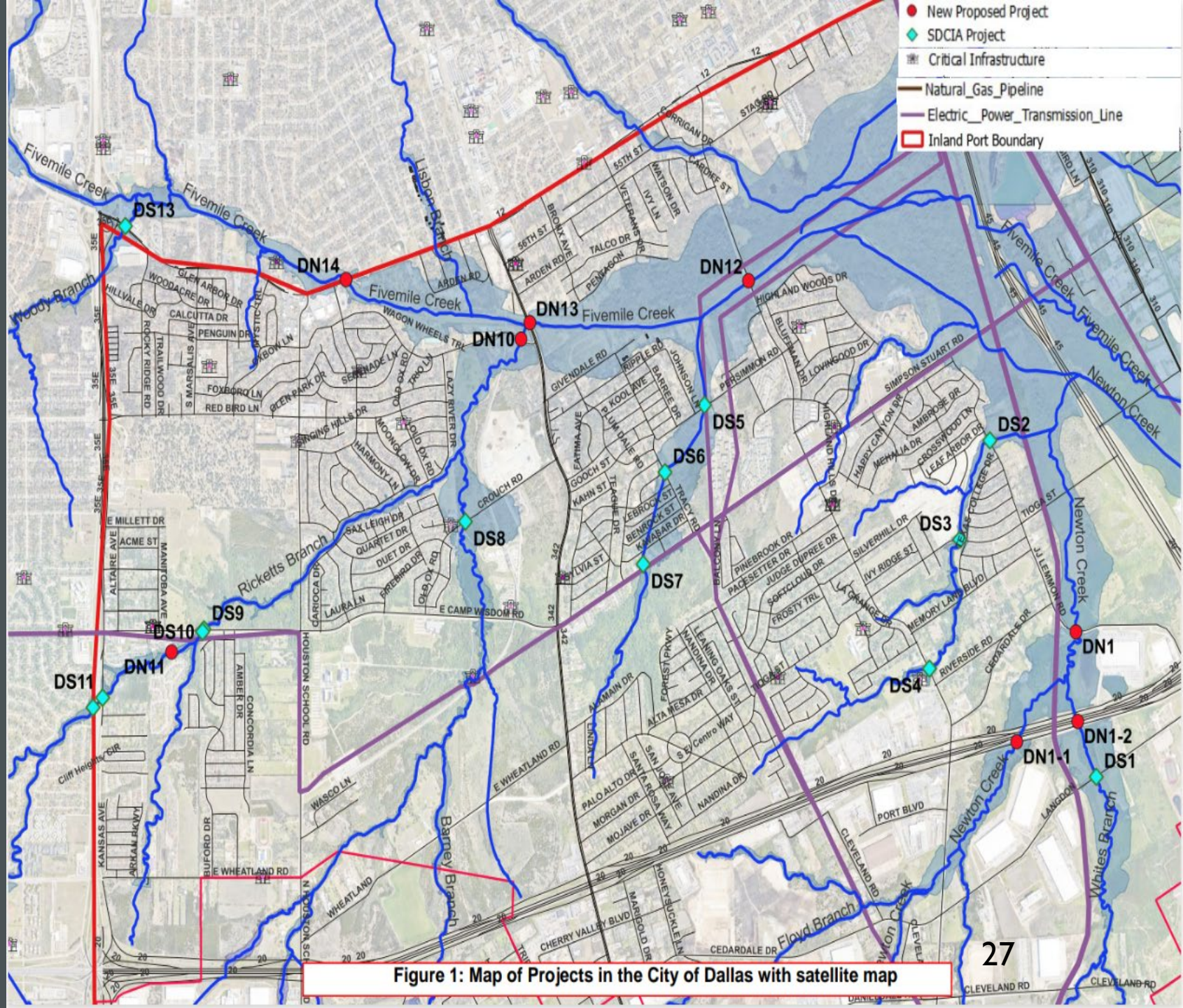
# DALLAS FLOODING

- Five Mile Creek
- Newton Creek
- Alta Mesa Branch
- Wilson Branch
- Ricketts Branch



# DALLAS ANALYSIS

- Five Mile Creek
- Newton Creek
- Wilson Branch
- Alta Mesa
- Ricketts Branch





## CITY OF DALLAS

- Continue to work with the City's team
- Coordinate with ongoing modeling efforts in the City
- Develop drainage evaluations for Priority Projects that meet the state criteria
- Develop Cost/Benefit Ratios
- Submit list of qualified projects to State





## WHAT'S NEXT

- Finalize Data Gathering
- Complete Surveying
- Continue Modeling
- Evaluate Current System Capacity
- Identify flood-prone areas
- Develop Mitigation Strategies



## HOW TO GET INVOLVED

- Visit website
  - [dallasinlandportfps.org](http://dallasinlandportfps.org)
- Attend public meetings
- Submit Comments

THANKS  
FOR  
YOUR TIME!





**City of Dallas**

# **Dallas Love Field Airport Rideshare Pick-Up Relocation**

**Transportation & Infrastructure  
Committee Briefing  
October 16, 2023**

Patrick Carreno, Director  
Department of Aviation

Sheneice M. Hughes, Assistant Director  
Department of Aviation



- Purpose
- Timeline
- Rideshare Revenue Per Enplanement
- Previous Rideshare Area Challenges
- Research Methodology
  - Case Study: Austin Bergstrom's Airport Rideshare
- New Rideshare Location / Signage in Terminal
- ADA Rideshare Location / Signage
- Next Steps

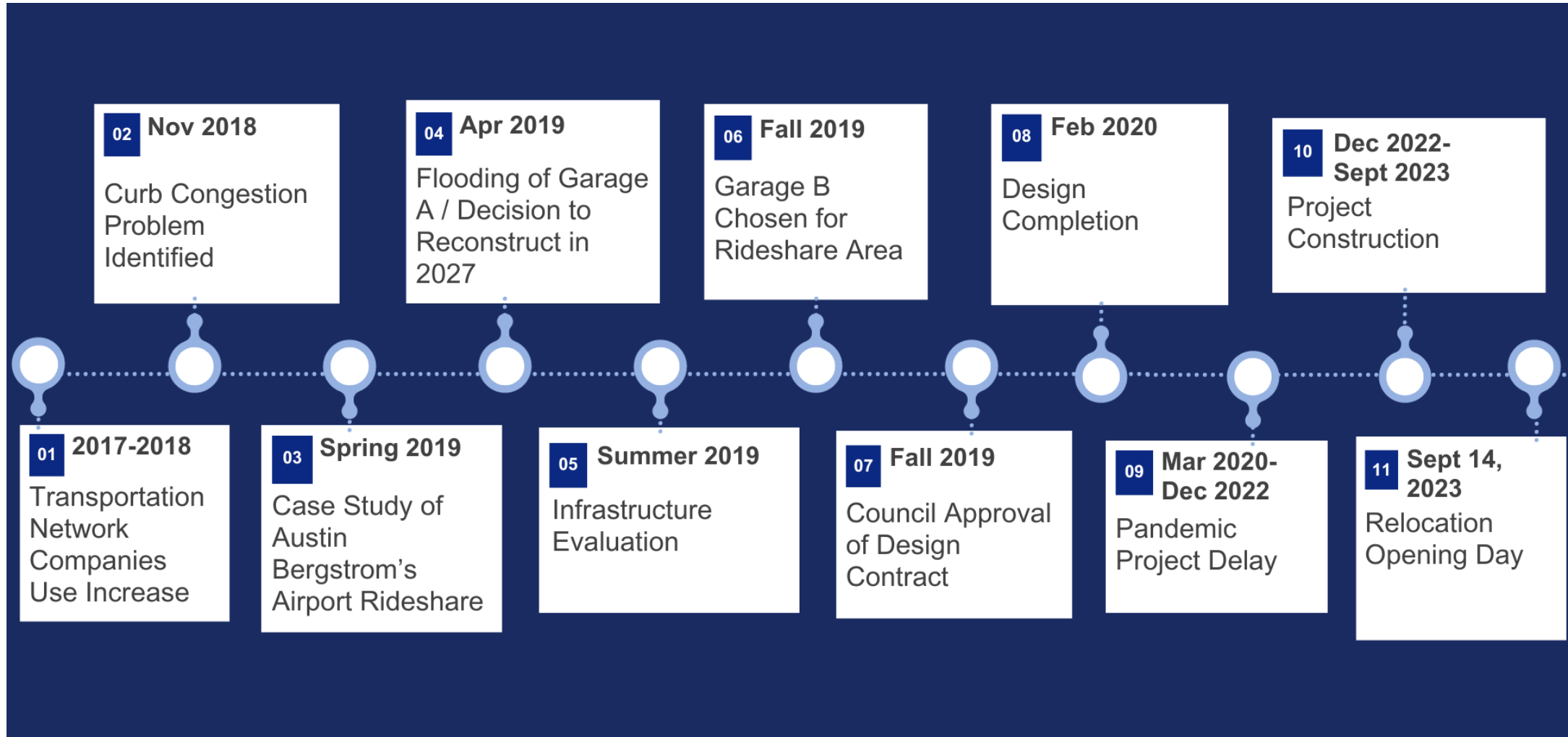




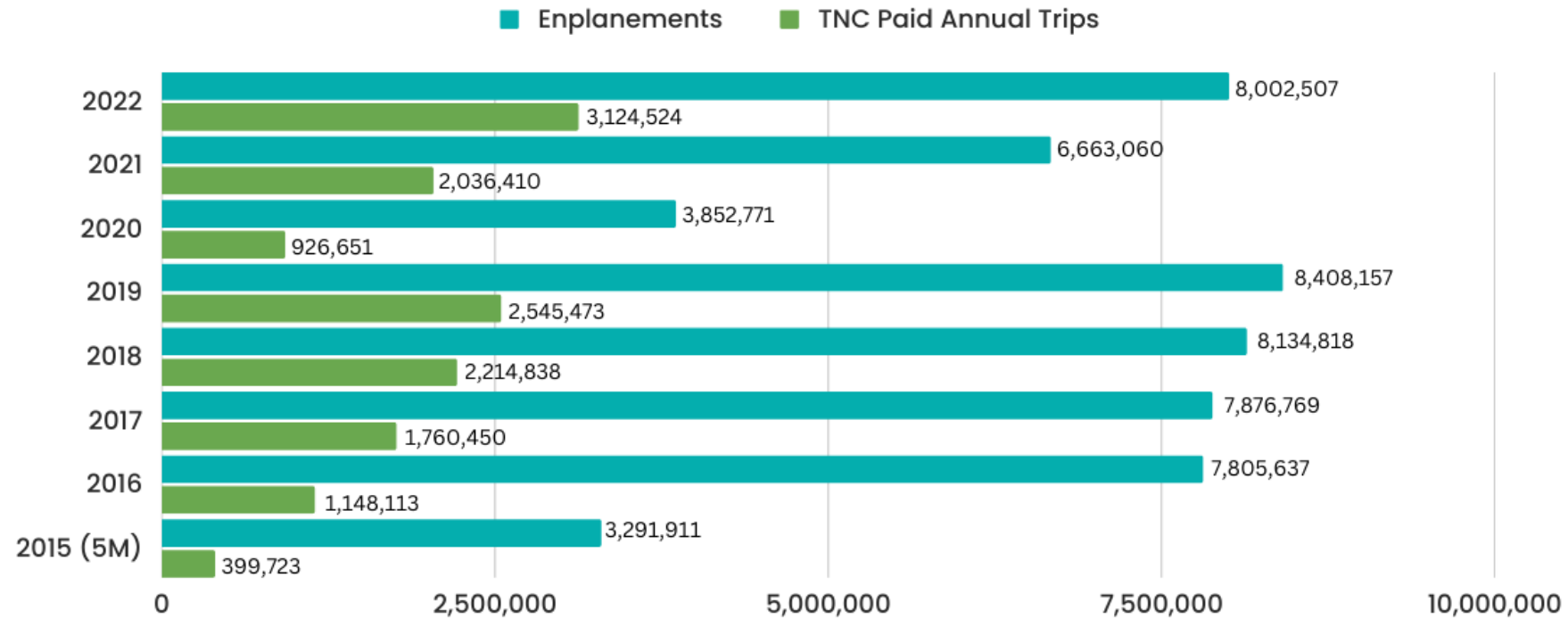
- Provide overview of the process of determining Rideshare Pick-Up Relocation (Transportation-for-Hire area)
- Provide overview of the ADA location for Rideshare Relocation



# Timeline



# Rideshare Revenue Per Enplanement



	2015 (5 Months Only)	2016	2017	2018	2019	2020	2021	2022
<b>Enplanements</b>	3,291,911	7,805,637	7,876,769	8,134,818	8,408,157	3,852,771	6,663,060	8,002,507
<b>TNC Paid Annual Trips</b>	399,723	1,148,113	1,760,450	2,214,838	2,545,473	926,651	2,036,410	3,124,524
<b>Rev. Per Enplanement</b>	\$8.24	\$6.80	\$4.47	\$3.67	\$3.30	\$4.16	\$3.27	\$2.56

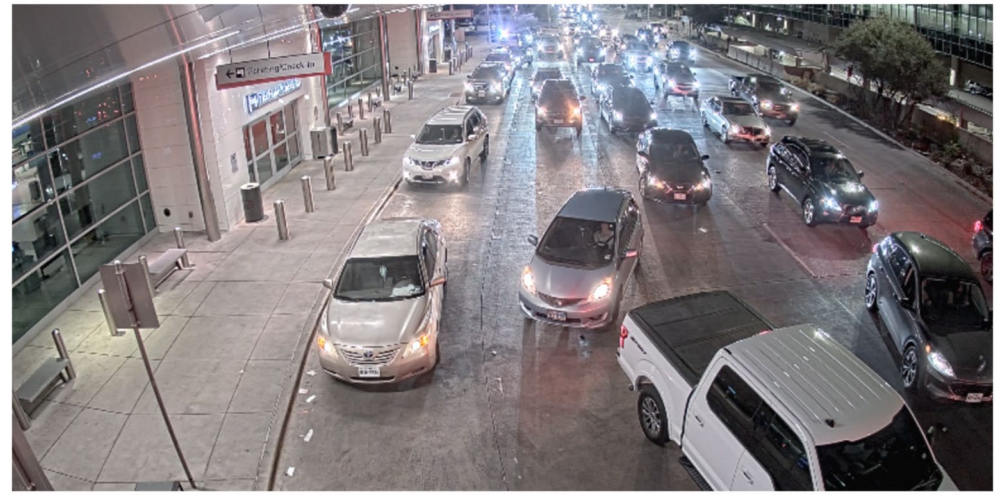




# Previous Rideshare Area



# Curb Congestion



Curb Congestion [Video](#)



# Research Methodology

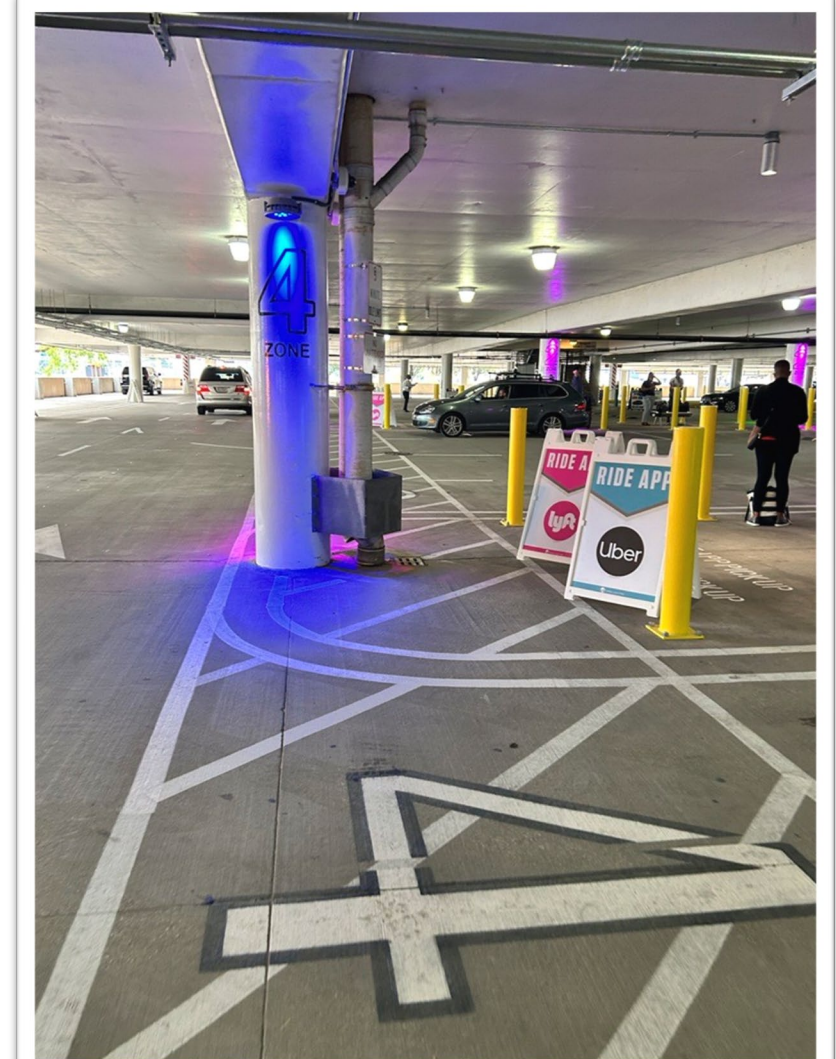
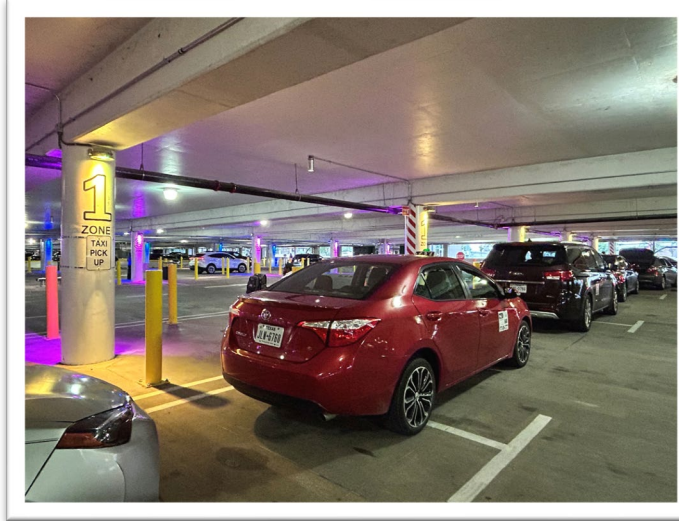
## Case Study: Austin Bergstrom's Airport



- AUS Rideshare Area in 2018

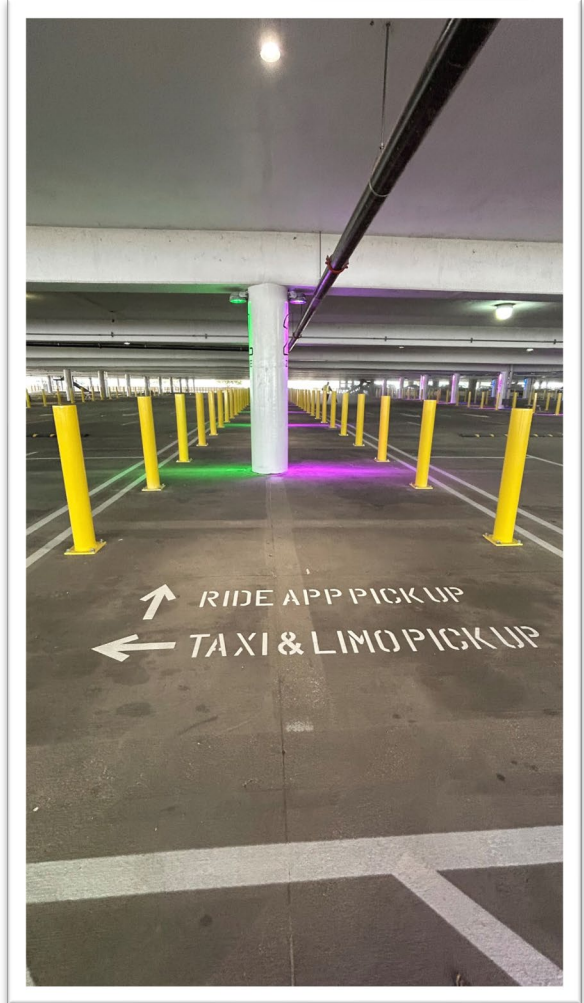


# DAL New Rideshare Location in Garage B





# New Rideshare Location

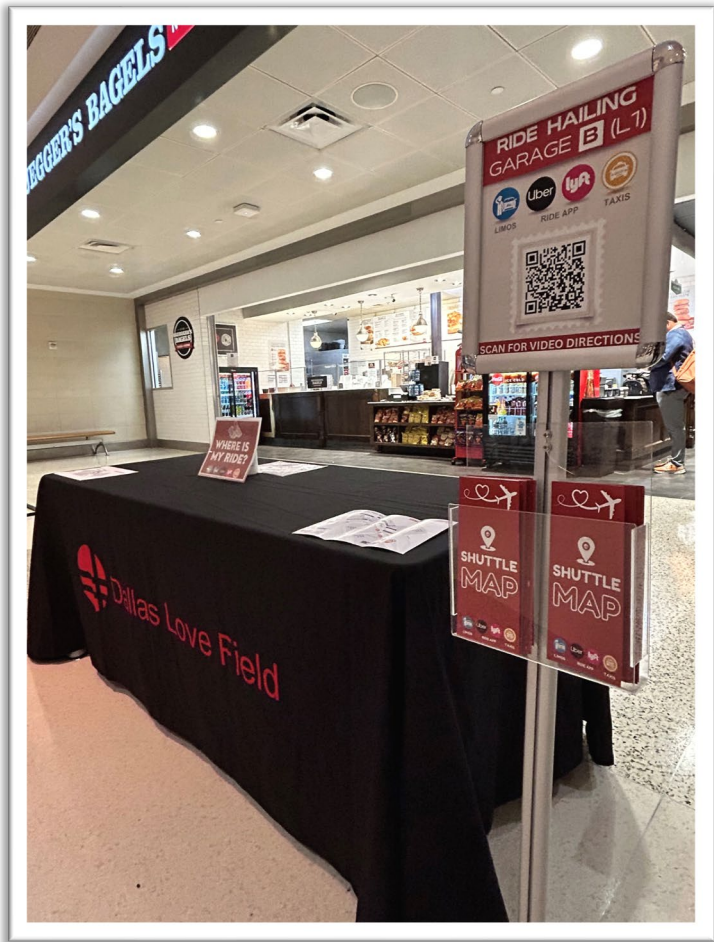
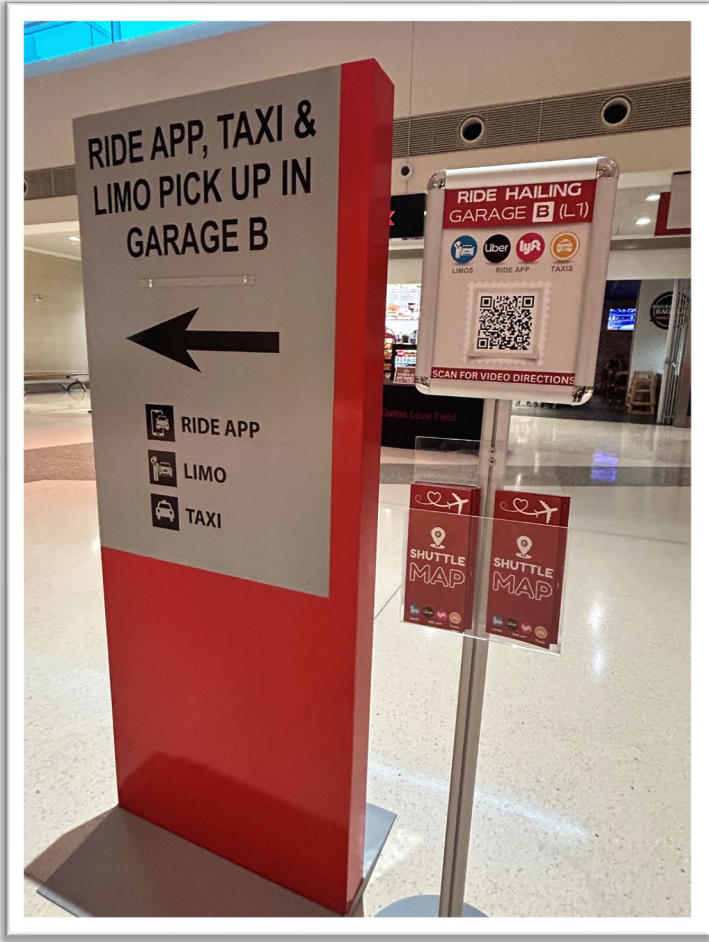
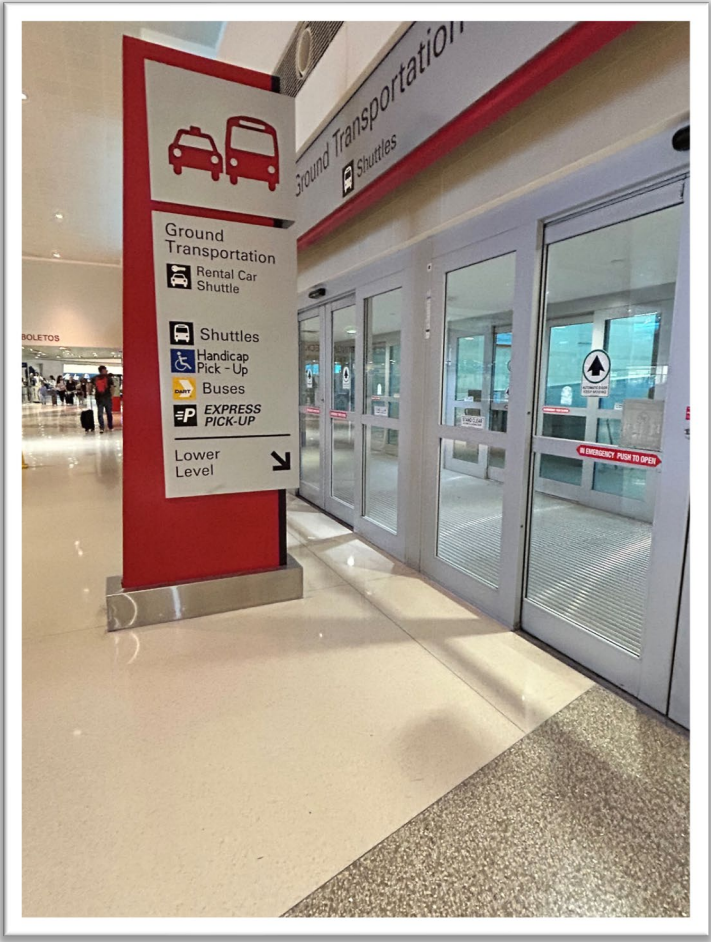


- All Transportation for Hire drivers trained and notified three months prior to grand opening

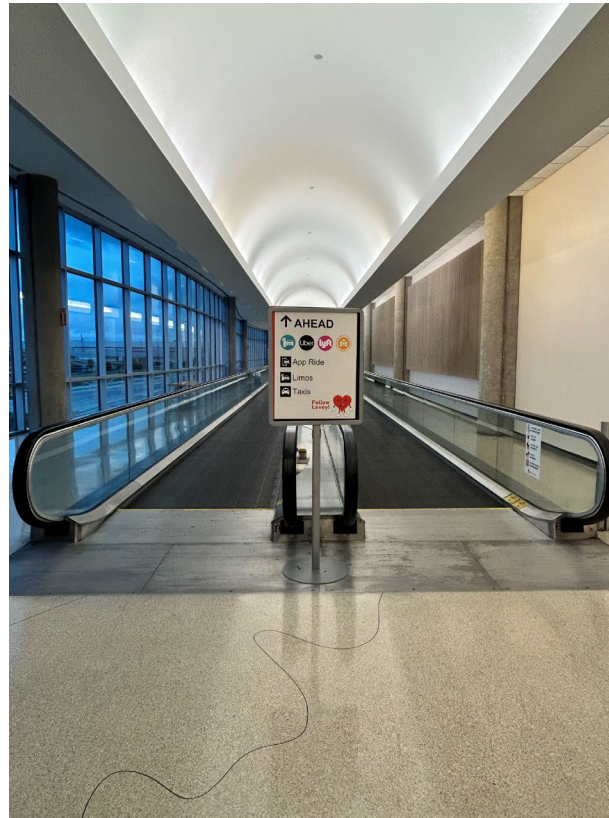
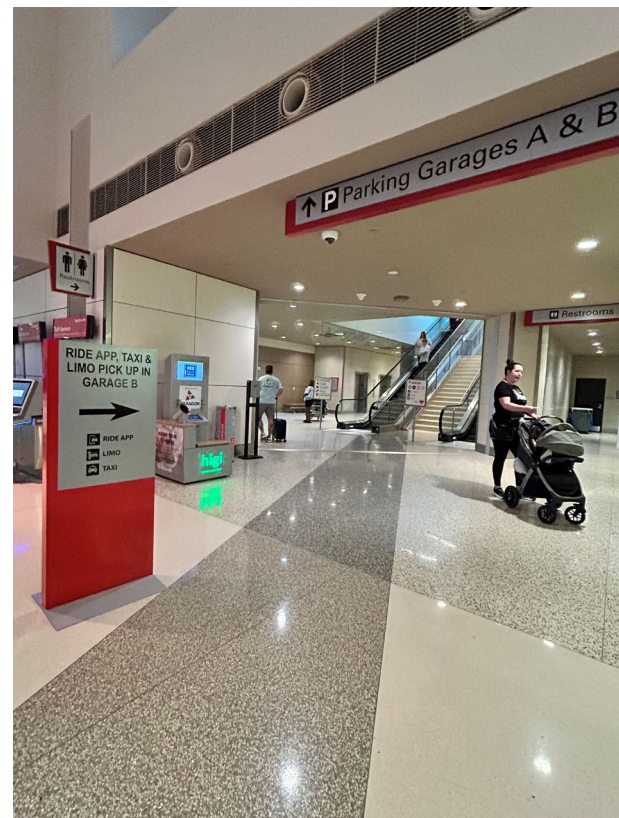
- Approximately 725 feet from previous location



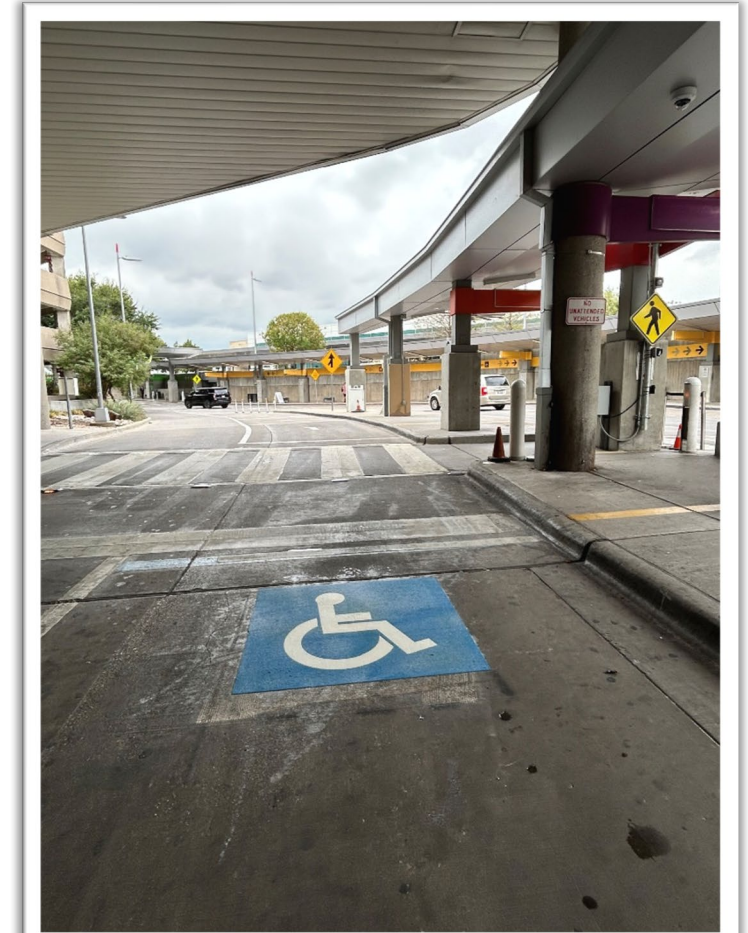
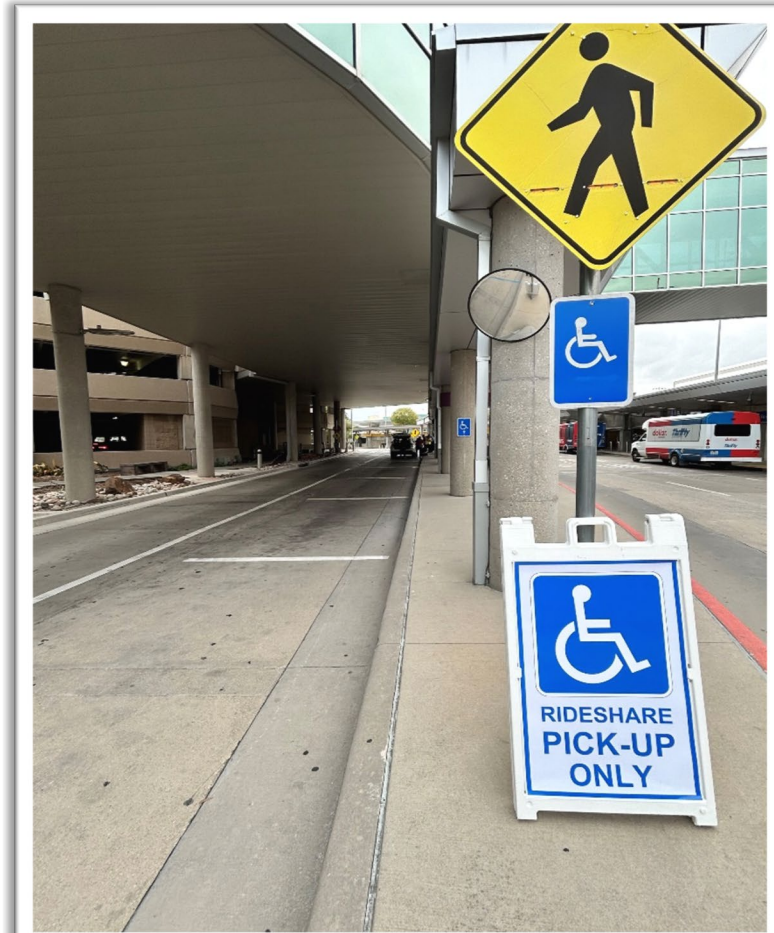
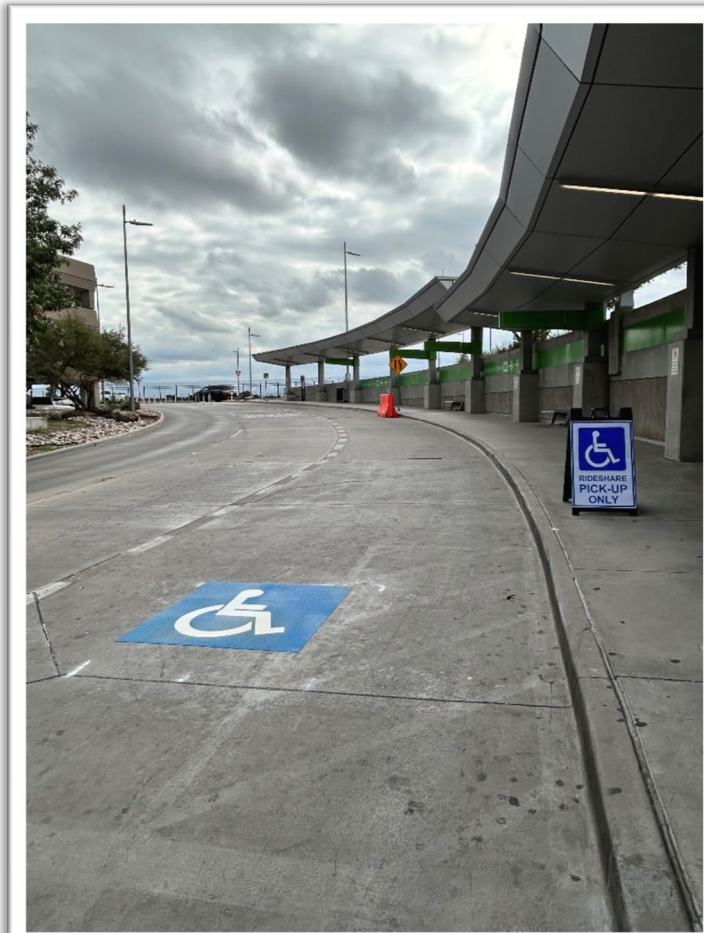
# New Terminal Signage & Customer Engagement Stations



# New Terminal Signage



# ADA Rideshare: Lower Level for accessible pick-up





# Passenger & Driver Routes



## Dallas Love Field Airport

### Ride-Hailing Ground Transportation

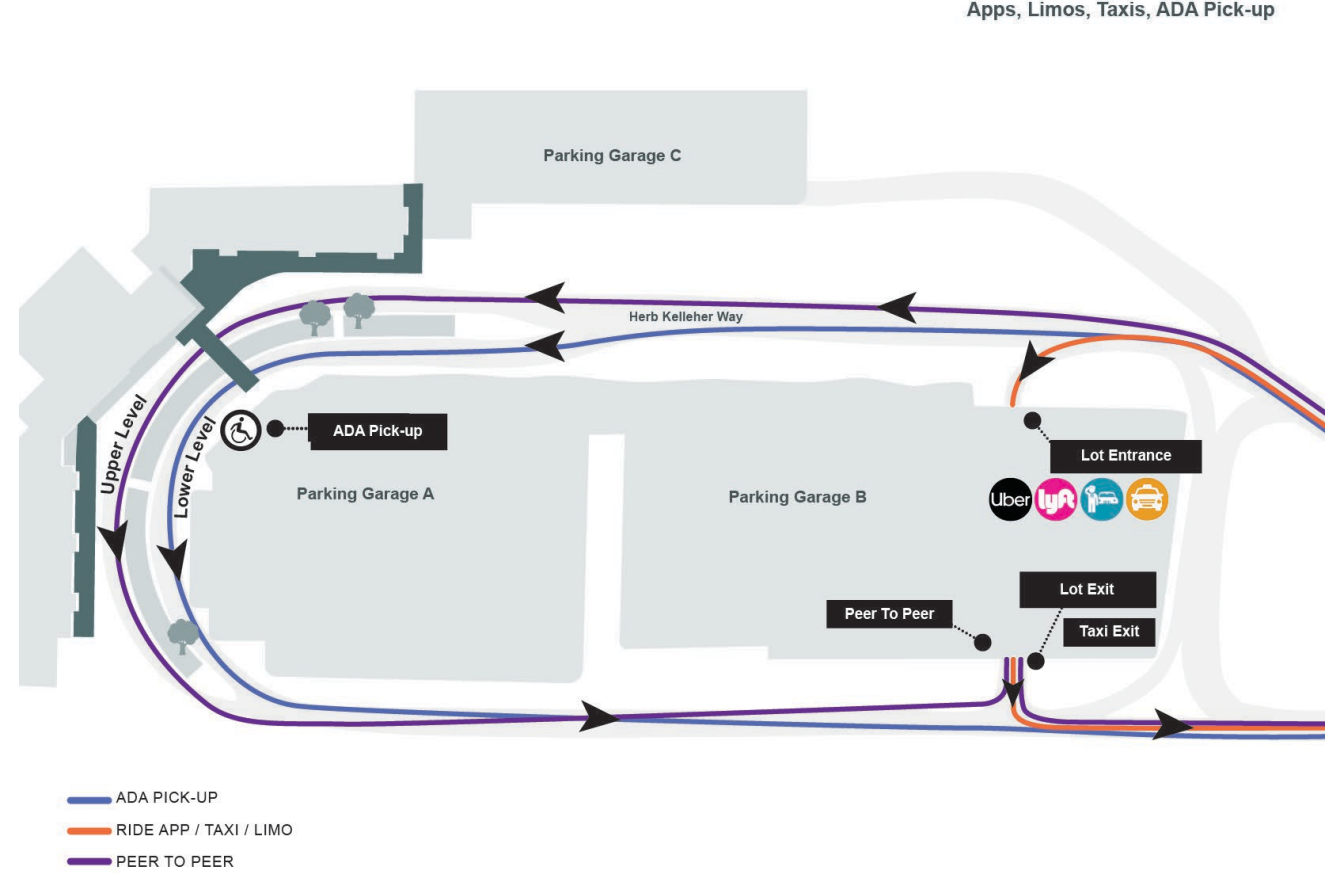
Apps, Limos, Taxis



## Dallas Love Field Airport

### TNC Pick-up Routes

Apps, Limos, Taxis, ADA Pick-up



# Next Steps



- Continue to monitor customer recommendations, complaints, and make changes in real time
- Add a third party (unbiased) contract to evaluate customer and driver satisfaction with new area
- Evaluate placement of vending machines and advertisement, and artwork along the walking path
- Recommendations from Mayor & City Council





**City of Dallas**

# **Dallas Love Field Airport Rideshare Pick-Up Relocation**

**Transportation & Infrastructure  
Committee Briefing  
October 16, 2023**

Patrick Carreno, Director  
Department of Aviation

Sheneice M. Hughes, Assistant Director  
Department of Aviation

# Memorandum



CITY OF DALLAS

DATE October 10, 2023

TO Honorable Members of the Transportation & Infrastructure Committee

SUBJECT **Good Jobs for Good Airports Act Update**

On March 20, the Service Employees International Union (SEIU) presented a briefing regarding current airport service workers compensation and federal legislation that would compel higher wages for airport tenants, contractors, and subcontractors using the airport facilities. On June 12<sup>th</sup>, the Office of Government Affairs provided [an update](#) on the Good Jobs for Good Airports legislation.

## **Bill Summary and Status**

The initial legislation was introduced on March 9<sup>th</sup> in both the House (H.R. 1499) and Senate (S. 753). An updated version has not yet been formally introduced but would require airlines and concessionaires to serve as certifying agents on the regulation of wages and benefits provided to their employees. In the previous version of the bill, airports were included as certifying agents, but have since been removed. Noncompliance with the new federal minimum wage and benefit standards would result in civil fines. Airports Council International-North American (ACI-NA) is neutral on this updated version of the bill.

Senator Markey and Representative Garcia are still expected to formally introduce new versions of the bill. As previously reported, if the updated legislation is to move, it may likely be as part of the broader FAA reauthorization bill. A short-term FAA reauthorization bill was passed on September 30<sup>th</sup>, extending the authorities of the FAA through December 31<sup>st</sup>, 2023. Passing a long-term reauthorization is a focus of many legislators, and protections for workers like those proposed as part of the Good Jobs for Good Airports may be a major sticking point.

The city maintains its recommendation of a neutral position on the bill, based on the information we have today.

The City remains committed to fair and living wages for Dallas workers and those employed with our partner organizations in which the City has a vested interest. Staff will continue to keep the City Council apprised. Should you have any questions, please contact me or Jake Anderson, Manager of Government Affairs, at [james.anderson1@dallas.gov](mailto:james.anderson1@dallas.gov).

DATE May 19, 2023  
SUBJECT **Good Jobs for Good Airports Act Update**  
PAGE **2 of 2**

Sincerely,



Carrie Rogers  
Director, Government Affairs

c: T.C. Broadnax, City Manager  
Tammy Palomino, City Attorney  
Mark Swann, City Auditor  
Biliera Johnson, City Secretary  
Preston Robinson, Administrative Judge  
Kimberly Bizer Tolbert, Deputy City Manager  
Jon Fortune, Deputy City Manager

Majed A. Al-Ghafry, Assistant City Manager  
M. Elizabeth (Liz) Cedillo-Pereira, Assistant City Manager  
Dr. Robert Perez, Assistant City Manager  
Carl Simpson, Assistant City Manager  
Jack Ireland, Chief Financial Officer  
Genesis D. Gavino, Chief of Staff to the City Manager  
Directors and Assistant Directors

# Memorandum



CITY OF DALLAS

DATE October 13, 2023

Honorable Members of the City Council Transportation and Infrastructure Committee:  
TO Omar Narvaez (Chair), Zarin Gracey (Vice Chair), Tennell Atkins, Cara Mendelsohn, Kathy Stewart, Jaynie Schultz, Jaime Resendez

SUBJECT **An Overview of the Deployment of Autonomous Vehicles within the City of Dallas by Cruise LLC**

Back in spring 2023, the city of Dallas (COD) was contacted by Cruise LLC (Cruise) informing us of their intent to launch their operation in limited areas of COD. As a result of the notification, we initiated an internal working group consisting of representatives of several city departments including DPD, DFR, DDOT, IT, CAO and City Marshall office. Concurrently, Cruise has been in contact with staff and with some council members to provide them with background information about Cruise, their planned launch in Dallas and a map showing their initial launch areas. As a result of this outreach effort, staff coordinated with Cruise about an initial high-level training for first responders which took place on Friday October 6, 2023 coupled with an initial briefing to the City's Public Safety (PS) committee on October 10, 2023. A few questions came up during the discussion that will be followed up with a memo to the PS committee at a later date.

In this regard, attached with this memo a copy of the presentation that was included in the PS briefing covering the summary of the safety training as well the other presentation that was initially intended to be presented which includes the proposed maps of the initial launch area.

If you have any questions or concerns, please contact Ghassan "Gus" Khankarli, PhD, PE, PMP, CLTD, Director of the Department of Transportation, at [Ghassan.khankarli@dallas.gov](mailto:Ghassan.khankarli@dallas.gov).



Dr. Robert Perez  
Assistant City Manager

c: T.C. Broadnax, City Manager  
Tammy Palomino, City Attorney  
Mark Swann, City Auditor  
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# Cruise // Dallas City Council Public Safety Committee October 2023

Presented by  
Yariel Diaz, Government Relations, Southeast U.S.  
Jason Hung, Dallas General Manager

## Presentation Agenda

- Introductions
- Who is Cruise?
  - History
  - Safety
  - Cruise Today
  - Novel Vehicle Design
  - Accessibility
- Cruise in Dallas
- Q&A

Building the world's  
most advanced  
autonomous vehicles.





# Cruise Mission & Vision

## Self-driving.

Our mission is to build the world's most advanced self-driving vehicles to **safely** connect people with the places, things, and experiences they care about.

## Accessible.

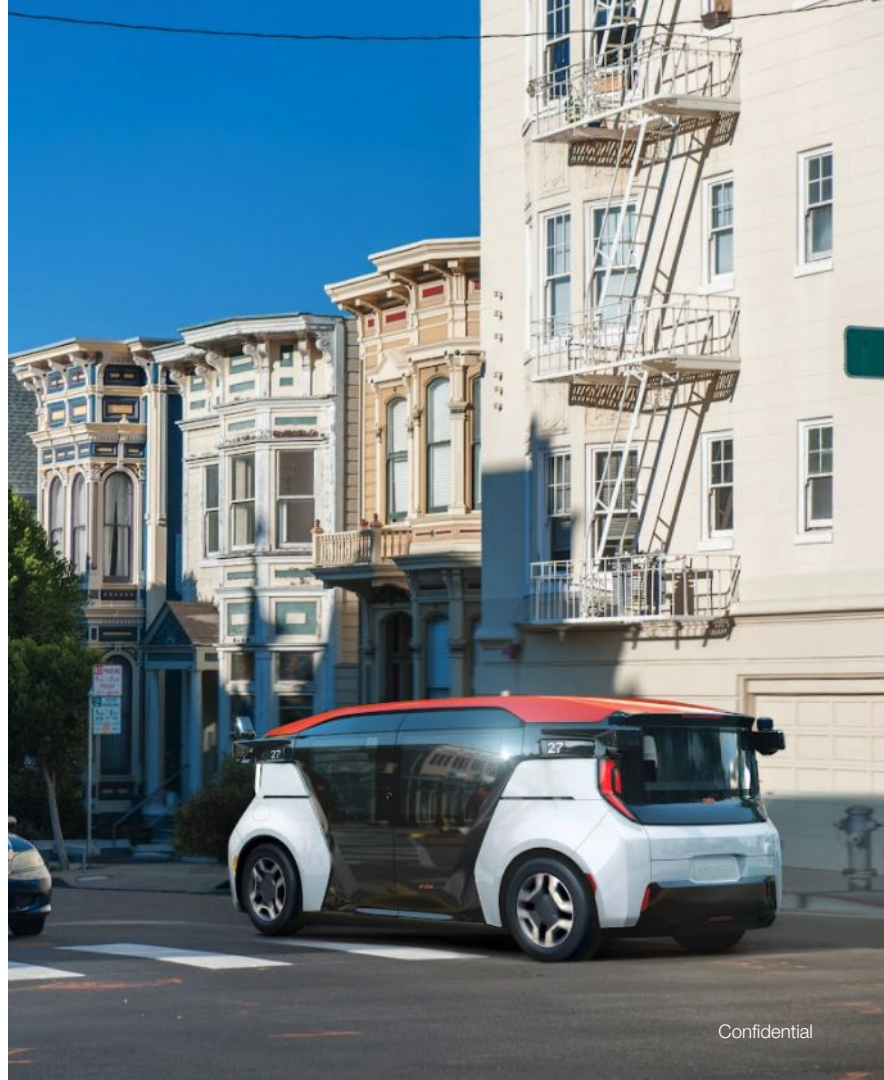
Cruise AVs will provide **accessible** transportation for those unable to drive themselves, including elderly populations and those lacking existing transportation options.

## Shared.

Cruise will own and operate our fleet, providing **shared** transportation services that reduces the need for personal car ownership.

## Zero-emission.

Cruise AVs are **all-electric**, providing access to green miles for people who might otherwise not have utilize an EV.



cruise

## Partnering With **People** to Drive Life in **Cities** Forward

We're guided by the question "Will this solution drive life in cities forward?"

Through working with our communities to build a product and experience that people love, we believe we can make a major positive impact by:

- Helping to **save millions of lives** by reducing car crashes
- **Reshaping cities** around people
- Giving people **time** to do things other than drive
- Making transportation and goods more **accessible**



Confidential

# Our Journey

General Motors purchases Cruise, bringing more than a century's experience designing and manufacturing vehicles to the effort.

2016

Cruise unveils the Origin and repurposes its AV fleet to deliver meals to vulnerable San Franciscans during the COVID-19 pandemic.

2020

Microsoft and Walmart join new investment round into Cruise.

Cruise & Walmart launch AV delivery pilot in AZ.

Cruise secures \$5.5B loan to fund commercialization and the manufacturing of thousands of Origins at Factory ZERO (MI).

2021

Cruise begins offering driverless rides to members of the public, unfared, in San Francisco.

Walmart AV delivery pilot expands to 8 stores in AZ.

Driverless ridehail launches in Arizona and Austin

2022

2013

Kyle Vogt & Dan Kan found Cruise in San Francisco.

2018

Cruise receives additional investments from GM and Softbank.

Honda invests in Cruise and commits to helping develop the Cruise Origin.

Cruise authorized by CA DMV to deploy driverless vehicles in San Francisco & charge a fare for goods delivery.

Cruise becomes the first company approved by CPUC for driverless passenger service (with no fare).

Cruise and GM file a petition seeking NHTSA approval to build and put the Origin into commercial service.

## Partnering with Honda and GM to bring AVs to Japan



Cruise and Honda Team Collaborating



Cruise AV operating in Japan

## Dubai

Cruise has signed an agreement with the Dubai Road and Transport Authority to be their exclusive provider of autonomous ridehail. Cruise is preparing for a launch in December of 2023. Cruise began mapping activities in Dubai in July of 2022.



# Cruise Approach to Safety

# Our Product: Seamless Integration

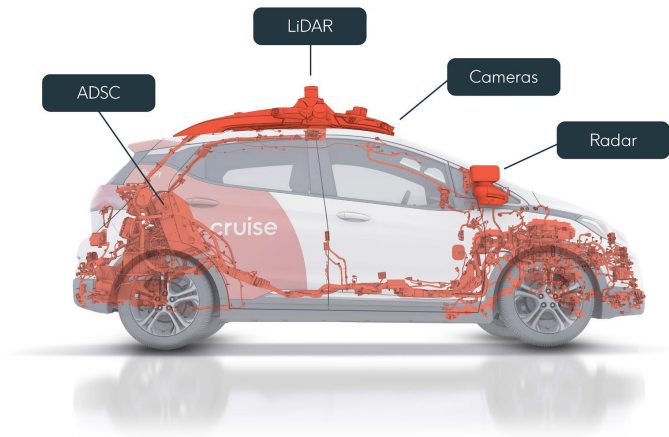


## Safely Navigating Streets

Self-driving vehicles never get tired, distracted, or drive under the influence, making our roads safer for everyone.

A Cruise vehicle uses multiple sensors to:

1. See everything around it with 360-degree vision
2. Know where it is down to the centimeter
3. Make decisions 10 times a second to help it safely navigate the city



### 1. How does Cruise see the world?

#### 40+ state-of-the-art sensors

Cruise uses multiple sensors including cameras, LiDAR, and radar to see the world and help determine free, drivable space around the vehicle.

### 2. How does Cruise know where it is?

#### Rich 3D maps

Cruise takes a live snapshot of what it sees in the world and matches it against a rich 3D map so it knows precisely where it is in the city, down to the centimeter.

### 3. How does Cruise make decisions?

#### Autonomous Driving System Computer (ADSC)

The ADSC is the brain of the vehicle. It takes in data from multiple sensors and converts it into decisions so Cruise can safely navigate the city. The vehicle detects, predicts, and responds to the movement of people and objects around it 10 times per second.



# Sensor Technology

Sensor diversity provides confidence that the self-driving system can detect, track, and classify objects around it in various driving conditions.

## Cameras

Cameras help classify and track the world around us to make confident real-time decisions.

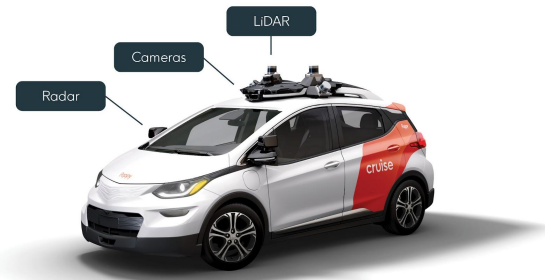
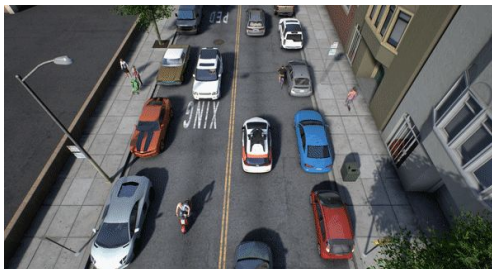
Cruise uses multiple cameras to create a 360° field of view with no blind spots. Cameras identify pedestrians, vehicle types, construction zones, and traffic light states.



## LiDAR sensors

LiDAR sensors use an array of lasers to measure the distance between what is around us, down to the centimeter, and create a 3D visualization of the world.

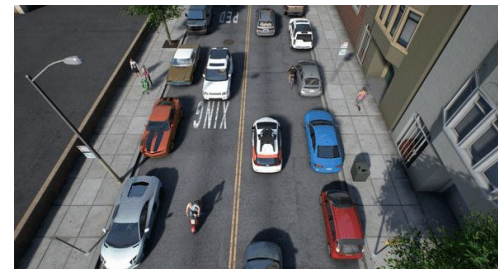
LiDAR helps Cruise determine where it is in the world and reliably know where all nearby pedestrians, vehicles, and other objects are located.



## Radar sensors

Radar sensors use radio waves to quickly measure the speed and trajectory what is moving around us..

Each Cruise vehicle is equipped with multiple radar sensors, which measure the direction of travel and speed of moving objects like cars on the road.



## Safely Navigating Communities

Cruise's approach to safety:

- **Testing**
  - Complex SF ecosystem 24 hours per day, 7 days per week (Real World, Closed Course, and Simulation)
- **Partnering with First Responders**
  - Provide law enforcement and first responders with the information they need to safely identify and interact with our Cruise Autonomous Vehicles (AVs).
- **Partnering with Road Safety Experts**
  - Joining the Vision Zero Network and Mothers Against Drunk Driving
  - Supported AB 43 in California, allowing cities to reduce speed limits in certain high-foot traffic and high-injury network corridors.
- **Data Replay and Regression Testing**
  - Constant data-driven improvement

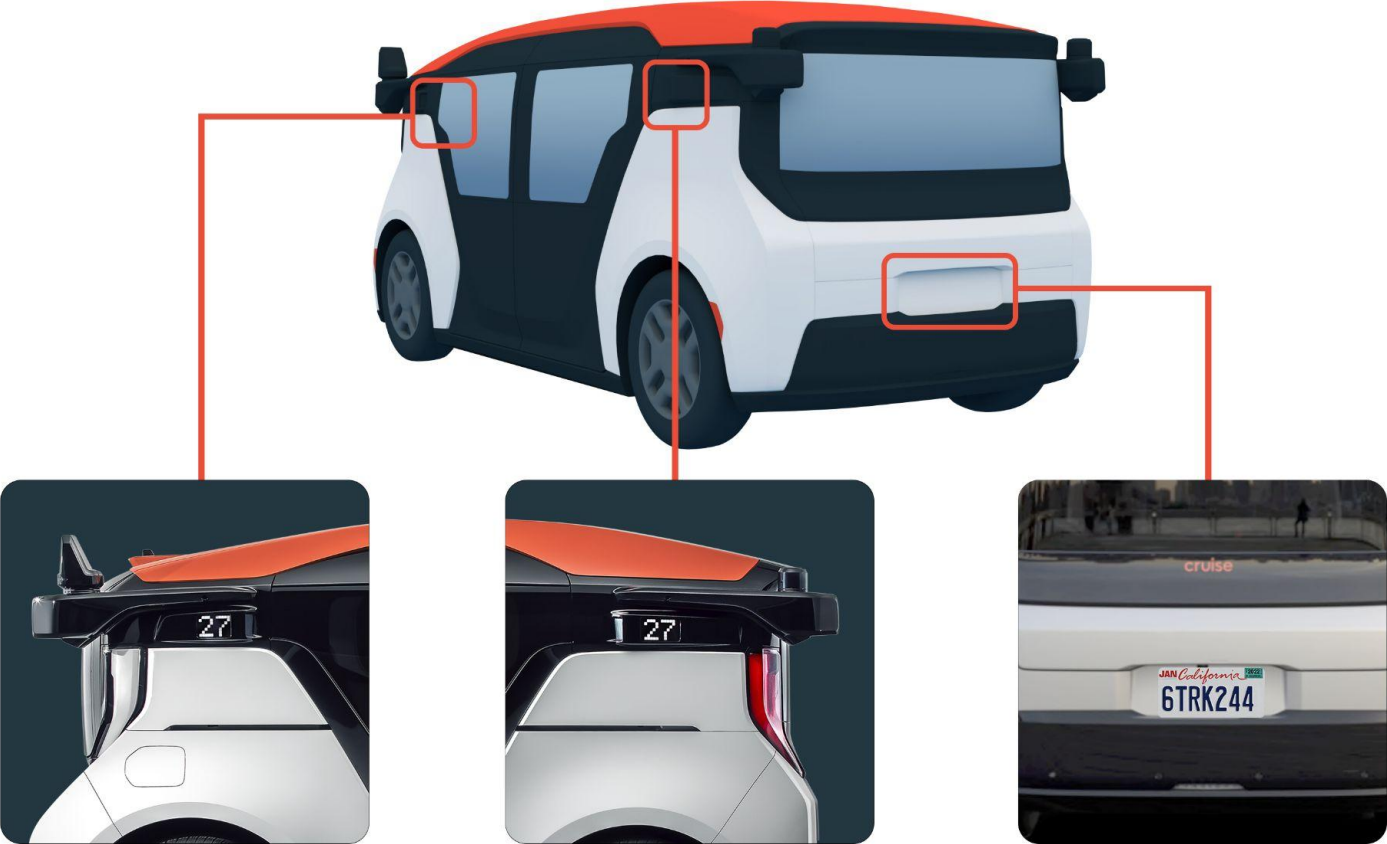


cruise

# The Bolt AV



# The Origin AV



# Cruise and Emergency Responders:

## Key Points

- Cruise's has an **excellent safety record** and our vehicles regularly navigate emergency situations safely.
- We have remote and on-the-ground **support representatives available 24/7** to assist in emergency situations.
- The fastest way reach a Cruise representative is via our **Critical Response Line at 888-662-7103**.



## Remote Assistance the “Extra Sensor”



While our fleet travels autonomously from Point A to Point B...

Our fleet can operate autonomously 99% of the time the software stack is running.



...sometimes an AV may encounter a peculiar scenario on the road.

Humans directing traffic, road obstructions, construction zones and oncoming emergency vehicles to name a few.



When it does, it reaches out for help from an advisor on our team.

For the remaining 1% of time our fleet needs help, we staff our operation to join the AV within 3 seconds, unlike a typical call center.



The advisor can remotely influence the perception and planning stacks as needed...

We don't use a steering wheel or joystick, but instead, provide high-level suggestions. The car handles the rest with the support of the AV's collision prediction.



...after which, the AV can autonomously continue to its destination.

The advisor briefly monitors the AV to ensure it no longer needs assistance, then disconnects and rejoins the queue.

Safety is at the core of everything we do.



- Dedicated 'Safety' Page: [getcruise.com/safety](https://getcruise.com/safety)
- Cruise Safety Report - [Released November 2022](#)
- [2023 White Paper on Establishing a Crash Rate Benchmark](#)
- Externally Audited Safety Management System 'SMS' based on safety-first industries including aviation and energy sectors.

# Cruise Today



# San Francisco Ridehail

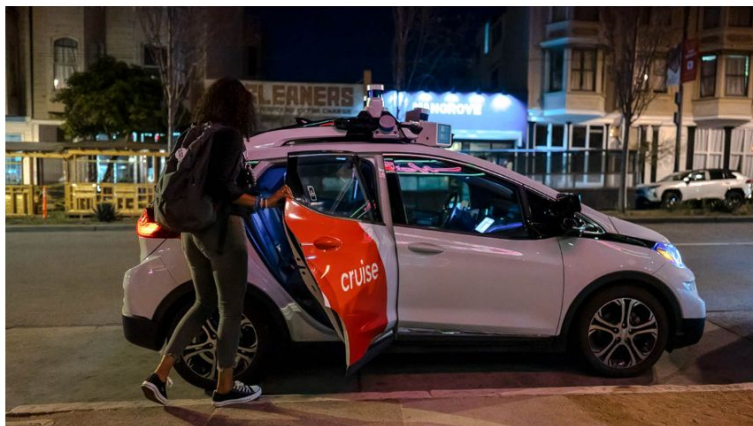
Jun 2nd, 2022

## We're going commercial.

Blog post • by Gil West, Chief Operating Officer



A commercial AV ridehail service is three things: driverless, public, and fared. Last fall, our CEO Kyle Vogt took the first fully driverless ride; in February we began welcoming members of the public to experience our service; and now we're going commercial.



- Cruise received the first-ever Driverless Deployment Permit granted by CPUC
- This permit means Cruise can offer fully driverless rides to the public 24 hours a day and charge a fare.
- Continue to grow fleet, ridership, and revenue in San Francisco throughout in 2023.
- Cruise has completed 5MM+ driverless miles.

# Ridehail Expansion



- Cruise launched ride hail services in Austin and Phoenix in Q4 of 2022.
- The service will expand this year.
- We have also announced manual data collection or limited on-road testing in: Houston, Dallas, Miami, Nashville, Los Angeles, San Diego, Atlanta, Charlotte, San Jose, Raleigh-Durham, Seattle, Washington, D.C., and Las Vegas.

# Arizona Delivery

## Cruise expands Walmart autonomous delivery pilot in Arizona

Rebecca Bellan @rebeccabellan / 1:56 PM PDT • April 12, 2022

Comment



Image Credits: Cruise

- Last-mile delivery partnership with Walmart in Arizona.
- Completed over 46,000 deliveries.
- Expanded from one to 8 stores, with more to come in '23.

# Novel Vehicle Designs

## Origin: Unlike Anything Else

### Purpose Built.

Origin is purpose-built as an AV to offer a self-driving service to serve more people safely and sustainably. It is a totally different transportation experience than a car today.

### American Made.

Manufactured at Factory ZERO in Michigan, GM's fully dedicated EV plant, the Origin will support employment in the United States, both at the plant and at part suppliers.

### Shared.

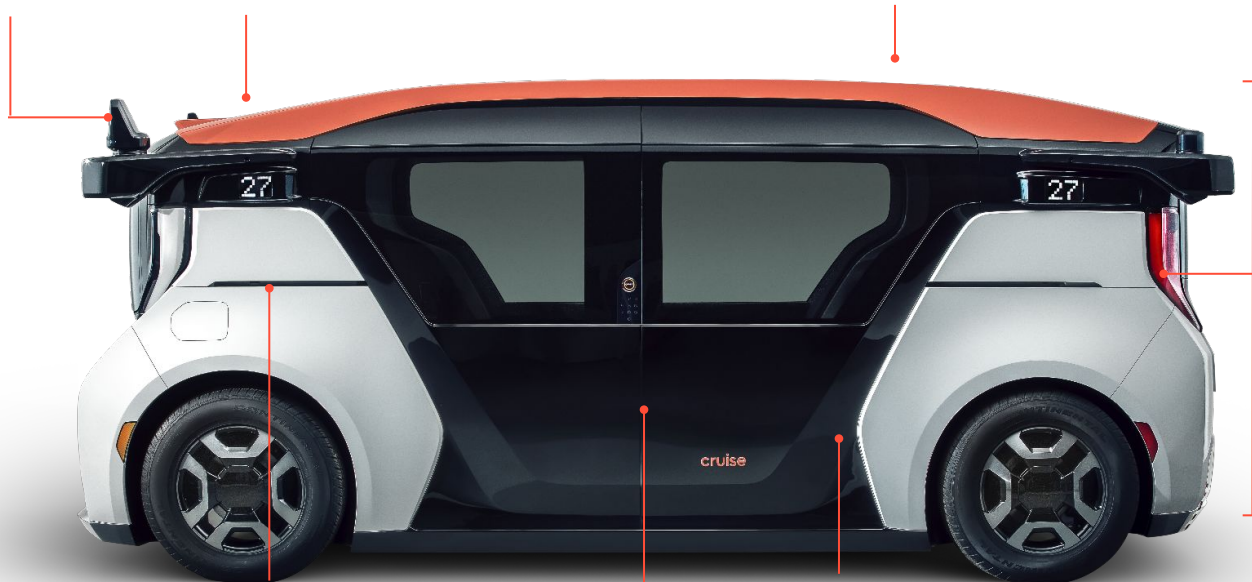
By removing the driver and associated equipment, the Origin will seat up to six passengers in a campfire seating arrangement.



# Cruise Origin

Lidar, Radar, Camera, and acoustic sensor in corner pods and rooftop module

Manufactured by GM at Factory Zero in Detroit, Michigan



L: 4,659mm  
W: 2,032mm  
H: 2,032mm

All-electric design

Ultium Battery Pack

Spacious cabin with campfire seating for 6 passengers and powered dual sliding doors for easy ingress/egress

# Current Accessibility Features

## RTT support

How can we make your rides more accessible?

RTT support calls

Deaf or hard-of-hearing riders can ask Cruise to call your phone by real-time text if you need help.

---

← Accessibility Skip

Great! How can we make your rides more accessible?

Get help by text

If you have an issue on your trip:

1. Select Get help from the car or the app
2. Answer your phone when we call
3. Tap RTT on your phone to begin texting

+1(415) 470 - 1566  
Cruise Support

keypad speaker

Future wheelchair access

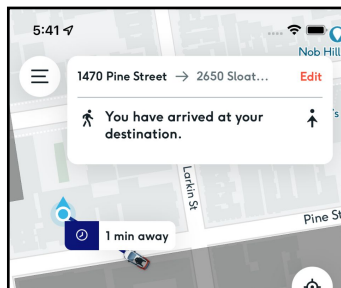
While Cruise does not have wheelchair-accessible vehicles (WAVs) yet, we're gathering feedback and

Next

## Audible/visual walking directions

Walking directions to pickup spots

Helps you find your car. To have walking directions read aloud, enable VoiceOver in Settings.



## User-initiated horn honk

5:46

**Finit is here and will wait for 4 min and 48 sec**

Unlock the doors when you're nearby.

Unlock doors

Honk horn

Cancel ride

## Audible/visual end-of-ride announcements

We're arriving soon. Please close the windows and start gathering your things.

We've arrived! Please make sure the windows are closed and that you have all your things.

As you exit on the sidewalk side, watch out for bikes and cars.

Thanks for riding with Cruise!

cruise

## Cruise WAV

### **Origin will transform people's lives.**

For far too long, transportation options for people with disabilities have been lacking. At Cruise, we see a future where self-driving cars make it easier for everyone including wheelchair users to connect with the things, experiences, and places they care about.

That is why we designed the Wheelchair Accessible Origin.

### **Origin will help empower people's independence.**

The Wheelchair Accessible Origin will challenge the status quo by providing wheelchair users access to convenient, fast, and affordable point to point transportation.

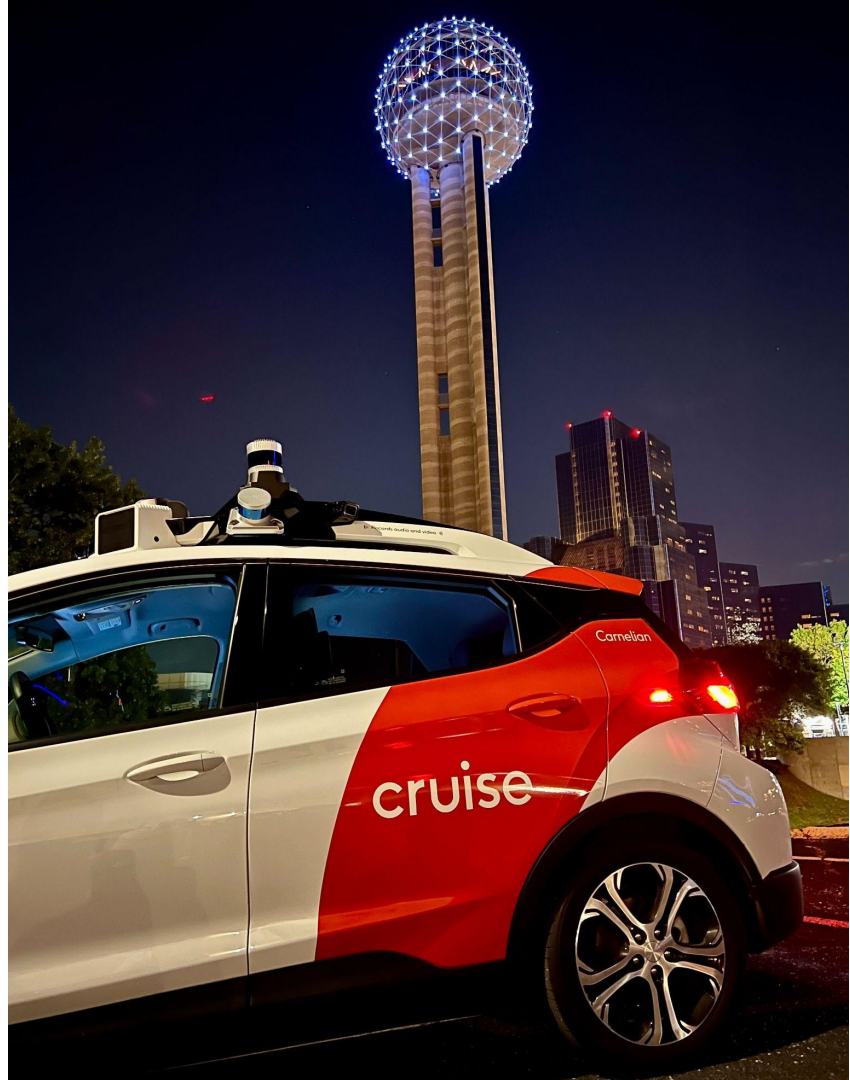


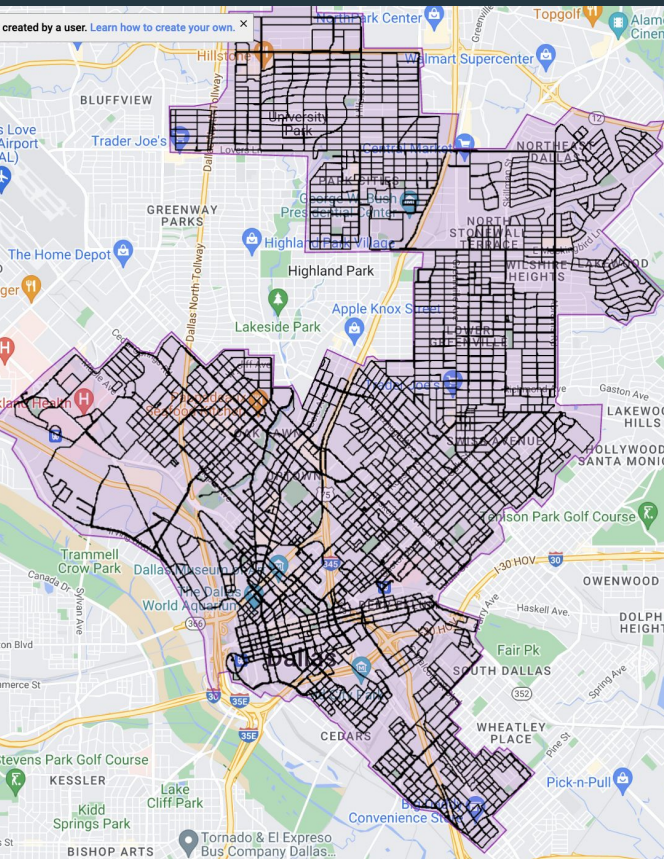


# Dallas

## Work prior to launch:

- Mapping our initial service area
- Developing sites for launching, servicing, and charging vehicles
- Collecting on-road data in Autonomous Vehicles staffed by Test Operators
- Preparing to begin fully driverless service





## Overview:

- **Bolt AV Ridehail Service:** 24/7 with limited daytime operations.
- Initial area will be limited near Oak Lawn, Uptown, Downtown, Deep Ellum and Lower Greenville.
- Support facilities will likely be located off I35/Inwood and near Dallas Love Field.





Thank you!

# Appendix

# Cruise WAV



An inclusive,  
self-driving future

## Cruise for Good



Cruise for Good expands

## A Guide for First Responders



# EMV Response





## Fully Autonomous Driving in SF





# Cruise: Emergency Responder Training

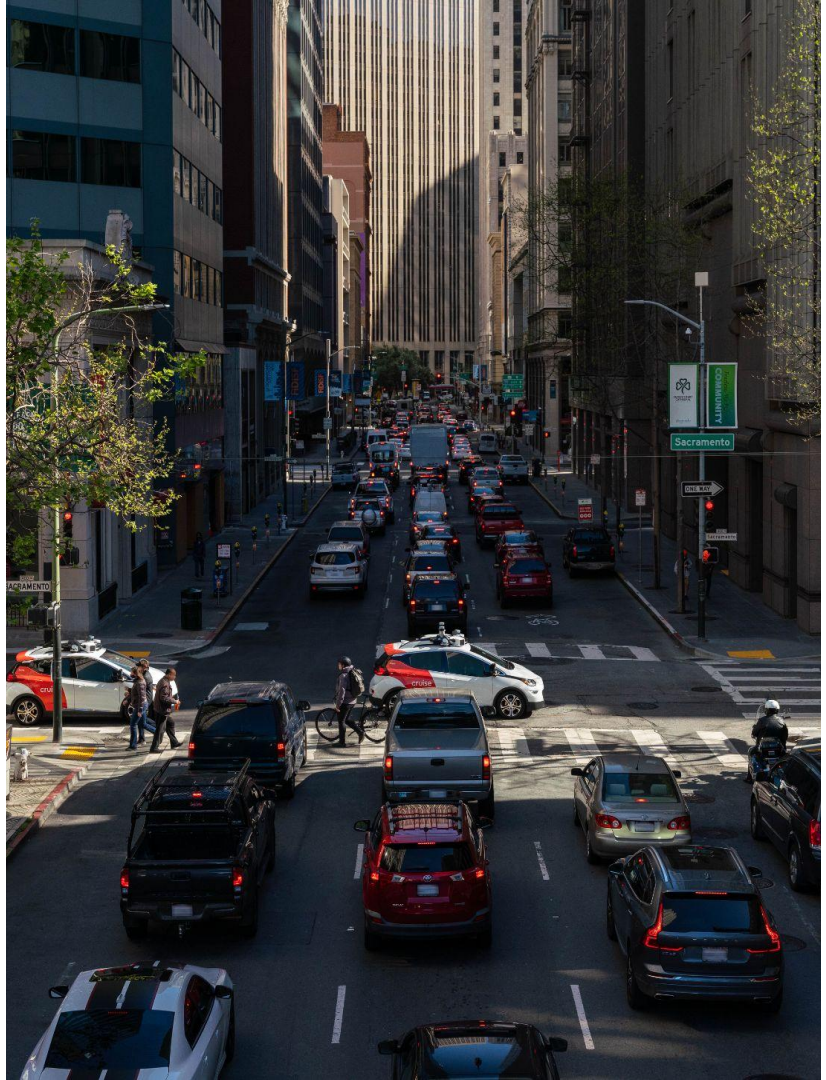
October 2023

cruise

# Safety: A Lifetime Commitment

In 2022, an estimated 42,795 died on U.S. roads with major percentages for pedestrians and cyclists as well.

56 Traffic Related Fatalities for law enforcement in 2022



# AV Background Information



## Our Mission

# Improving life in our cities

We're driven to *safely* connect people with the places, things, and experiences they care about.

# Types of Automation

## **Driver-Assist** (also known as ADAS)

The human in the vehicle is required to be licensed, attentive, and ready to take over the driving task at any moment.

Technologies include:

- Lane-keeping assistance
- Automatic emergency braking
- Adaptive cruise control
- Forward collision warning

## **Autonomous Vehicle (AV)** (also known as ADS)

When in autonomous mode, passengers in the vehicle have no expectation of having to do any driving tasks, whether there are driver controls or not.

Examples of AVs include:

- Cruise Origin
- Cruise AV (Chevy Bolt-vehicle)
- No vehicle with ADS is available for individual purchase at this time.

# Levels of Automation

**Level 0**

Vehicles have support features that provide limited warnings or momentary assistance. Examples include automatic emergency braking or blind spot warning.

**Level 1**

Technology features include steering or brake/acceleration support for drivers. Examples include adaptive cruise control or lane centering.

**Level 2**

Technology features include steering and brake/acceleration support for drivers. Examples include a combination of adaptive cruise control and lane centering.

**Level 3**

At this level, the vehicle can perform driving tasks, driving in a traffic jam for example, but the driver must be prepared to take over when the vehicle requests, at any time.

**Level 4**

**Here, the vehicle is doing all driving tasks, and passengers cannot take over the driving task. The vehicle is limited to set conditions – either in geography, time of day, or weather conditions.**

**Level 5**

Finally, at this level, the vehicle can drive itself in all conditions and geographies.

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# Cruise Mission & Vision

## **Self-driving.**

Our mission is to build the world's most advanced self-driving vehicles to **safely** connect people with the places, things, and experiences they care about.

## **Accessible.**

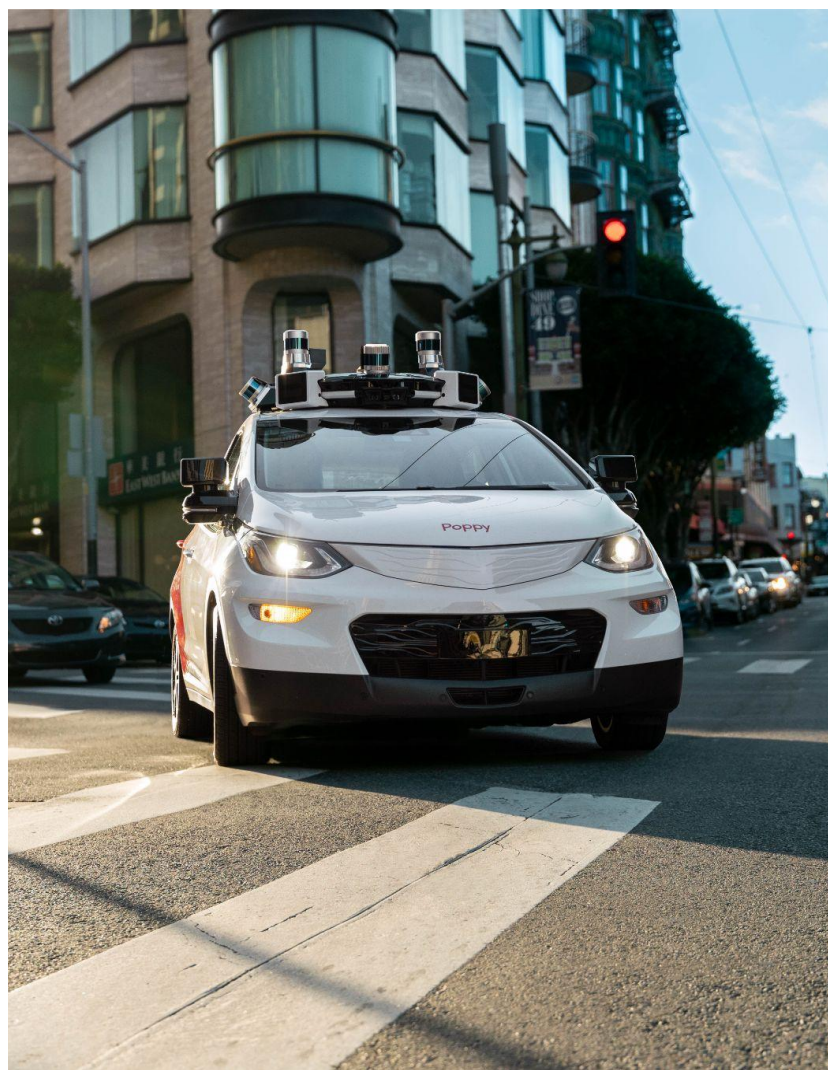
Cruise AVs will provide **accessible** transportation for those unable to drive themselves, including elderly populations and those lacking existing transportation options.

## **Shared.**

Cruise will own and operate our fleet, providing **shared** transportation services that reduces the need for personal car ownership.

## **Zero-emission.**

Cruise AVs are **all-electric**, providing access to green miles for people who might otherwise not have utilize an EV.





## Cruise AVs and Safety

Self-driving vehicles never get tired, distracted, or drive under the influence, making our roads safer for everyone.



# Cruise AVs

# Cruise and Emergency Responders:

## Key Points

- Cruise's has an **excellent safety record** and our vehicles regularly navigate emergency situations safely.
- We have remote and on-the-ground **support representatives available 24/7** to assist in emergency situations.
- The fastest way reach a Cruise representative is via our **Critical Response Line at 888-662-7103**.



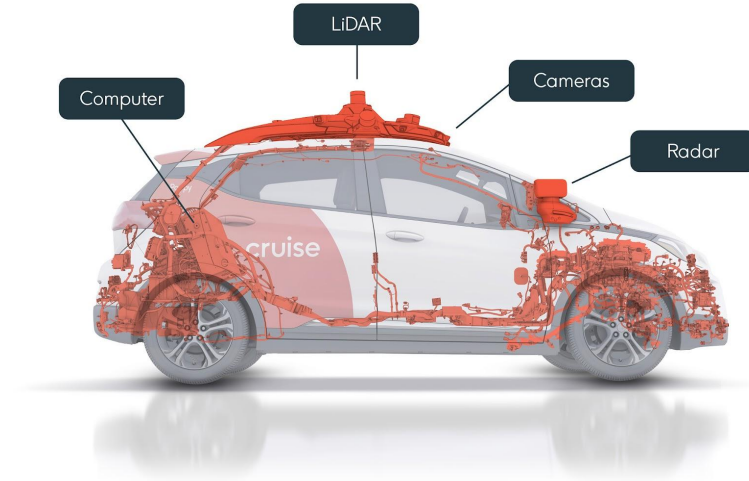
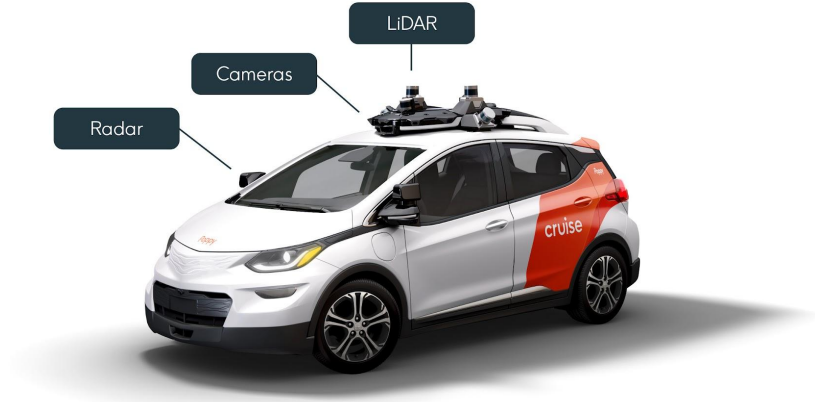
cruise

# Identifying the Bolt AV



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# The Bolt AV



# Safety Technology

# Current Operations

# How Cruise AVs interact with first responders



cruise

## Pulling over a Cruise vehicle



cruise

# Cruise vehicle yielding to EMV



cruise

## Arriving after a collision involved a Cruise AV: Extrication



cruise

## Disabling a Cruise vehicle: Chock and block





Thank you!

# Memorandum



CITY OF DALLAS

DATE October 13, 2023

Honorable Members of the City Council Transportation and Infrastructure Committee:  
TO Omar Narvaez (Chair), Zarin Gracey (Vice Chair), Tennell Atkins, Cara Mendelsohn,  
Kathy Stewart, Jaynie Schultz, Jaime Resendez

SUBJECT **Infrastructure Fee Considerations**

## Background

Through the development of the 2024 Bond Program, City staff has identified a \$17B Infrastructure and Facilities Needs Inventory. Just over half of the \$17B Needs Inventory consists of \$8.6B in streets and transportation needs. Understanding that the 2017 Bond Program was \$1.05B and the 2024 Bond Program is projected to be \$1.1B, City staff has been evaluating alternative funding sources to support the City's streets (streets, alleys, sidewalks, bridges, etc.) and transportation (traffic signals, streetlights, turn lanes, etc.) infrastructure.

Given the background provided above, the purpose of this memorandum is to discuss potential funding sources that City staff has considered as potential supplements to the current funds being invested in the City of Dallas' streets and transportation infrastructure.

## Street and Transportation Impact Fee

Street and Transportation Impact Fees are one-time charges paid by developers that help pay for construction cost of capital improvements, expansion, as well as other transportation infrastructure improvements, and are a fair and equitable way to finance specific activities related to disturbance of city assets and road conditions and could help with the funding gap between the City's needs and its resources.

Street impact fees are authorized by Chapter 395 of the Texas Local Government Code (Established in 1987) and have several benefits ensuring that new development does not place an undue burden on existing taxpayers. Additionally, street impact fees can help to promote sustainable development by encouraging developers to build in areas with existing infrastructure.

The following Texas cities have adopted the Street Impact Fee in their process:

- Arlington,
- Austin,
- Fort Worth,
- Frisco,
- Garland,
- McKinney,
- Rowlett.

### **Pavement Degradation Fee/Street Cut Fee**

A Pavement Degradation or Street Cut Fee could be charged as a method for the City of Dallas to recover the costs associated with a decrease in the useful life of any paved rights-of-way caused by excavation or other disturbance. This fee could be assessed not only for excavations but for deteriorated pavement, sidewalks, or alleys, affected by adjacent development.

Cities that have implemented pavement degradation or street cut fees include:

- [Anaheim, CA](#),
- [Chicago, IL](#),
- [Toronto, CA](#).

### **Alley Sanitation Pickup Fee**

The cost for Sanitation pickup in alleys is more expensive than street pickup. The increased cost for alley pickup is attributed to not being able to use automated trucks due to space constraints in the alleys, increased wear and tear on Sanitation trucks, and greater deterioration of the alley pavement. This fee would be assessed to Sanitation customers not wanting to convert to street Sanitation pickup.

### **Next Steps**

Throughout FY 2024, City staff will begin developing these fees with a goal of having recommendations prepared for the Proposed FY 2025 Budget. Fee development will include the appropriate stakeholder input and for those fees that will require a consultant to develop, a funding plan will need to be considered. Should there be any questions, please contact Ali Hatefi, P.E., Director of Public Works, at [alireza.hatefi@dallas.gov](mailto:alireza.hatefi@dallas.gov).



Robert M. Perez, Ph.D.  
Assistant City Manager

c: T.C. Broadnax, City Manager  
Tammy Palomino, City Attorney  
Mark Swann, City Auditor  
Billieae Johnson, City Secretary  
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M. Elizabeth (Liz) Cedillo-Pereira, Assistant City Manager  
Carl Simpson, Assistant City Manager  
Jack Ireland, Chief Financial Officer  
Genesis D. Gavino, Chief of Staff to the City Manager  
Directors and Assistant Directors

# Memorandum



DATE October 13, 2023

CITY OF DALLAS

Honorable Members of the City Council Transportation and Infrastructure Committee:  
 TO Omar Narvaez (Chair), Zarin Gracey (Vice Chair), Tennell Atkins, Cara Mendelsohn,  
 Kathy Stewart, Jaynie Schultz, Jaime Resendez

SUBJECT **Monthly Update of Public Works Program Performance – September 2023**

## Background:

To provide the Transportation and Infrastructure Committee with a monthly report of Public Works' program performance measures, to include financial information, please see the following available data as of September 2023:

FY 23 Infrastructure Management Program (IMP) Projects - General Fund							
Program	Number of Planned Projects	Number of Projects Completed	Planned Metrics	Completed Metrics	Program Budget	Program Expenditures	Variance (Budget-Expenditures)
Streets	1,400	1423	720.0 Lane miles	720.0 Lane miles	\$120,165,875	\$94,924,277	\$25,241,598
Alleys	98	102	15.9 Linear miles	16.6 Linear miles	\$3,300,000	\$3,200,000	\$100,000
Sidewalks	17	14	14.2 Linear miles	13.6 Linear miles	\$6,347,780	\$2,944,204	\$3,403,576
Bridges	20	27	20 Bridges	27.0 Bridges	\$4,400,000	\$3,399,766	\$1,000,234
<b>Total</b>	<b>1,535</b>	<b>1566</b>	<b>N/A</b>	<b>N/A</b>	<b>\$134,213,655</b>	<b>\$104,468,247</b>	<b>\$29,745,408</b>

FY 23 Bond Projects							
Program	Number of Planned Projects	Number of Projects Completed	Planned Metrics	Completed Metrics	Program Budget	Program Expenditures	Variance (Budget-Expenditures)
Streets	54	40	42.7 Lane miles	30.2 Lane miles	\$49,317,011	\$14,352,301	\$34,964,710
Alleys	54	46	8.6 Linear miles	6.8 Linear miles	\$4,718,264	\$3,665,607	\$1,052,657
Sidewalks	3	1	1.5 Linear miles	1.1 Linear miles	\$1,086,302	\$206,050	\$880,252
Bridges	-	0	- Bridges	0.0 Bridges	\$0	\$0	\$0
<b>Total</b>	<b>111</b>	<b>87</b>	<b>N/A</b>	<b>N/A</b>	<b>\$55,121,577</b>	<b>\$18,223,958</b>	<b>\$36,897,619</b>

Total General Fund and Bond Programs							
Program	Number of Planned Projects	Number of Projects Completed	Planned Metrics	Completed Metrics	Program Budget	Program Expenditures	Variance (Budget-Expenditures)
Streets	1454	1463	762.7 Lane miles	750.2 Lane miles	\$169,482,886	\$109,276,578	\$60,206,308
Alleys	152	148	24.5 Linear miles	23.3 Linear miles	\$8,018,264	\$6,865,607	\$1,152,657
Sidewalks	20	15	15.7 Linear miles	14.7 Linear miles	\$7,434,082	\$3,150,254	\$4,283,828
Bridges	20	27	20.0 Bridges	27.0 Bridges	\$4,400,000	\$3,399,766	\$1,000,234
<b>Total</b>	<b>1,646</b>	<b>1,653</b>	<b>N/A</b>	<b>N/A</b>	<b>\$189,335,232</b>	<b>\$122,692,205</b>	<b>\$66,643,027</b>



DATE October 13, 2023  
SUBJECT **Monthly Update of Public Works Program Performance – September 2023**  
PAGE **2 of 2**


**Performance Notes:**

Public Works had 1,646 projects planned for FY 2023 and as of September 2023, of those projects, 1,653 or **100.4%** have been completed. Of the total \$189.3M programmed dollars for FY 2023, as of September 2023, Public Works expended approximately \$122.7M or 64.8% of total budget.

**FY23 Sidewalk IMP Update**

From the total sidewalk projects, PBW completed 14 projects. One (1) project was canceled due to some conflict, and the remaining 2 projects had a federal funding (CDBG), which current contract had no provision to allow for federal funding; however, a new contract is being processed to include the CDBG funding that we can complete the remaining two (2) projects. Please note that the contract for sidewalk is a multi-year contract.

Given this overview of Public Works' efforts through September 2023, the October 2023 update of this report will be provided in November 2023 and subsequent reports will follow each month. Should you have questions or would like other data included in the monthly report, please contact Ali Hatefi, Director of Public Works.



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Assistant City Manager

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<b>Transportation and Infrastructure Committee Forecast</b>		
<b>Committee Date</b>	<b>Briefing Item/ Report</b>	<b>Presenter(s)</b>
<b>November 7, 2023</b>	<b>Joint DART/ TRNI</b> D2 and DART Student Ridership Program & Discussion <b>(Presentation)</b>	DART STAFF
	Vision Zero Progress Report <b>(Memorandum)</b>	Ghassan Khankarli, Director, Department of Transportation
	Monthly Update of Public Works Program Performance <b>(Report)</b>	Ali Hatefi, Director, Department of Public Works
	Committee Forecast	
<b>December 5, 2023</b>	High Speed Rail <b>(Presentation)</b>	Ghassan Khankarli, Director, Department of Transportation
	UTA Fiber Reinforcement Project <b>(Presentation)</b>	Ali Hatefi, Director, Department of Public Works
	Monthly Update of Public Works Program Performance <b>(Report)</b>	Ali Hatefi, Director, Department of Public Works
	Committee Forecast	