



Greater Houston Freight Committee



October 22, 2022



Agenda



1:00p-1:10p Welcome
Greater Houston Freight Committee

Brian Fielkow
Jetco

1:10p-1:40p Understanding the Past, Present and Future Role of Highways
Baker Institute

Hon. Ed Emmett
Fellow



1:40p-2:10p 10-Year Community-Based Zero-Emission Drayage Supply Plan
Environmental Defense Fund

Cyrus Cormier
Principal

2:10p-2:30p Equity Tool Demonstration
Houston Galveston Area Council

Pramod Sambidi
Senior Manager

2:30p-3:00p Regional Goods Movement Plan Update
Houston Galveston Area Council

Veronica Green
Senior Planner



3:00-3:10p Safe Streets for All & Bipartisan Infrastructure Law
Houston Galveston Area Council

Caroline Bailey
Planner

3:10p-3:15P Announcements

Veronica Green

Adjourn



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Safe Streets for All & Bipartisan Infrastructure Law
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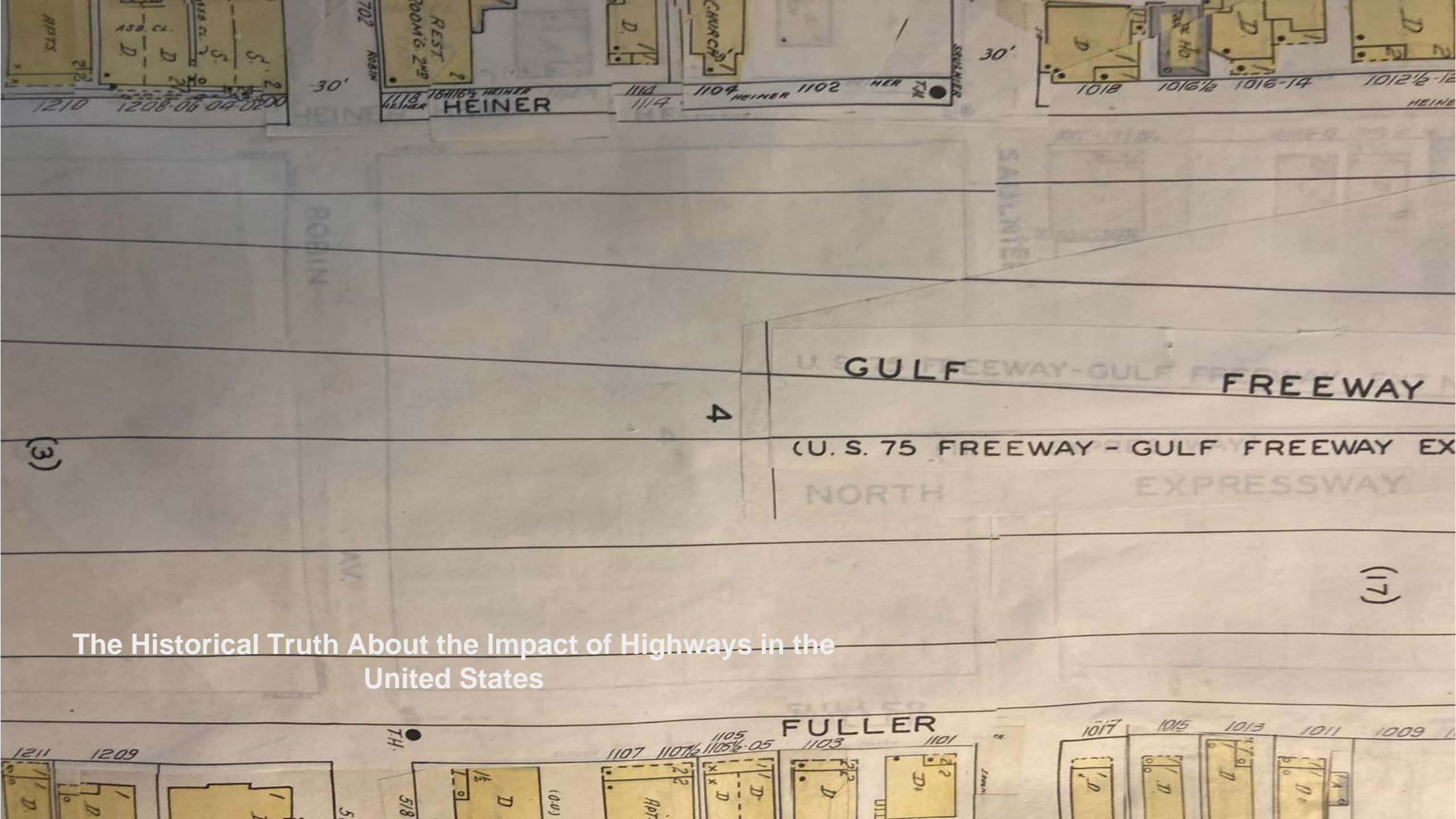
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The Historical Truth About the Impact of Highways in the United States

A Brief History Of How Racism Shaped Interstate Highways

April 7, 2021 · 5:02 AM ET



Some of the country's highways were built through existing Black and brown communities. President Biden's infrastructure plan aims to address racial inequities.

Richard Baker/Corbis via Getty Images

In his \$2 trillion plan to improve America's infrastructure, President Biden is promising to address the racism ingrained in historical transportation and urban planning.

All Current Research

→ Interstate Highway System

- ◆ Who was displaced and which neighborhoods were affected?
- ◆ Why are the highways located where they are?
- ◆ What were/are the highways' economic, social, and environmental impacts?
- ◆ What is the future role of highways?

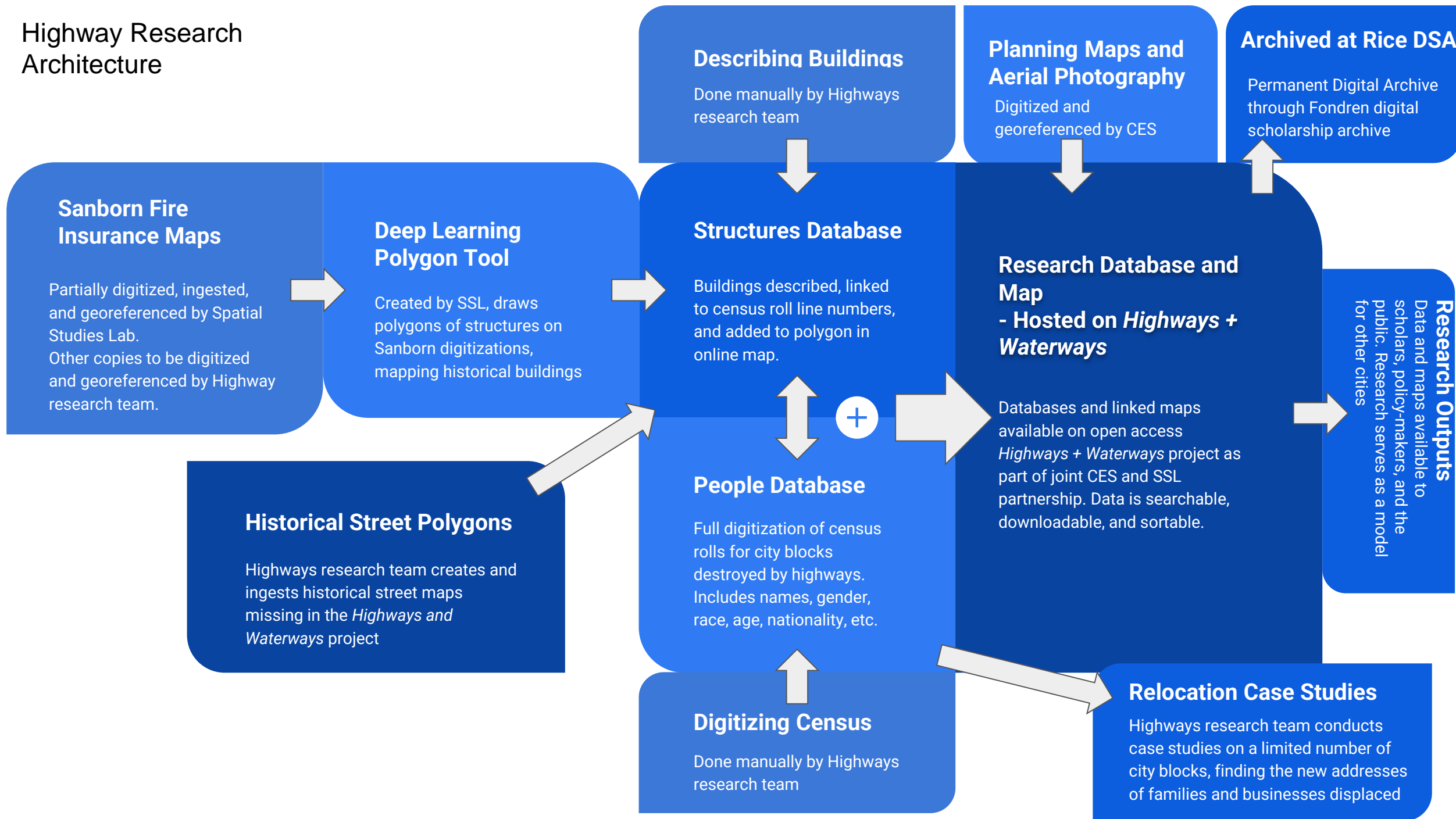
→ Supply Chain

- ◆ Analyze the global supply chain and develop recommendations to make it more resilient
- ◆ Analyze the movement of freight in Texas, the U.S., and the world
- ◆ Develop the program for the Annual Houston Global Freight Summit

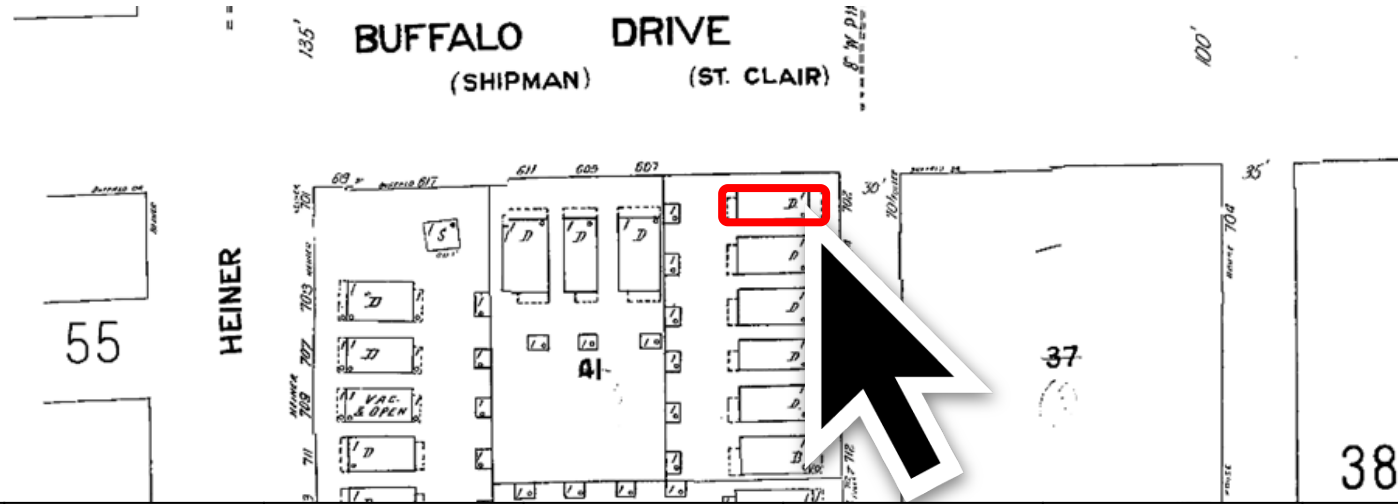
→ Transportation

- ◆ What will the future of transportation be in a lower carbon world?
- ◆ Examine the impact of legislative and regulatory developments related to transportation policy

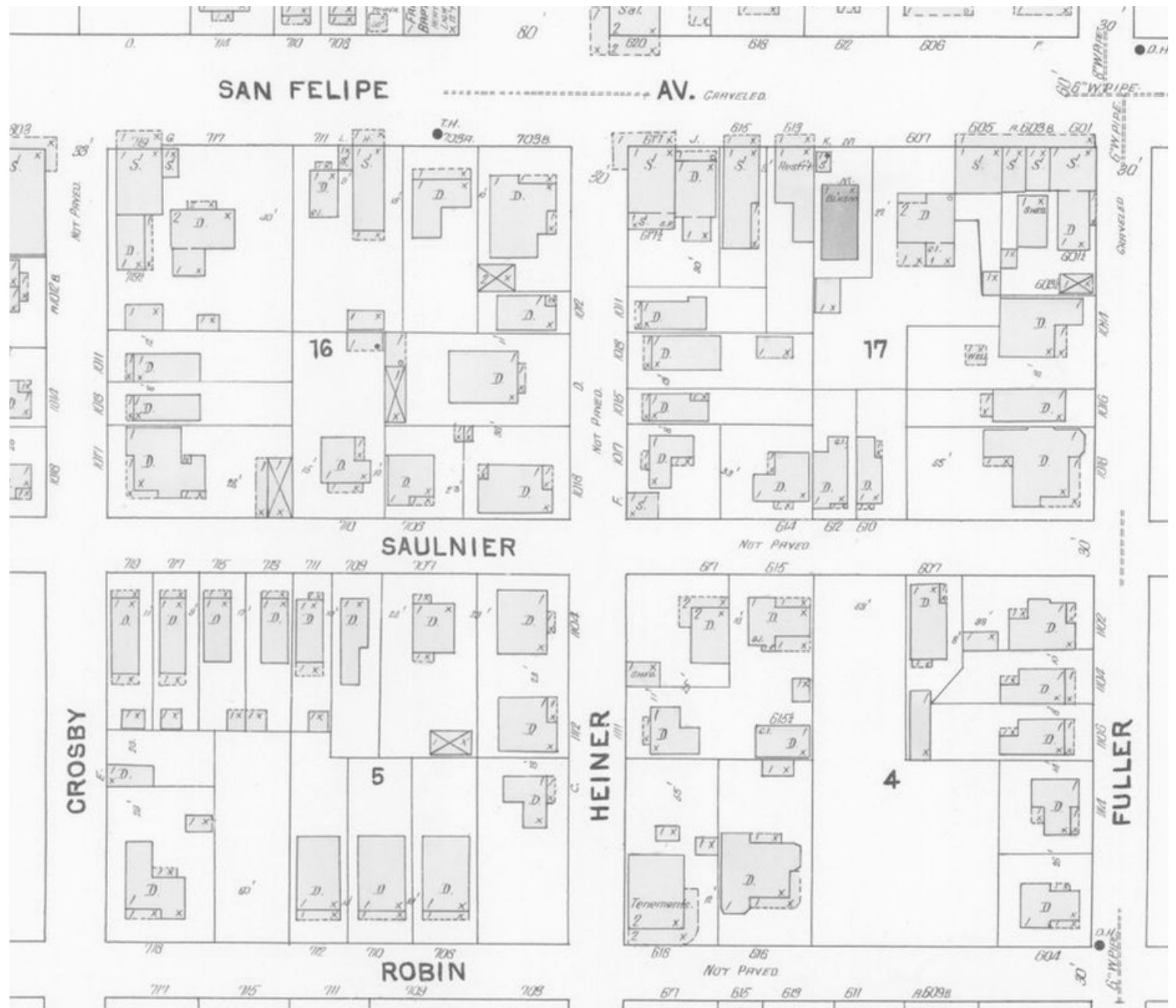
Highway Research Architecture



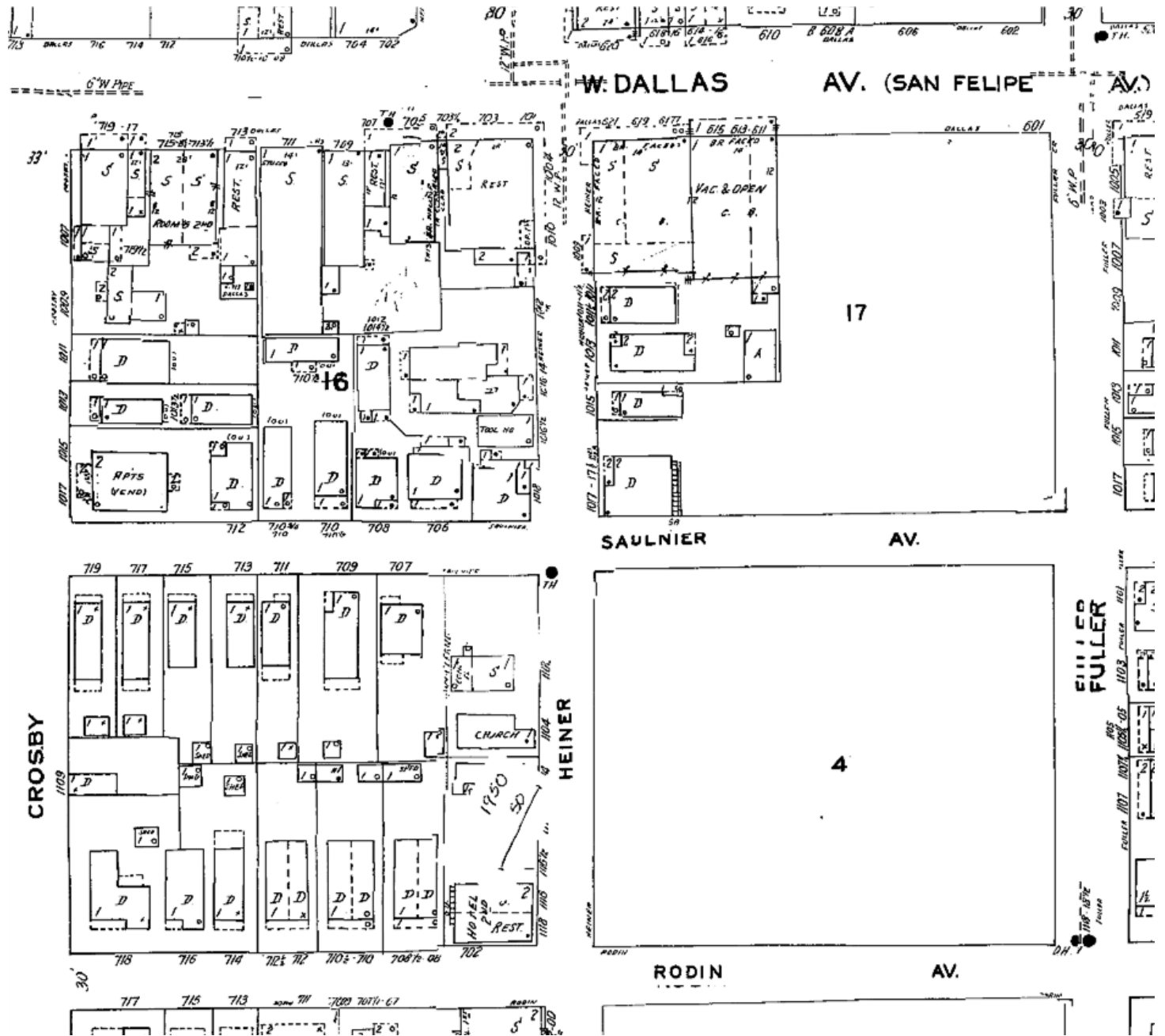
Example of Research



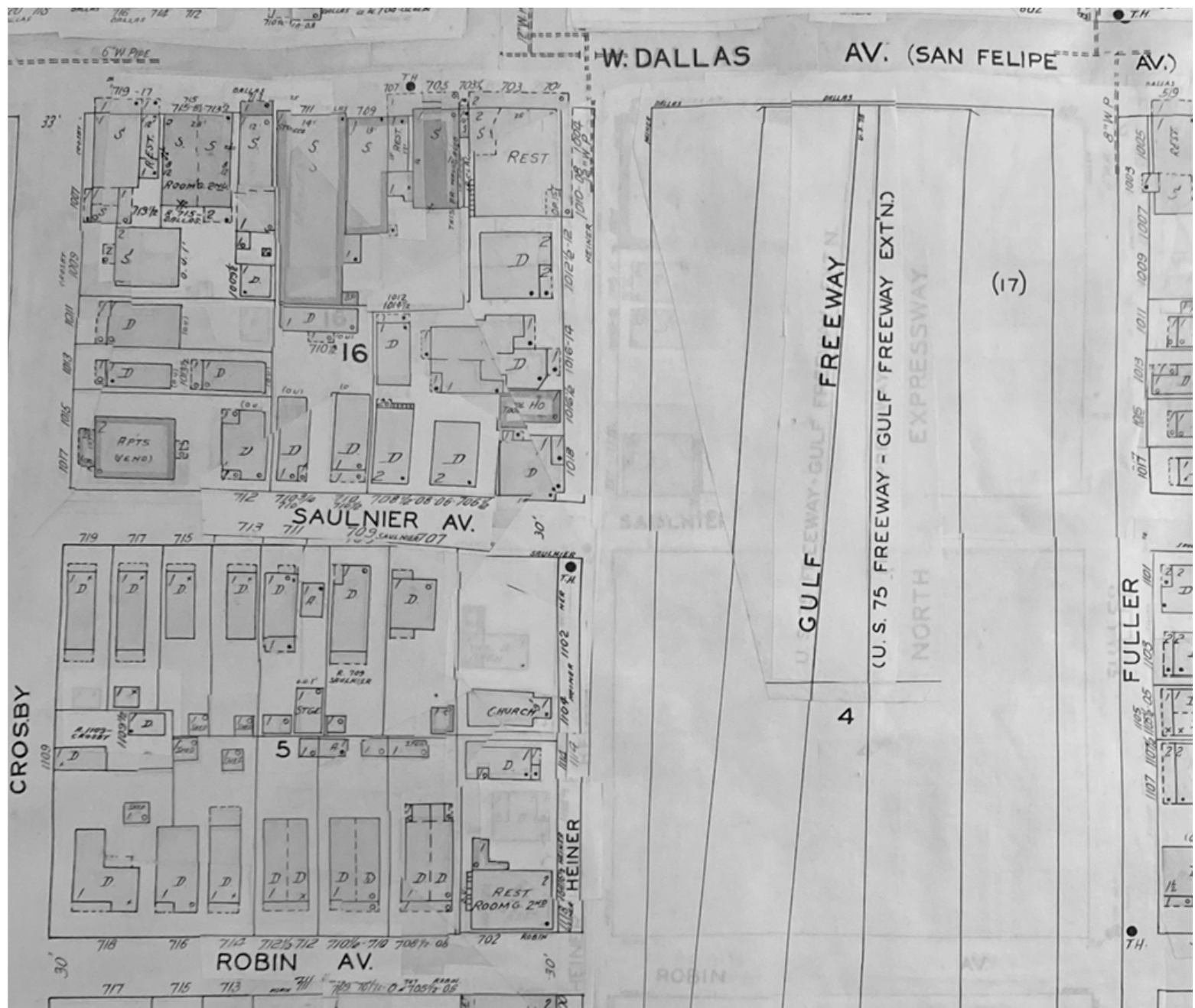
Building ID Number	Tract	Enumeration District	Address	# of residents	Building # at address	Building Type	Stories
8	27	341	702 Fuller	5	1	Dwelling	1
Name, Last	Name, First	Relationship	Race	Sex	Age	Birth location	Naturalized
Outley	H.L.	Head	Neg	M	26	Texas	Blank
Outley	Maudesta	Wife	Neg	F	21	Texas	Blank
Outley	Bruce D.	Son	Neg	M	3	Texas	Blank
Outley	Roger	Son	Neg	M	2	Texas	Blank
Outley	Shirley F.	Daughter	Neg	F	0	Texas	Blank



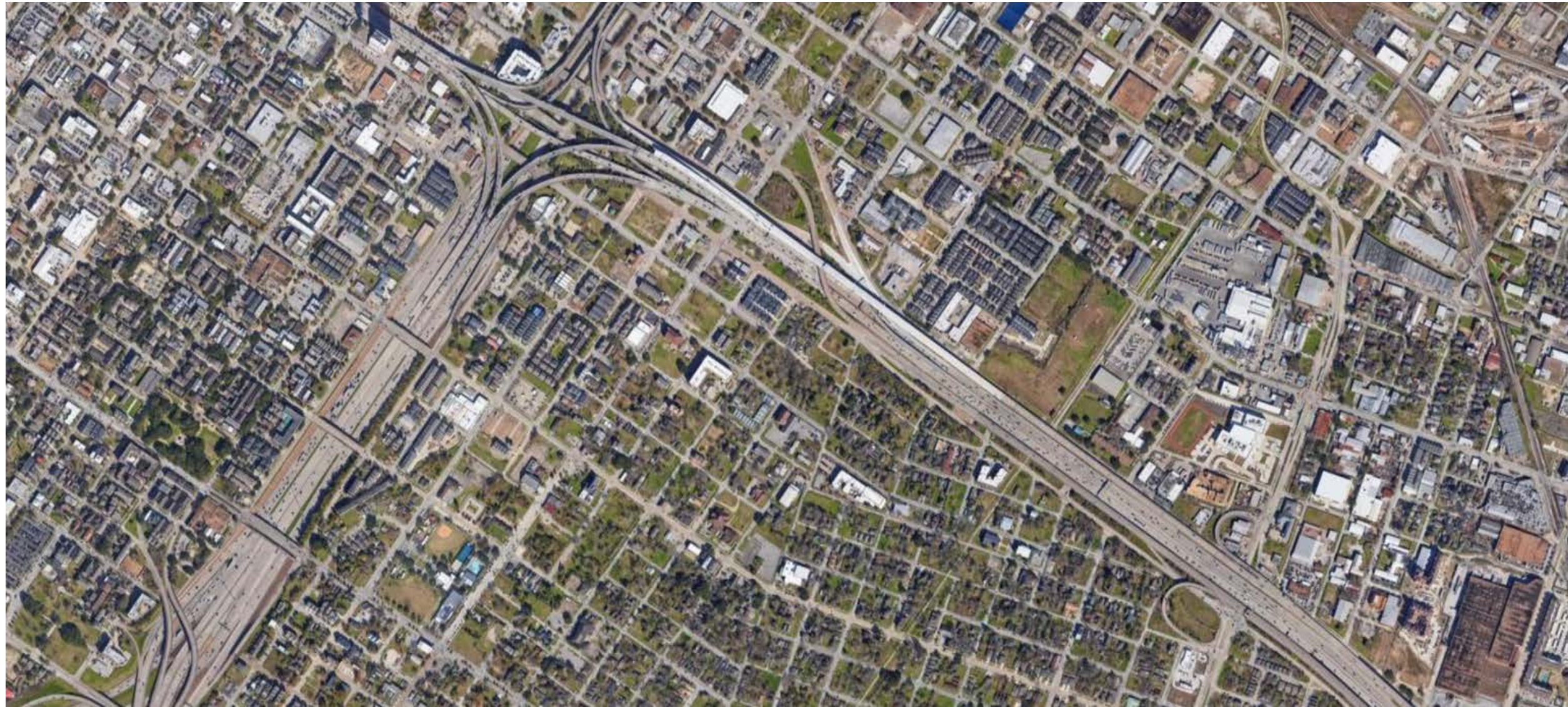
4th Ward - 1950



4th Ward - 1958



3rd Ward - Modern Streets

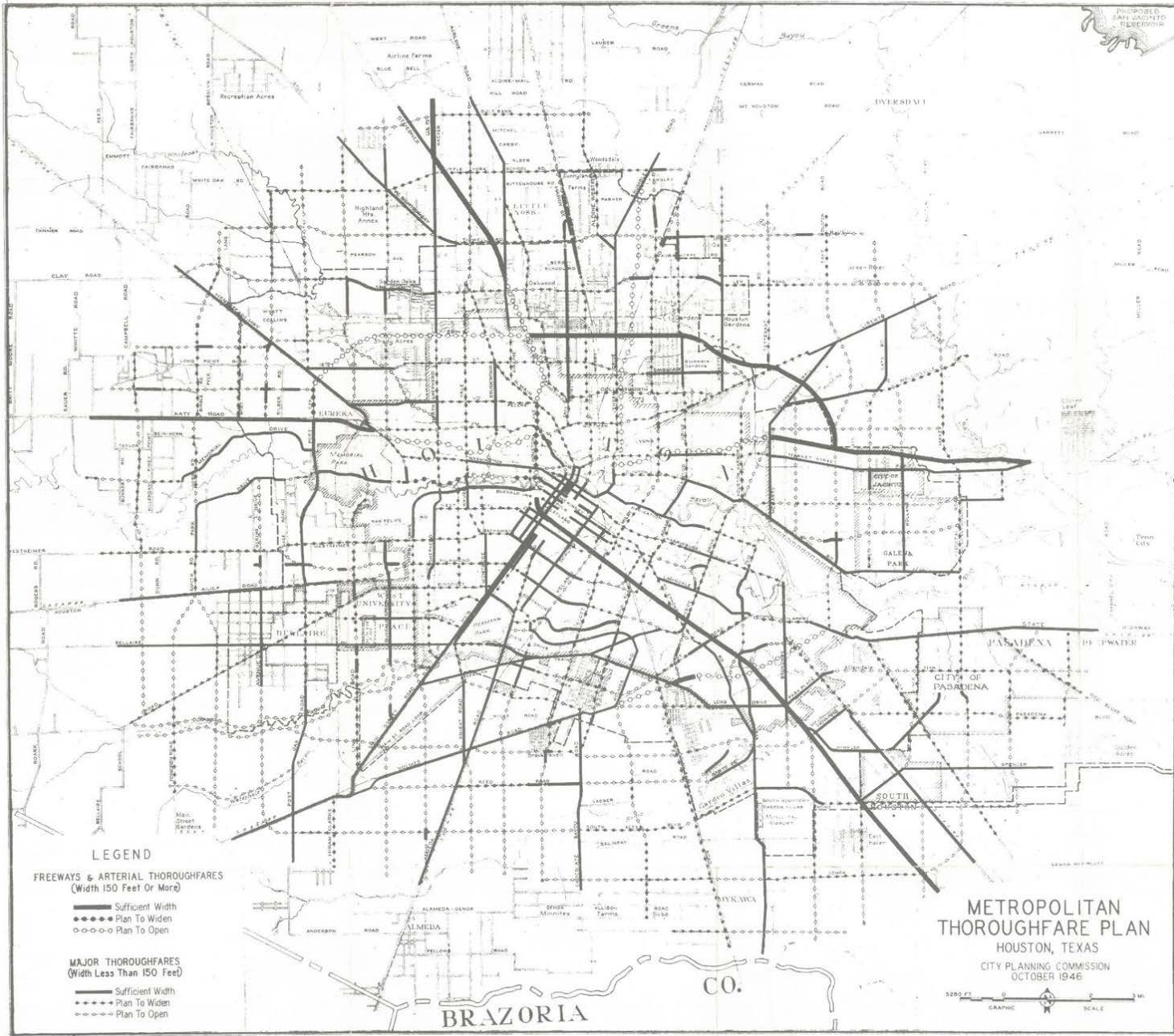


3rd Ward - 1938 USDA Aerial Photo



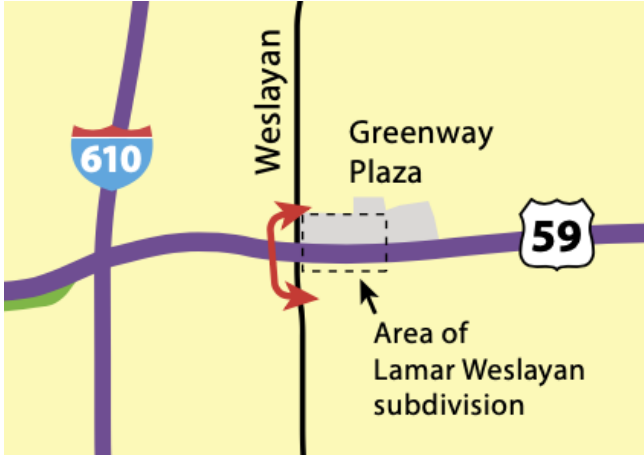
3rd Ward - 1953 USDA Aerial Photo





1946 Major Thoroughfare and Freeway Plan

Lamar Wesleyan neighborhood - 1960



Lamar Wesleyan neighborhood - 1973



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Regional Goods Movement Plan



Greater Houston Freight Advisory Committee Meeting 9/21/2022

H-GAC Regional Transportation Plan Goals

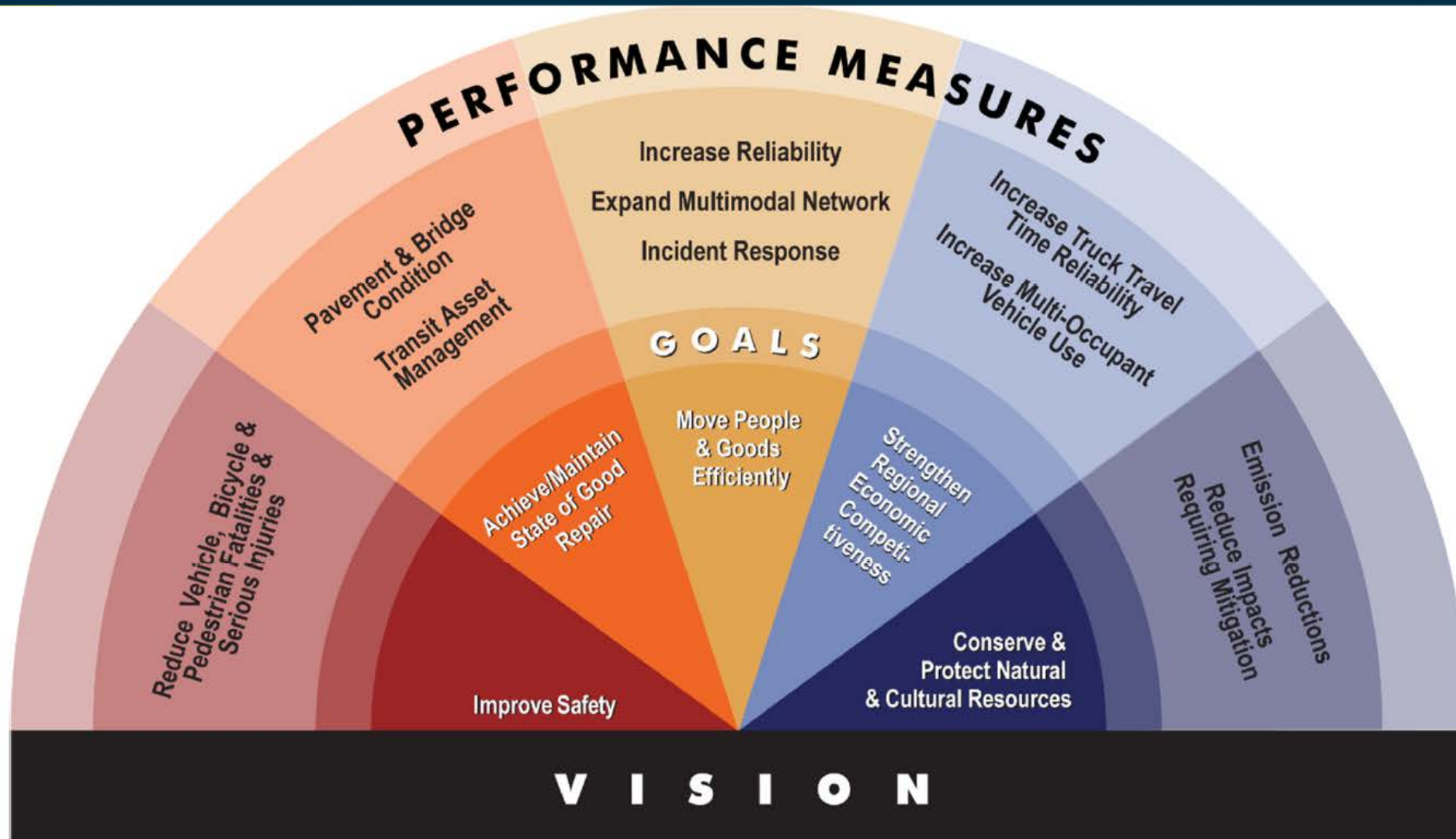


Figure 2-1: 2045 RTP Vision, Goals, and Performance Measures

Equity Under IIJA



- The Justice40 Initiative has a goal of delivering **40 percent** of the overall benefits of climate change mitigation and infrastructure investments to disadvantaged communities.
- IIJA **requires** that agencies consider the effects of their investments on low-income, minority and disadvantaged communities.
- IIJA creates several new programs that specifically target equitable outcomes by prioritizing funding for projects that address inequity in disadvantaged or low-income populations.

H-GAC Freight Goods Movement Equity Framework



Framework Goal

To create a direct connection between future freight mobility projects, RTP goals, and IJA equity-based funding requirements so that H-GAC can:

- better serve both the freight goods movement industry and communities in delivering more equitable project outcomes; and
- leverage its equity framework to maximize its position in future grant proposals.

H-GAC Freight Goods Movement Equity Framework



Framework Structure

A policy document that outlines general H-GAC parameters for equity goals on future freight goods movement projects. Current potential chapters include:

- **Regional Best Practices:** Overview of other regional public entities' definitions of equity and how they apply it to affect policy decisions and outcomes.
- **National Best Practices:** A walkthrough of selected case studies and their application to H-GAC freight mobility projects.
- **Framework:** Recommendations based on the best of regional and national tactics to center equity and environmental justice and meet the requirements of IJA for future project funding.

Freight Goods Equity Framework Example



	A. Indicator Characteristics				B. Beneficiaries					C. Initiative Applicability			D. Comments	
	Key Driver of Indicator Value and Impact	Data Source and Measurement	Economic Indicator	Type of Impact (see below)	Freight Carriers	Other Road Users	Residents & Owners	Businesses	City Government	Truck Route	Off-Hour Delivery	Delivery Windows	Difficulty / Cost	Proposed Modification
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Travel time	VMT, Speed	Traffic Study	\$	E	X	X				X	X	X	L	
Vehicle operating costs	VMT, Speed	Traffic Study	\$	E	X	X				X	X	X	L	
Travel time reliability	VMT, V/C Ratio	Traffic Study	\$	R	X	X		X		X	X	X	H	X
Truck delivery time	VMT, Speed	Truck Survey		R	X	X		X		X	X	X	H	X
Parking costs	Ticket cost risk	Site Survey, City Data	\$	E				X			X	X	H	X
Parking availability	% change in parking	Site survey		E	X			X	X		X	X	L	X
Health cost risk	VMT, Speed	Site survey	\$	A				X		X	X	X	L	
Pollution emissions	VMT, Speed	Site survey		A				X		X	X	X	L	
Truck delivery noise	VMT	Site survey		L				X	X	X	X		H	X
Pavement Maint. Costs	VMT	Site survey	\$	I					X	X	X	X	L	
Accident cost savings	VMT, Acc. Rate	City Data	\$	S	X	X	X		X	X	X		L	
Perception of safety	# of vehicles, ped.	Ped., Driver Survey		S	X	X	X		X	X		X	H	X
Business productivity	% change in parking	Business Survey	\$	E				X					H	X

- Key to type of indicator characteristics:**
- \$ = indicator measured in monetary terms
 - Type of impacts: S=Safety; R = System Reliability; E = Economic Competitiveness; L = Community Livability; A = Environmental Sustainability (Air Pollution); I = Infrastructure Condition
 - Difficulty / Cost: L=Low; M = Moderate; H = High

What does environmental justice look like to you as a contributing member of the supply chain?

Top

What do you see as your obligation to the communities you move freight through?

Top

How are you currently supporting small business / DBEs?

What best practices are you already implementing in your operations to align with IIJA equity goals?

What project evaluation criteria do you think best align with IIJA goals?

Top

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Safe Streets and Roads For All (SS4A)



Greater Houston Freight Committee
10/18/2022



Safe Streets and Roads for All (SS4A)



	FAST Act Extension	Bipartisan Infrastructure Law (BIL)				
Fiscal Year	2021	2022	2023	2024	2025	2026
Total BIL Funding		\$1.000 B	\$1.000 B	\$1.000 B	\$1.000 B	\$1.000 B

- Funds for local initiatives to prevent death and serious injury on roads and streets – “Vision Zero” initiatives
- Cap of 15% awarded to eligible projects in a single state per fiscal year
- Funds to be used within 5 years of grant award
- Federal share not to exceed 80%
- Eligible Activities: develop Safety Action Plans, conduct planning, design, and development activities identified in the Safety Action Plan, or carry out projects and strategies identified in the Safety Action Plan
- MPOs are eligible applicants

Safe Streets and Roads for All (SS4A)

Action Plan Grant Application

Federal Funding Request: \$4,000,000

Joint Applicants

- City of Conroe
- City of Galveston
- City of Friendswood
- City of La Marque
- City of League City
- City of Missouri City
- City of Pearland
- City of Sugar Land
- Waller County
- Gulf Coast Rail District
- Metropolitan Transit Authority of Harris County (METRO)

Partners

- BikeHouston
- BayTran
- Harris County
- City of Houston
- East End Management District



Announcements



- Transportation Advisory Committee, 10/19/22, 9:30a
- Transportation Policy Council, 10/28/22, 9:30a
- Regional Transportation Plan Public Meeting Series

Regional Transportation Plan Public Meeting



Help Make Getting Around the Gulf Coast Region Better for Years to Come



We asked, and you answered! The Houston-Galveston Area Council is one step closer to updating the long-range transportation vision for the region.

Attend a public meeting and drive the conversation to illuminate what the priorities are for your community that will make getting around safer, more reliable, and more resilient for future generations.

Chambers County

Thursday, October 13, 2022
6 – 7:30 p.m.
2525 S FM 565 Rd.,
Baytown, TX 77523

Brazoria & Galveston County

Thursday, November 3, 2022
6 – 7:30 p.m.
416 S. Friendswood Dr.,
Friendswood, TX 77546

Liberty County

Thursday, October 20, 2022
7 – 8:30 p.m.
801 S Cleveland St., Suite B
Dayton, TX 77535

Fort Bend County

Monday, November 14, 2022
6 – 7:30 p.m.
2700 Town Center Blvd. North,
Sugar Land, TX 77479

Montgomery County

Thursday, December 1, 2022
6 – 7:30 p.m.
11659 FM 1488
Magnolia, TX 77354

Waller County

Thursday, October 27, 2022
6 – 7:30 p.m.
3602 North St.,
Pattison, TX 77423

Harris County

Thursday, November 17, 2022
6 – 7:30 p.m.
3555 Timmons Lane, 2nd Floor,
Houston, TX 77027

Unable to attend a meeting? Visit www.h-gac.com/RTP for more information and to watch a recording of the presentation.

H-GAC will provide a Spanish interpreter and an American Sign Language interpreter for the hearing impaired. Additional language or accommodation requests can be made by calling 832-681-2583 or emailing Robyn.Egbert@h-gac.com within 48 hours of the event.



Adjourn

