

# PEDESTRIAN-BICYCLIST SUBCOMMITTEE MEETING AGENDA TRANSPORTATION ADVISORY COMMITTEE (TAC)

HOUSTON-GALVESTON AREA COUNCIL  
VIRTUAL MEETING  
THURSDAY, JULY 20, 2023, 9:30 AM

1. **Introductions and Certification of Quorum**
2. **Public Comments**

## **ACTION**

3. **Approval of Meeting Summary**  
*Ana Ramirez (TxDOT) will lead the subcommittee through the approval process.*
4. **Election of Officers**  
*Ana Ramirez (TxDOT) will lead the subcommittee through the nomination process and officer elections.*

## **INFORMATION**

5. **Orientation for New Members**  
*Jamila Owens (H-GAC) will provide an orientation for new subcommittee members.*
6. **Project Selection Process Update**  
*Vishu Lingala (H-GAC) will provide an update on the regional project prioritization process.*
7. **Invitation to Join the Regional Transportation Demand Management Working Group**  
*Jamila Owens (H-GAC) will introduce the new TDM Working Group.*
8. **Commute Solutions Summer Update**  
*Emanuel Andrews (H-GAC) will provide an update on the Commute Solutions Bike Encouragement Campaign and Commute Solutions Month.*
9. **Washington Avenue Walk Audit**  
*Dexter Handy (Citizen Transportation Coalition) will provide an overview of their Washington Avenue Walk Audit project.*
10. **Planned Ped Bike Activities in the Region**  
*Ana Ramirez will lead a discussion to identify completed, ongoing, or upcoming activities by-service area partners. Please bring your list of accomplishments, issues, and best practices for this session.*
11. **Upcoming Meetings:**
  - Quarterly Subcommittee Meeting - October 19, 2023 – 9:30 AM
12. **Adjourn**

# PEDESTRIAN-BICYCLIST SUBCOMMITTEE MEETING AGENDA TRANSPORTATION ADVISORY COMMITTEE (TAC)

HOUSTON-GALVESTON AREA COUNCIL  
3555 TIMMONS LANE, 2ND FLOOR VIRTUAL MEETING  
THURSDAY, APRIL 20, 2023, 9:30 AM

## Introductions and Certification of Quorum

Quorum was met after the introductions with 17 members present.

## Public Comments

Lucinda Martinez confirmed that no written public comments were received prior to the meeting and no one in attendance expressed an interest in making a verbal comment.

## ACTION

Approval of meeting summary for January meeting

*Ana Ramirez (TxDOT) will lead the subcommittee through the approval process.*

Lisa Graiff motioned for approval & Roy Lira seconded the motion. The item was approved unanimously.

## DISCUSSION ITEMS

### 1. Commute Solutions Spring Activities

*Emanuel Andrews (H-GAC) will provide an update on activities including regional bike challenge, commute fest and more.*

Emanuel Andrews highlighted the ongoing collaboration with Love to Ride who are providing the platform for the "Bike the Gulf" challenge. Chelsea Alventosa with Love to Ride then presented her own slides on the website & the various features & functionalities that users could use to not only track their rides as well as some of the incentives offered to winners of the upcoming challenge. Finally, Nicolle Masters introduced herself as another contact at Love to Ride to whom people with promotional questions could reach out.

### 2. Unified Planning Work Program Active Transportation Status Report

*Shirley Li (H-GAC) will provide update on four local active transportation studies.*

Shirley Li gave a brief background on what the UPWP is before beginning updates on the active transportation projects in it. She first highlighted the bike network update & elaborated on the status of the 4 ongoing transportation studies. She answered several questions during the presentation as well.

### 3. Bike and Pedestrian Counts Status Report

*Chris Whaley (H-GAC) will provide update on counter program for tracking non-motorized transportation users.*

Chris Whaley gave a presentation on the status of the non-motorized counter program at H-GAC. He showed graphs of the MKT & Columbia Tap permanent counting sites over calendar year 2022. He then showed the current inventory and gave a brief update on the effort to install new and replacement equipment around the region & also noted the effort to update the borrowing process for mobile counters. Finally, Chris mentioned that there is a planned update to the display of permanent counter data on the website that should be updated in the next couple of months.

### 4. Elections Information

*Ana Ramirez will discuss the upcoming officer elections.*

Ana gave a brief overview of the process and requirements to be elected and serve as either chair or vice- chair of the subcommittee.

## Roundtable Updates

*Ana Ramirez will lead a discussion to identify completed, ongoing, or upcoming activities by-service area partners. Please bring your list of accomplishments, issues, and best practices for this phenomenal brainstorming session.*

Brandon Mosley with the City of Houston mentioned that he is serving as the bike coordinator for the city while Brian Smith is out & noted the Bicycle Affairs Committee meeting next week. Yuhayna Mahmud w/METRO highlighted the ongoing universal accessibility effort to upgrade their bus stops and noted that some of the funding was via STIP funds obtained through H-GAC. She also highlighted 2 bikeways under construction as part of the METRO Boost program. Dexter Handy with the Greater Houston Coalition for Complete Streets mentioned the upcoming walk audits along Washington Ave that are planned for the summer & the challenges in developing survey materials for this effort that H-GAC staff were able to help improve. Brenda Bustillos gave an update on Connect Smart & the integration of GTFS feeds into it. Finally, Stephen Polnaszek mentioned an upcoming community bike ride on June 30<sup>th</sup> along Sims Bayou.

## Upcoming Ped/Bike Subcommittee Meeting Dates

- Quarterly Subcommittee Meeting July 20<sup>th</sup>, 2023, 9:30 – 11:00 AM
- GIS Network Working Group Meeting April 24<sup>th</sup>, 2023, 10-10:50 AM

Adjourn

April 20 Ped-bike

Meeting

17 members were in attendance

2023 Pedestrian-Bicyclist  
Subcommittee

Representing	Primary-Name	Organization	Alternate-Name	Organization
Active Transportation	Patricia Kievlan	Bike The Woodlands Coalition	Todd Stephens	The Woodlands Township
Citizen Advocates	Joe Cutrufo	BikeHouston	Kristina Ronneberg	BikeHouston
Citizen Advocates	Dexter Handy	Greater Houston Coalition for Complete Street	Harrison Humphreys	Air Alliance Houston
Citizen Advocates	Roy Lira	Houston Super Neighborhood Alliance	Kevin Strickland	Super Neighborhood 15
Transit	Yuhayna Mahmud	METRO	Aubin Phillips	METRO
Local Governments	Melanie Beaman	City of Sugar Land	Ethan Cantu	City of Sugar Land
Local Governments	Carry Capers	City of Pearland	Kevin Carter	City of Pearland
Local Governments	Jessica Cohen	Harris County	Fatima Wajahat	Harris County
Local Governments	John McGowan	The Woodlands Township	Chris Nunes	The Woodlands Township
Local Governments	Brandon Mosley	City of Houston	Lauren Grove	City of Houston
Local Governments	Tyson Arnold	City of Galveston	Robert Winiecke	City of Galveston
Local Governments	John Orsag	City of League City	Chien Wei	City of League City
Local Governments	Ameena Padiath, P.	City of Missouri City	Marcus Snell	City of Missouri City
Management Districts	Robert Fiederlein	North Houston District	Nathan Marquez	BikeHouston & EaDo Bike Co
Management Districts	Anibeth Turcios	Greater Northside Management District	Rebecca Reyna	Greater Northside Management District
Management Districts	Louis Jullien	Westchase District	Lupita Talley	Eastex-Jensen Super Neighborhood
Non-Profit	Lisa Graiff	Houston Parks Board	Virginia Lynn	City of Houston
Planning	Sherry Weesner	Memorial Heights Redevelopment Authority	vacant	
State	Brenda Bustillos	TxDOT Houston	Stephan Gage	TxDOT Houston
Transit	Thien Cao	Harris County Transit	Robert Anders	Harris County Transit
Transit	Sarah Coulter	Fort Bend County	Sharon Moses-Burnside	City of Houston
Management Districts	Natali Hurtado	International Management District	vacant	

TOTAL: 22



# Pedestrian and Bicycle Subcommittee

## July 20, 2023 – 9:30 AM



# Agenda

1. Introductions and Roll Call
2. Public Comments
3. *Approval of Meeting Summaries (Action)*
4. *Election of Officers (Action)*
5. Orientation for New Members
6. Project Selection Process Update
7. Invitation to Join the Regional TDM Working Group
8. Commute Solutions Summer Update
9. Washington Avenue Walk Audit Project
10. Planned Ped Bike Activities in the Region
11. Upcoming Meetings
12. Adjourn

# 1. Introductions and Certification of Quorum

Representing	Primary-Name	Organization	Alternate-Name	Organization
Active Transportation	Patricia Kievlan	Bike The Woodlands Coalition	Todd Stephens	The Woodlands Township
Citizen Advocates	Joe Cutrufo	BikeHouston	Kristina Ronneberg	BikeHouston
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Management Districts	Robert Fiederlein	North Houston District	Nathan Marquez	BikeHouston & EaDo Bike Co
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Non-Profit	Lisa Graiff	Houston Parks Board	Virginia Lynn	City of Houston
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State	Brenda Bustillos	TxDOT Houston	Stephan Gage	TxDOT Houston
Transit	Thien Cao	Harris County Transit	Robert Anders	Harris County Transit
Transit	Sarah Coulter	Fort Bend County	Sharon Moses-Burnside	City of Houston
Management Districts	Natali Hurtado	International Management District	Robin Holzer	City of Houston Bike Advisory Committee

TOTAL: 22

# 2. Public Comments

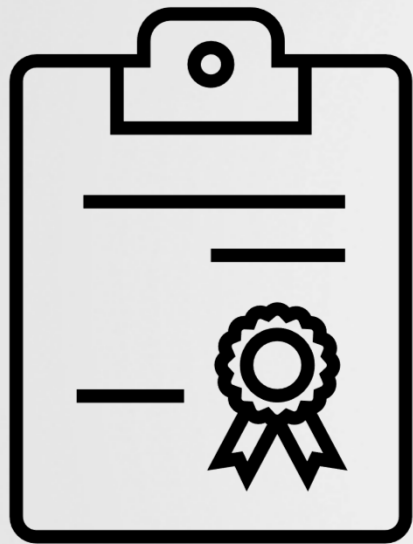
- List of Written or Verbal Comments Received Prior to Meeting
- Open to Public Comment





# 3. Approval of Meeting Summaries

- April 20, 2023 Ped/Bike Subcommittee Meeting Summary



# 4. Nomination and Election of Officers

## Nominations for Chair:

- Lisa Graiff, Houston Parks Board
- *Others?*

## Nominations for Vice Chair:

- *Open*

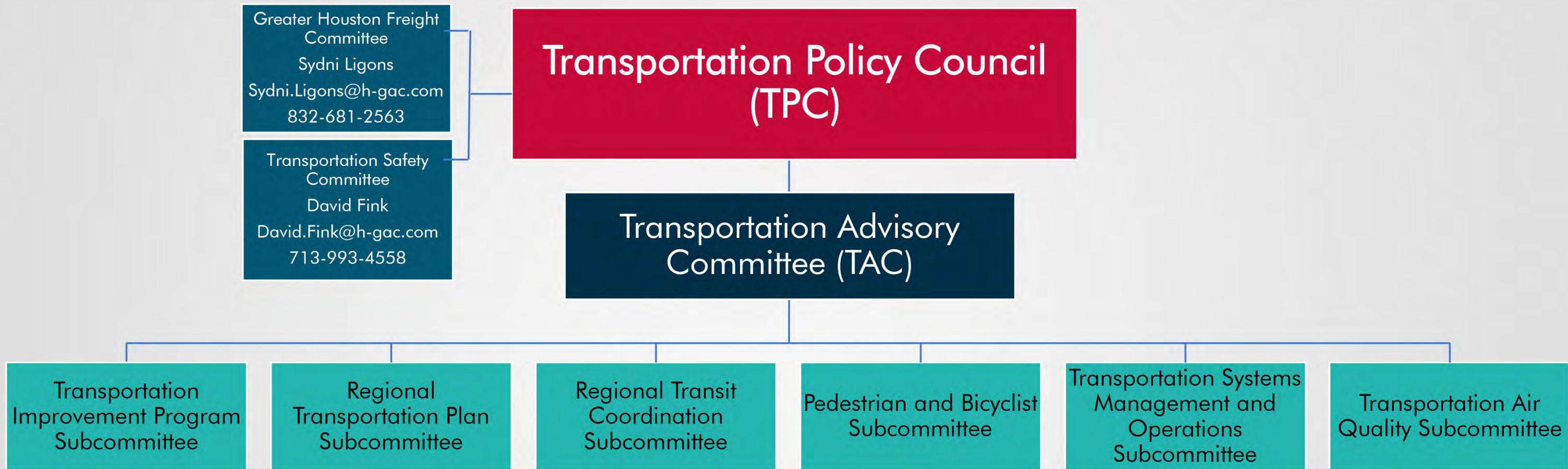


# *Item 5: Ped Bike Subcommittee Orientation*



*Jamila Owens  
July 20, 2023*

# TPC, TAC and the Subcommittees



# ***Ped Bike Subcommittee Purpose***



- Provide guidance for development of the active transportation plan, as well as review and approve the plan.
- Guide the projects and activities that move forward as a result of the plan, including but not limited to development of the Active Transportation toolbox, update of the sidewalk and bikeways layers and more.
- Guide regional safety for active transportation.

# Subcommittee Bylaws Highlights



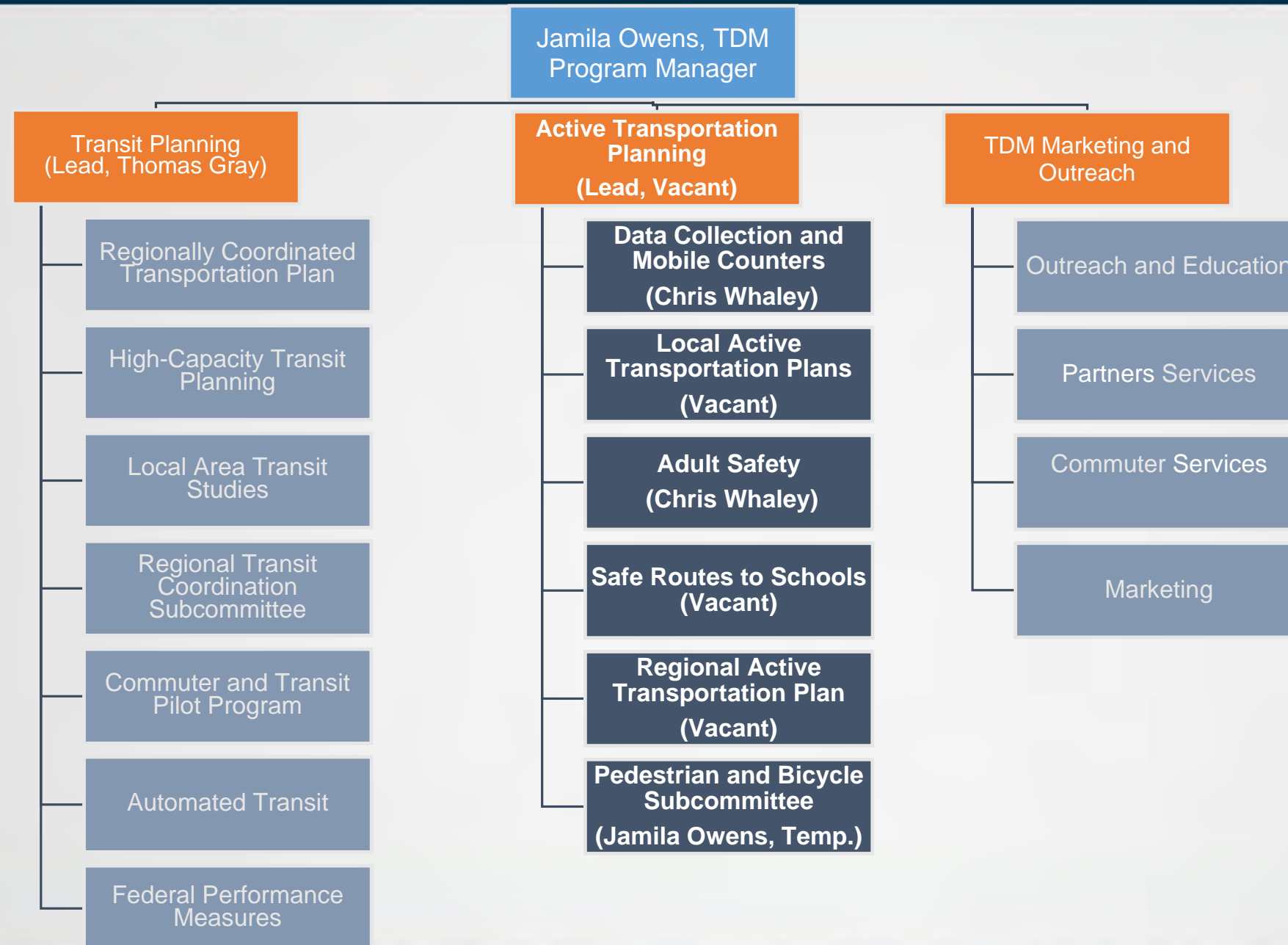
- Maximum 22 members (local governments, transit, state government, management districts, citizen advocates, and non-profits)
- Members and Alternate Members - One year term
- Officers - One year term
- Officers - May serve up to two years
- Vacancies must be filled by TAC
- 50% is a quorum

# Subcommittee Workgroups

- GIS Network Update Workgroup
- Modeling Workgroup
- Project Evaluation Criteria Workgroup



# Travel Demand Management Team





# Ped Bike Planning



- Regional Active Transportation Plan
- Local Active Transportation Studies
  - Spring Branch (2019)
  - Bay Area (now)
  - Buffalo Bayou Partnership (2023)
  - ECD/Memorial Drive (2024)
  - Friendswood(2024)
- Counter Loan Program
- Regional Bike and Pedestrian Maps and Data Collection



# Ped Bike Safety



- Safety Campaign
  - Classes for Bicyclists
  - Classes for Motorists
- Ped Bike Safety Implementation Action Plan
- Vision Zero



# Ped Bike Outreach- Commute Solutions



- Telework and TDM Plans and Services
- Regional Marketing and Education Campaigns
  - Bike Encouragement Campaign
  - Commute Solutions Month
- Expanded Emergency Ride Home Pilot Program
- K-12/Safe Routes to Schools



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

# Additional Areas

- Transit Planning
- Congestion Management
- Regional Planning Support
- Transportation Improvement Program Support
- Safety Program Support
- Air Quality Impacts



# Contact Information



Jamila Owens

Program Manager, Travel Demand Management

[jamila.owens@h-gac.com](mailto:jamila.owens@h-gac.com)

832-681-2522



# Project Selection Process



**Pedestrian Bicyclist Subcommittee Meeting**  
**July 20, 2023**

# Agenda

- Overview of Selection Process
- Selection Outcomes
- Investment Categories
- Scoring Point Distribution
- Funding Instructions
- Timeline/Next Steps

# Project Selection Process - Overview

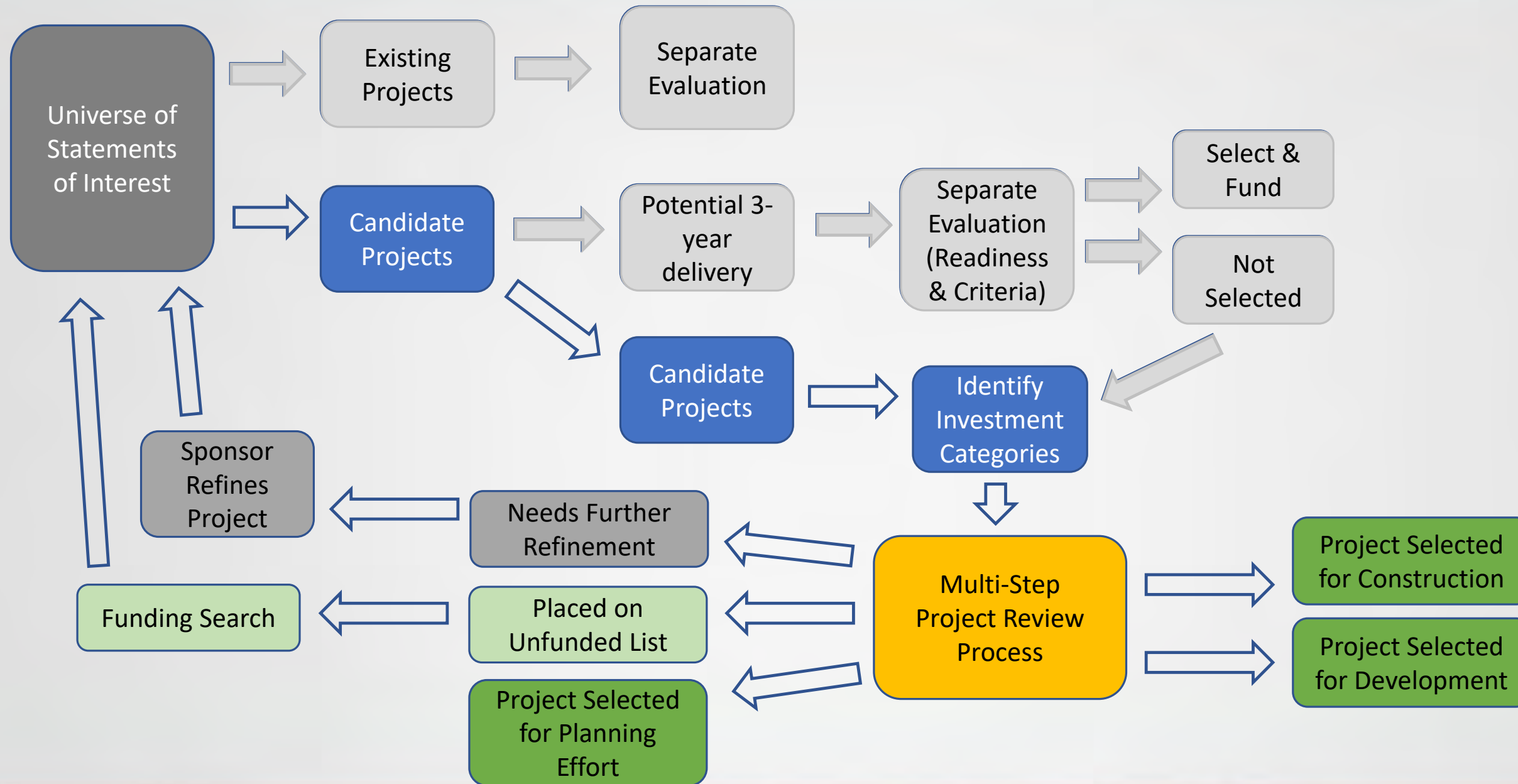
- Evolution of Call for Projects (CFP) process
- Competitive process
- Identify, select, and program projects in RTP, 10-Year Plan and TIP
  - Consistency with RTP goals and other plans
  - Example Regional Transit Coordination Plan, Active Transportation Plan
- Previous CFP in 2018
- Eligible Sponsors
  - TxDOT, Local governments (City/County), ports, Management districts
  - Transit agencies



# Implementing TPC's Guidance

- Investment categories
- Scoring criteria
  - Investment Category-focused scoring
  - Planning factors
  - Benefit-cost analysis
  - Two types of scoring
    - Qualitative assessments based on narratives
    - Quantitative measures
- All Goals, Priorities and Policies are incorporated

# Project Screening Flowchart



# Project Screening Outcomes

Multi-Step  
Project  
Review  
Process

Projects Needing  
Further Refinement

Projects that need further refinement will not be awarded funding. These projects will be sent back to the project sponsor for further refinement before being eligible to re-compete for funding in the project selection process.

Project Placed on  
Unfunded List

Projects placed on the unfunded list will not receive federal funds through the project selection process. However, these projects may be used for other funding programs (e.g., federal discretionary grant programs). Also, these projects will be reconsidered during future reviews of each investment category.

Projects Selected for  
Planning Activities

Projects selected for planning efforts will be inventoried for planning funding in the Unified Planning Work Program for further planning and study. Project recommendations developed during the study will have to compete for funding in the future. They will receive additional points during project selection cycles.

Project Selected for  
Development

Projects selected for development will be amended into the Regional Transportation Plan and project sponsors may continue to further develop the project. Once ready for construction, the project will be reviewed for readiness and programmed into the Transportation Improvement Program and the H-GAC 10 Year Plan. **Project development activities such as design and row-of-way may be funded and programmed in advance of construction.**

Project Selected for  
Construction

Anticipate that projects selected for construction will begin in the next 2 to 10 years. Projects will be programmed into the Transportation Improvement Program and the H-GAC 10 Year Plan, and Regional Transportation Plan at the next available opportunity.

# Investment Categories: Purpose

Investment Category	Description and Purpose (“I identify, develop, and fund...”)
Regional Goods Movement	Projects that most effectively enhance or improve safe and reliable freight mobility throughout the region.
Major Projects	Projects that are regional in scope, most effectively address goals and priorities of the Transportation Policy Council or identified in the Regional Transportation Plan and exceed \$100 million in total estimated costs.
High-Growth Area Needs	Projects that most effectively address mobility, accessibility, and congestion mitigation needs in areas experiencing rapid or significant growth in population or other demographic measures, economic development, travel demand, or other indicators identified by local agencies.
Resiliency & State of Good Repair	Projects that most effectively help the transportation system avoid or recover quickly from events that create delays, closures, or other impacts, and projects that provide maintenance of current transportation facilities and services.
Operational Improvements & Congestion Management	Projects that most effectively deliver traffic management and other operational improvements, as well as mitigate current congestion.
Transit	Projects that most effectively provide, expand, or enhance transit infrastructure throughout the region.
Active Transportation	Projects that most effectively enhance or improve walking and bicycling for essential trip-making in the region.
Safety **	Projects that most effectively will reduce or eliminate crashes that result in fatalities and serious injuries.

# Eligible Activities Potential Spending

Investment Category	Rehab/ Restoration	Added Capacity	New Road	Access Management	Intersection Improv.	ITS	Sidewalks/ Bike Lanes	Transit Facilities
Regional Goods Movement	12%*							
Operational Improvements	13%*							
High-Growth Area Needs	25%*							
Active Transportation	7.5%*							
Transit	7.5%*							
Major Projects (~25%*)	35%*							
Resiliency **	5%*							
Safety **								
Potential availability	24.5%	80%	80%	77%	92.5%	92.5%	70%	75.5%

# Scoring Point Distribution

Scoring Factor	Investment Category					
	Regional Goods Movement	Operational Improvements	High-Growth Area Needs	Active Transportation	Transit	Resiliency & SOGR
Regional Goods Movement	50	4	3	3	3	4
Operational Improvements	6	50	4	4	3	5
High-Growth Area Needs	5	4	50	4	4	3
Active Transportation	2	3	4	50	5	3
Transit	3	4	5	5	50	5
Resiliency & State of Good Repair	4	5	4	4	5	50
Planning Factors	30	30	30	30	30	30
TOTAL POINTS	100	100	100	100	100	100

# Planning Factors Point Distributions

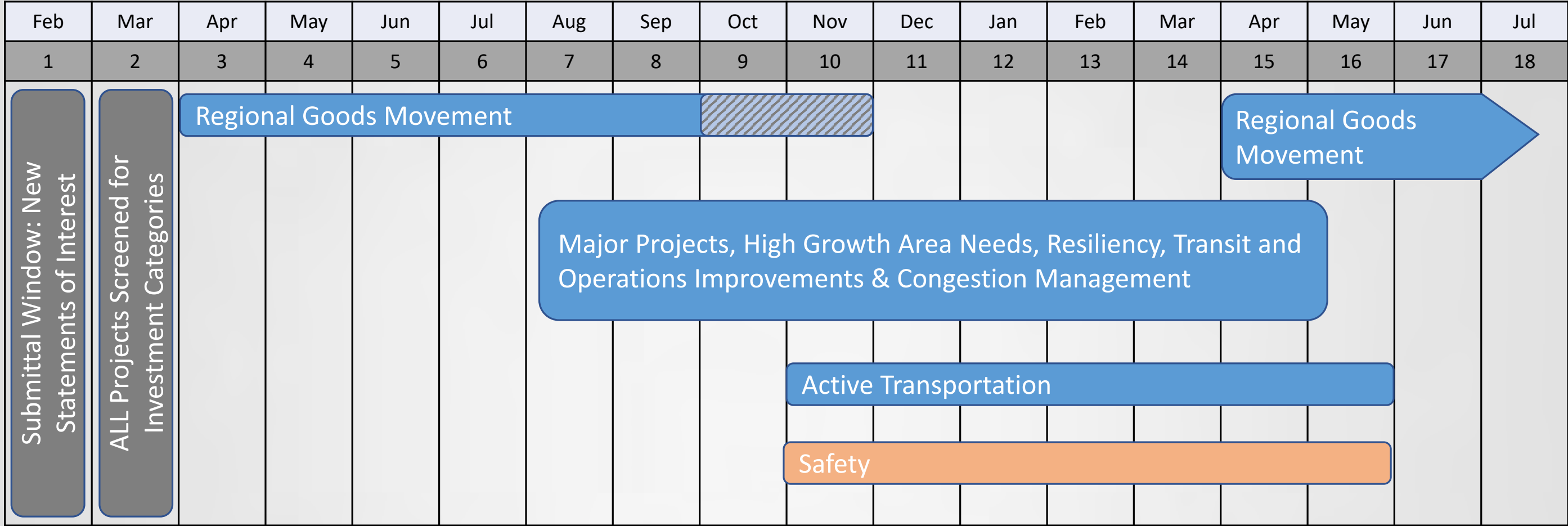
Planning Factor	Investment Category					
	Regional Goods Movement	Operational Improvements	High-Growth Area Needs	Active Transportation	Transit	Resiliency & SOGR
Safety	7	7	7	7	7	7
Resiliency	5	5	5	5	5	5
Access/Connectivity	5	5	5	5	5	5
Environmental Justice	5	5	5	5	5	5
Impact on Cultural/Natural	5	5	5	5	5	5
Innovation	3	3	3	3	3	3
Planning Factors Total	30	30	30	30	30	30
TOTAL POINTS	100	100	100	100	100	100
Screening Factor						
Planning Coordination						

# Funding Instruction - Approved

Investment Category	Initial Recommendation
Regional Goods Movement	12%
Operational Improvements & Congestion Management	13%
High-Growth Area Needs	25%
Active Transportation	7.5%
Transit	7.5%
Major Projects	30%
Resiliency & State of Good Repair	5%
Safety **	<i>TBD; ~\$30M/year</i>



# Investment Categories – Revised Timeline



Evaluate Requests Related to Existing Projects

ID Projects to Reduce Carryover Balances

ID Projects for Planning Studies

Add Planning Studies to UPWP

Initiate/Conduct New Plans



# Contacts



Vishu Lingala  
Principal Transportation Planner

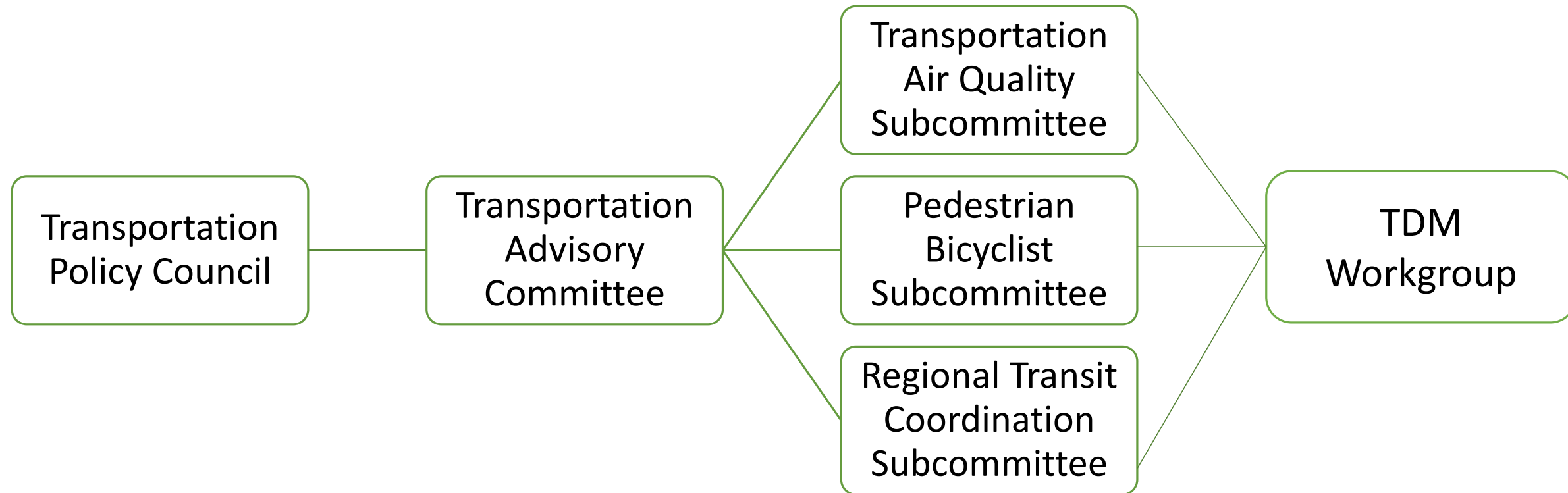
[Vishu.Lingala@H-GAC.com](mailto:Vishu.Lingala@H-GAC.com)

713-993-4561

# Item 7: Invitation to Join the Regional Transportation Demand Management Workgroup

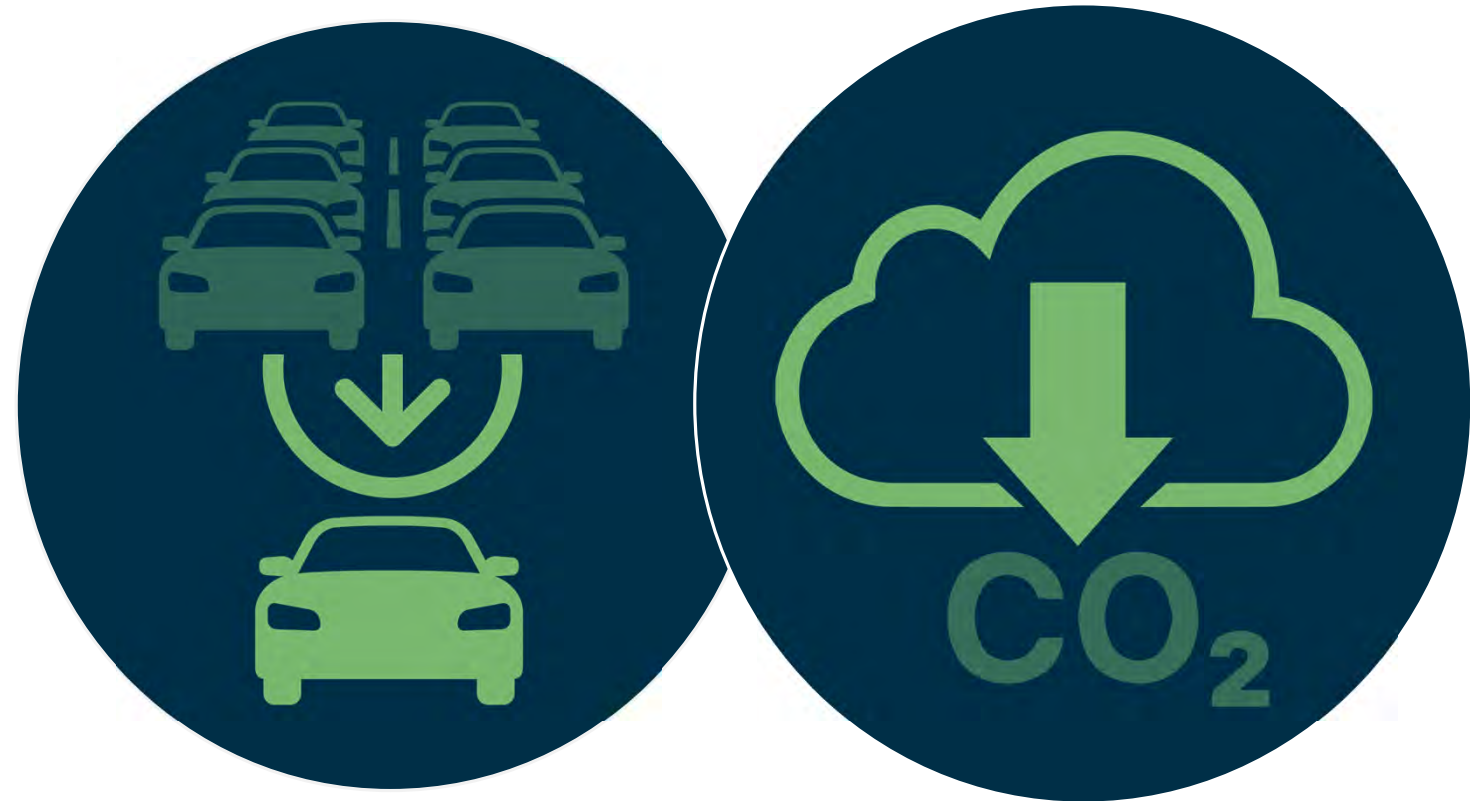
Jamila Owens  
July 20, 2023

# What is the TDM Workgroup?



# Workgroup Focus

- We can build it. Doesn't mean we will use it.
- TDM – Focuses not on what we build, but how we get people to use what we have more efficiently
- Improve the Environment, Economy, Quality of Life, Access to Jobs, Education





# *Managing Demand - Travel Behavior*

Shift Modes

Shift Time

Shift Route

Information

Incentives

Disincentives



TDM Strategies	
<b>Trip Choice</b>	Telecommuting
	Rideshare
	Car share
	Guaranteed ride home
	Alternative work hours
	Transportation management associations
	Commuter travel options material (Commuter Solutions)
<b>Education</b>	Alternative mode event promo
	Bicycle / Pedestrian educational material
	Regional excise tax
<b>Legislative Pricing</b>	Congestion pricing
	Carbon pricing tax
	Emissions-based registration fee
	Pay-as-you-drive insurance
	Traditional toll lanes
<b>Congestion Tolling</b>	High-occupancy toll lanes
	Preferential parking
<b>Parking Management</b>	Dynamic parking pricing



## ***Workgroup Goals***

- Provide Guidance for Regional TDM Efforts
- Learn and Share Best Practices
- Opportunities to Coordinate/Collaborate
- *Local Governments, Nonprofits, Employers, Transportation Providers*





***If Interested, Please Contact:***

Andrew DeCandis, Manager, [Andrew.DeCandis@h-gac.com](mailto:Andrew.DeCandis@h-gac.com)

Jamila Owens, Manager, [jamila.owens@h-gac.com](mailto:jamila.owens@h-gac.com)

***Thank You!***



# ***Item 8: Commuter Solutions Summer Update***

Ped/Bike Subcommittee Meeting

Emanuel Andrews

July 20, 2023



# Commute Solutions Month

- **Mark Your Calendars - September 2023**
  - Outreach Campaign to Commuters
  - Educational Opportunities for Commuters and Organizations
  
- **Help Us Celebrate**
  - Become a Commute Solutions Partner Agency/Organization
    - Affiliate Partner - share information we send throughout the year)
  
    - Signature Partner – we act as additional staff to provide custom marketing campaigns, etc.)
  
    - BOTH ARE FREE!
  
  - Declare September as Commute Solutions Month!

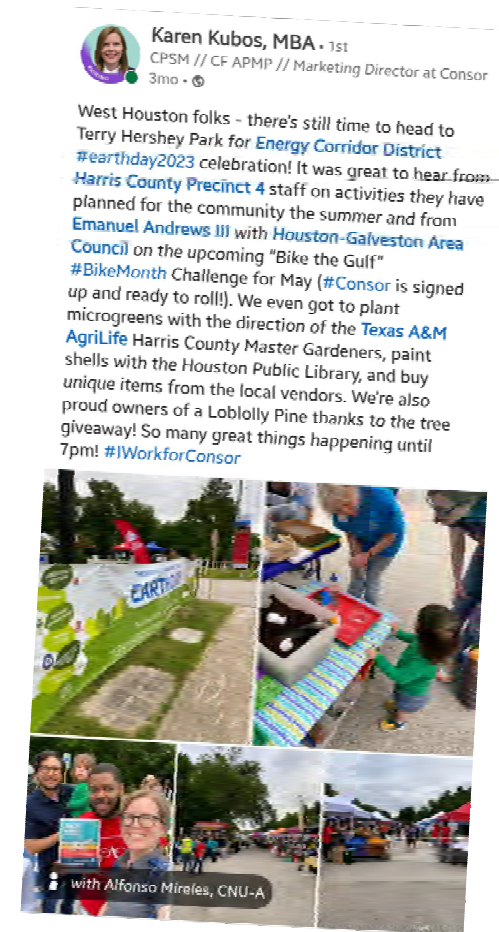


# ***Bike the Gulf Encouragement Campaign Review***

- Year-long
- Partnership with Love to Ride
- Two Campaigns
  - National Bike Month – May 2023
  - Biketober – October 2023
    - Opportunity to partner to celebrate and encourage the connection between bike and transit
      - Celebrate those who bike to bus
      - Highlight your own bike facilities (racks, on bus storage, etc.)
      - Celebrate employees who bike to work, or clients who bike anywhere
      - Use this as a challenge at your workplace (work-life balance initiative)

# Bike the Gulf – May 2023 Bike Month Recap

- Love to Ride Outreach
  - Calls and Emails
  - Commute Solutions Partners
  - City Administration
  - Bike shops/groups/clubs/organizations
  - Workplaces throughout the 8-county region
  - Steering Committee



# Bike Month Challenge Stats

## THE BIKE MONTH CHALLENGE 2023

42 WORKPLACES

292 RIDERS

32 NEW RIDERS

37,663 MILES

3,512 TRIPS

3,574 LB CO2



# Bike Month Challenge Top Workplaces by Staff Size

 **Alfonso Mireles, CNU-A** · 1st  
Planner/Senior CADD Manager at CONSOR...  
6d · 🌐

🚲🏆 Exciting news! Consor's Houston office won the Bike the Gulf Bike Month challenge (50 to 199 staff)! 🎉👏

Huge thanks to our amazing team for their contributions! With 26% of staff going the extra mile (literally and figuratively), our team biked more than 400 miles in May, and we had many new riders gain skills and confidence as we worked together to reach our goal. 🌍👏

This achievement showcases the [#Conzor](#) spirit of adventure and commitment to health, well-being, and sustainability. Special thanks to [Houston-Galveston Area Council](#), [Commuter Solutions](#), [BikeHouston](#), [Connect Smart](#), and [Love to Ride](#) for sponsoring this initiative!



Here's to gearing up for Biketober! Every pedal stroke brings us closer to a greener future. 🌱🚲

[#BikeTheGulf](#) [#IWorkforConzor](#) [#Teamwork](#)  
[CONSOR Engineers](#)

Kudos to [Sandeep Patil](#), [Zina Schwartz](#), [Karen Kubos, MBA](#), [Kimberly Cuellar](#), [Kishore Juluru](#), [Tilak Sumir Kumar](#), [Saritha Padhirae](#), [Judith Rose](#), [Manuel DeLuna](#), [Karla Washington](#), [Lauren Fisher](#), [Johanna Schipperijn](#), [SriramReddy Mulagomdla](#), [Ryan DeLaRosa, PE](#) and the others that made it happen!

- NASA Johnson Space Center(2000+)
- University of Houston-Downtown (500-1999)
- H-GAC (200-499)
- Consor (50-199)
- Houston Parks Board (20-49)
- EaDo Bike Co (7-19)
- Tour de Brewery (1-6)

# Biketober

- October 1-31, 2023
- Fall workplace challenge
- Points earned for every mile and day ridden
- Top prize: \$4,000 vacation package

**BIKETOBER**  
DEL 1 AL 31 DE OCTUBRE DE 2023

>>> Pedalea donde quieras, cuando quieras >>> Gana premios por montar en bici  
>>> Todo el mundo es bienvenido >>> Únete al movimiento para conseguir que más gente monte en bici y sonría

Inscríbete GRATIS en [lovetoride.net/bikethegulf](https://lovetoride.net/bikethegulf)

Commuter Solutions LOVE TO RIDE  
connect@smart EN BIKEHOUSTON

October 1 - 31, 2023

Register for FREE at [lovetoride.net/bikethegulf](https://lovetoride.net/bikethegulf)

Commuter Solutions LOVE TO RIDE  
connect@smart EN BIKEHOUSTON

**BIKETOBER**





## Steering Committee

- City of Liberty
- City of Dayton
- East End MD
- City of Cleveland
- City of Sugar Land
- Harris County Office of County Admin
- Mont Belvieu
- Harris County Precinct 1
- H-GAC
- NASA Johnson Space Center
- Rice University
- Bike Houston
- Greater Northside MD
- West Houston Association
- Bike the Woodlands Coalition
- City of Houston
- TXDOT
- ConnectSmart
- Love to Ride
- Gear Monkey



***Thoughts? Questions?***

Emanuel Andrews, Sr. Program Coordinator

Outreach areas: Brazoria, Chambers, non-CBD Harris, Liberty

Francis Rodriguez, Sr. Program Coordinator

Outreach areas: Fort Bend, Galveston, Harris CBD, Montgomery, Waller

Jamila Owens, Manager

***Thank You!***

# Citizens' Transportation Coalition & AARP Houston



## Item 9: Washington Avenue Walk Audit Project



# **AARP Livable Communities Grantee Awardee**

- **Micro Grant to Conduct Kickstart Walk Audits in Houston (\$2,500)**
- **Washington Avenue Parking Benefit District Additional Matching Funds (2,500)**
- **Washington Avenue Corridor is Perfect Candidate**
  - Major Thorough Route
  - Surrounded by Apartments, Residential Communities, and Commercial “Got To” Places
  - Walkability and Traffic Safety Can Be Improved



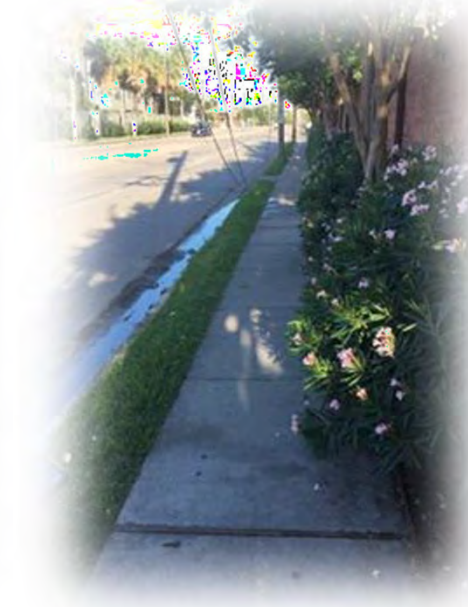
## Our Objectives:

- **Introduce Everyone To The Walk Audit Process**
  - Our Problem
  - The Vision
  - The Process
- **Demonstrate How To Document The Following:**
  - Sidewalks Conditions
  - Crosswalks Conditions
  - Traffic Signaling
  - Hazards
  - Driver/Pedestrian Behavior
- **Develop A Walk Audit Report For Use In A Future Houston Sidewalk/Pedestrian Plan Proposal**

**Support Houston's Vision Zero Goal for a Sidewalk Plan**

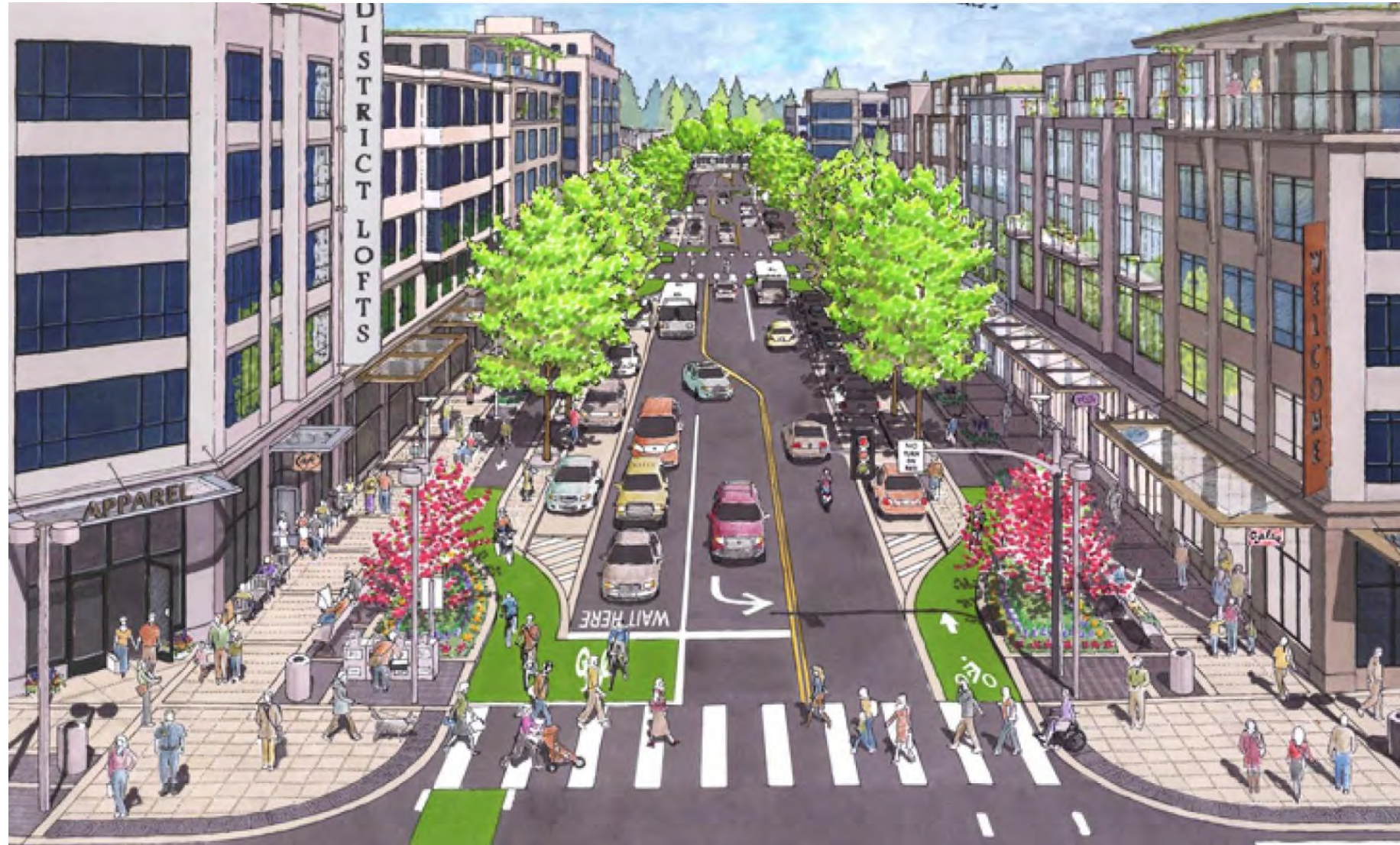


# Our Problem





# Greater Houston Coalition For Complete Streets - Vision



**Make our Streets Safe For All Users, For All  
Modes of Transportation/Transit  
& Safe for All Ages**



- **Our Vision: A City Wide Sidewalk Plan That Promotes Walkability, Safety, And Mobility For All Ages**
- **Our Goal: Present the City Public Works & Planning Staffs with the data necessary to develop a Sidewalk Plan**
- **Our Objectives**
  - Determine the current condition of our sidewalks citywide
  - Conduct Community Sidewalk Audits
    - Super Neighborhoods
    - Civic Clubs
  - Produce a Sidewalk Audit Report for Delivery to City Of Houston Planning Dept
  - Work with Public Works & Planning Staffs to Design Walkable Sidewalks & Crosswalks
  - Support Houston's Vision Zero Goals – Zero Traffic Fatalities By 2030

## Produce a Walk Audit Report





# The Walk Audit Process

## What are We Looking at?



[Brooklyn Eagle](#)

**\*Crossing Streets and Intersections**



[deborahsdescendants.com](#)

**\*Driver Behavior**

**\*Sidewalk Conditions**



**\*Safety**



[Davis Enterprises](#)

**\*Comfort and Appeal**



[Latimes.com](#)

**\*Ratings and Observations**



# How We are Executing our Walk Audits

## What to Bring

- Smart Phone/Smart Tablet (Cellular Enabled) – **Location Services Activated**
- Map of the Walking Route
- Comfortable Footwear
- Bright Clothing (Walk Auditors Should Be Seen and Not Hit!)
- Beverage/Snack
- Hat/Sunscreen/Sunglasses

## CTC & AARP are Providing the Following:

- Cellular Enabled Smart Tablet (1 per Team)
- Metal Water Bottle (Empty – Yours to Keep)
- Portable Battery Powered Fan – Yours to Keep
- Drawstring Bag/AARP Hat/AARP Pen/CTC Pen - Yours to Keep
- Wrist Flashers - Yours to Keep
- Beverage & Energy Bar
- Safety Vest





- **Meet at Predetermined Location & Time**
  - July 1st (Camp Logan CC) - 6625 Westcott (Baseball Softball Superstore) @ 8:30 a.m.
  - July 8<sup>th</sup> (RMCC) – 6001 Washington Ave (Yellow Cup Café) @ 8:30 a.m.
  - July 15<sup>th</sup> (RMCC) – 5501 Washington Ave (Amish Craftsman) @ 8:30 a.m.
  - July 16<sup>th</sup> West End CC – HEB Buffalo Heights
  - July 22<sup>nd</sup> West End CC – HEB Buffalo Heights
  - July 29<sup>th</sup>, August 5<sup>th</sup>, August 12<sup>th</sup>, August 19<sup>th</sup>, August 26<sup>th</sup>
- **Review the Process**
  - Safety Issues
  - Map of Walk Audit Area
  - Start/Finish Times
- **Form Teams**
- **Enable [Google Survey Forms Link](#) on Smart Device (Phone/Tablet)**
- **Assessment Areas**
  - Crossing Streets and Intersections (Including Wait Times at Traffic Lights)
  - Sidewalk Conditions
  - Bus Stops & Shelters
  - Driver Behavior
  - Safety
  - Comfort and Appeal
  - Ratings and Observations



- **4-Member Teams (+ Invited Guests)**
  - **Team Leader/Route Manager/Timekeeper**
  - **Spotter (s)**
  - **Recorder/Videographer**
  - **Safety Manager**

**Walking/Observations/Photos/Videos/**



# Walk Audit Training Using The AARP Walk Audit Toolkit



**AARP**  
**Walk Audit Tool Kit** A self-service guide for assessing a community's walkability

Worksheets available at [AARP.org/WalkAudit](http://AARP.org/WalkAudit)

**AARP**  
**Walk Audit Tool Kit**  
A self-service guide for assessing a community's walkability

**In too many communities,** people can't safely walk to where they need or want to go due to a lack of sidewalks, crosswalks or other safety features that make streets safe for pedestrians and drivers.

**A walk audit is a simple activity** in which an individual or a team observes and evaluates the walkability of a location to document how and if pedestrians can safely travel along a street, navigate an intersection and get from point A to B, C and so on.

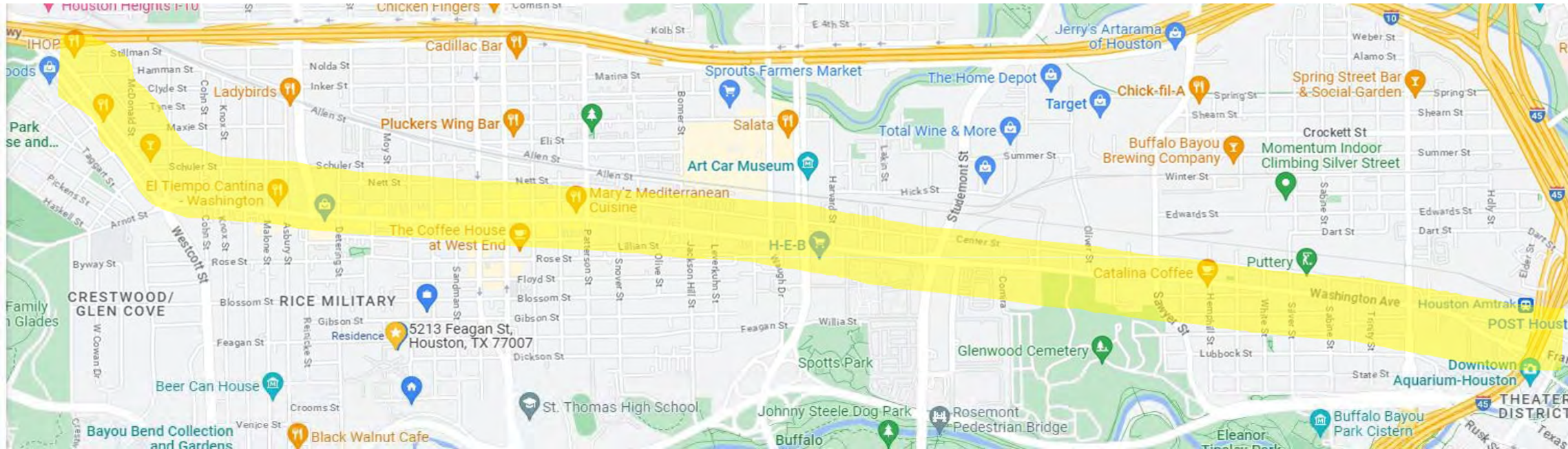
**Who can conduct a walk audit?** Anyone!

The **AARP Walk Audit Tool Kit** can be used by local leaders, advocates, community organizations and residents to ...

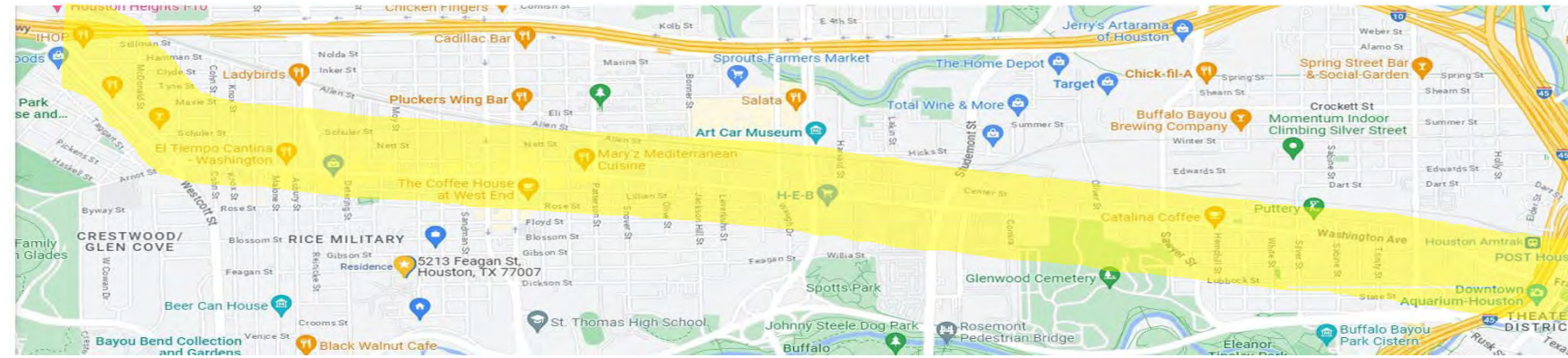
- enable people to get around without having to drive
- help reduce traffic congestion and pollution
- inspire the development of pedestrian-friendly streets
- increase exercise opportunities for people of all ages
- gather input about community infrastructure needs
- educate residents about street design elements that support safety
- encourage social interactions among neighbors
- give a boost to property values
- empower community leaders and residents to be the agents of needed change

The **AARP Walk Audit Tool Kit** is free and available for download or order. Visit [AARP.org/WalkAudit](http://AARP.org/WalkAudit).

D20381



- 10 walk Along Washington Avenue from 1 July – 26 August
- Recruit older volunteers, students, and residents from the affected civic clubs and Super Neighborhoods for the audits.
- Community meetings with walk audit participants, residents, business owners and the City Planners & Transit Managers to discuss the results of the walk audits and how to incorporate results in future planning.



### Super Neighborhood 22 Transportation Committee/Tentative Walk Audit Dates

Segment	Length (RT)	Description	Date	Time	Duration	Requirements/Homework
1	1 Mile	I-10 @Washington/Westcott – Washington Avenue Circle	1-Jul	8:30 a.m.	90 Minutes	<p><b><a href="#">Review AARP Walk Audit Toolkit</a></b>  <a href="https://www.aarp.org/content/dam/aarp/livable-communities/getting-around/2022/AARP%20Walk%20Audit%20Tool%20Kit-singles-1302023.pdf">https://www.aarp.org/content/dam/aarp/livable-communities/getting-around/2022/AARP%20Walk%20Audit%20Tool%20Kit-singles-1302023.pdf</a></p> <p><b><a href="#">Review AARP Walk Audit Worksheets</a></b>  <a href="https://www.aarp.org/content/dam/aarp/livable-communities/getting-around/2022/walk-audit-worksheets-english/Walk%20Audit%20Worksheets%20Collection-fillable.pdf">https://www.aarp.org/content/dam/aarp/livable-communities/getting-around/2022/walk-audit-worksheets-english/Walk%20Audit%20Worksheets%20Collection-fillable.pdf</a></p> <p><b><a href="#">Review Eastern Mich U. Walk Audit Video</a></b>  <a href="https://youtu.be/XLOONWLsEb8">https://youtu.be/XLOONWLsEb8</a></p>
2	1 Mile	Washington Avenue Circle – TC Jester St	8-Jul	8:30 a.m.	90 Minutes	
3	1 Mile	TC Jester St – Shepherd Dr	15-Jul	8:30 a.m.	90 Minutes	
4	1 Mile	Shepherd Dr – Jackson Hill	16-Jul	8:30 a.m.	90 Minutes	
5	.6 Mile	Jackson Hill – Heights Blvd	22-Jul	8:30 a.m.	90 Minutes	
6	.6 Mile	Heights Blvd – Studemont St	29-Jul	8:30 a.m.	90 Minutes	
7	1 Mile	Studemont St – Sawyer St	5-Aug	8:30 a.m.	90 Minutes	
8	.6 Mile	Sawyer St – Silver St	12-Aug	8:30 a.m.	90 Minutes	
9	.6 Mile	Silver St – Houston Avenue	19-Aug	8:30 a.m.	90 Minutes	
10	1 Mile	Houston Avenue – Bagby St	26-Aug	8:30 a.m.	90 Minutes	

Super Neighborhood 22 Transportation Committee/Walk Audit Training Dates				
Date	Time	Duration	Location	Requirements/Homework
21-Jun	6:30 P.M.	90 Minutes	Zoom	<p><a href="#"><u>Review AARP Walk Audit Toolkit</u></a></p> <p><a href="https://www.aarp.org/content/dam/aarp/livable-communities/getting-around/2022/AARP%20Walk%20Audit%20Tool%20Kit-singles-1302023.pdf"><u>https://www.aarp.org/content/dam/aarp/livable-communities/getting-around/2022/AARP%20Walk%20Audit%20Tool%20Kit-singles-1302023.pdf</u></a></p> <p><a href="#"><u>Review AARP Walk Audit Worksheets</u></a></p> <p><a href="https://www.aarp.org/content/dam/aarp/livable-communities/getting-around/2022/walk-audit-worksheets-"><u>https://www.aarp.org/content/dam/aarp/livable-communities/getting-around/2022/walk-audit-worksheets-</u></a></p>
28-Jun	6:30 P.M.	90 Minutes	Zoom	
10-Jul	6:30 P.M.	30 Minutes	WG CC	
12-Jul	6:30 P.M.	90 Minutes	Zoom	
13-Jul	6:30 P.M.	20 Minutes	West End CC	
26-Jul	6:30 P.M.	90 Minutes	Zoom	
9-Aug	6:30 P.M.	90 Minutes	Zoom	
23-Aug	6:30 P.M.	90 Minutes	Zoom	

Volunteers for Walk Audit Needed: [Handydexter@gmail.com](mailto:Handydexter@gmail.com)  
 Dexter Handy, Chair CTC/Chair GHCCS Steering Committee/SN 22 Vice President





# Links to Walk Audit Tools:

[Walk Audit Training Video \(Citizens' Transportation Coalition\)](#)

[Walk Audit Training Video \(Easter Michigan University\)](#)

[AARP Walk Audit Toolkit \(Downloadable\)](#)

[\*\*CTC Walk Audit Survey Form Link to Your Desktop or Smartphone\*\*](#)

[CTC Google My Maps Walk Audit Results Display](#)

[CTC Washington Avenue Walk Audit Signup Form](#)



# Volunteer Status

- Over 30 Volunteers to date
- Average # of Participants per Walk Audit – 10
- Length of Time to Complete Each Walk Audit – 1 Hour



# Camp Logan CC Walk Audit – 1 July



# Rice Military CC Walk Audit – 8, 15 July



GREATER HOUSTON  
COMPLETE STREETS  
COALITION



# West End CC Walk Audit – 16 July



HOUSTON  
VISION ZERO  
OUR STREETS • OUR LIVES • OUR COMMITMENT



## Washington Avenue Walk Audit

The goal of the Walk Audit is to document the walkability conditions along the streets, sidewalks, crosswalks, intersections, and public transit stops in the City of Houston, and provide a Citizens' Walk Audit Report to the City of Houston Planning Department. By completing and submitting this form, you will be contributing to safer walkability in our community.

### Photo of Sidewalk or Crosswalk/Intersection \*

Please title image or video file with block number or address number and street name.

Add file

View folder

### Address/Zip Code Data

In the 3 Areas Below, Please include the Address Number (or Block Number), Street, and Zip Code. This is necessary for exporting the information to our Mapping App.

#### Address or Block Number \*

Short answer text

#### Street Name \*

Short answer text

#### Zip Code \*





## Washington Avenue Walk Audit - Non Gmail Accounts

The goal of the Walk Audit is to document the walkability conditions along the streets, sidewalks, crosswalks, intersections, and public transit stops in the City of Houston, and provide a Citizens' Walk Audit Report to the City of Houston Planning Department. By completing and submitting this form, you will be contributing to safer walkability in our community.

### Take a Photo

Before you complete this survey, please make certain your cell phone/tablet has **Location Services Enabled**. Then, take a photo of the sidewalk/crosswalk. When you have the opportunity, email this and any other images to [chair@ctchouston.org](mailto:chair@ctchouston.org).

Has a Photo Been Taken?

- Yes
- No

### Address/Zip Code Data

In the 3 Areas Below, Please include the Address Number (or Block Number), Street, and Zip Code. This is necessary for exporting the information to our Mapping App.

#### Address or Block Number \*

Short answer text

#### Street Name \*

Short answer text

#### Zip Code \*





**Sidewalk Location**

- North Side of Street
- South Side of Street
- East Side of Street
- West Side of Street

**Date and Time (Optional)**

Short answer text

---





**Sidewalk width (inches).** If no sidewalk enter 0 \*

Short answer text

**Width of buffer between sidewalk & curb (inches).** If no buffer, 0

Short answer text

**This area (block or address) has these CONCERNS:**

- Repairs Needed: Cracked/Broken Sidewalk
- Obstructions in the Walk Path (Hydrants or Utility Poles)
- Dirt, Glass, Mud, Puddles on the Walking Path
- Obstructions in the Walk Path: Trees or Vegetation
- Uneven Surface or Tripping Hazards
- Sidewalk in need of general maintenance: dirt, glass, mud, puddles on walking path
- Other Concerns
- Other...



This area (block or address) has these CONCERNS:

- Repairs Needed: Cracked/Broken Sidewalk
- Obstructions in the Walk Path (Hydrants or Utility Poles)
- Dirt, Glass, Mud, Puddles on the Walking Path
- Obstructions in the Walk Path: Trees or Vegetation
- Uneven Surface or Tripping Hazards
- Sidewalk in need of general maintenance: dirt, glass, mud, puddles on walking path
- Other Concerns
- Other...



**This area (block or address) has these POSITIVE CHARACTERISTICS:**

- Sidewalk in good condition most of the block
- Sidewalk in good condition ALL of the block
- Shade trees along some of the walking path
- Shade trees along ALL of the walking path
- Walking path feels adequate and comfortable
- Other...



**This INTERSECTION has these POSITIVE CHARACTERISTICS:**

- Has traffic lights and/or stop signs at intersections and crossings
- The traffic lights and/or stop signs are clearly visible to drivers and pedestrians
- Has crosswalks
- The crosswalks are well marked and clearly visible to drivers and pedestrians
- Has a curb cut ramp (for use by wheelchairs, baby strollers, etc.)
- Has tactile ground surface indicators
- Has signage alerting drivers to the presence of pedestrians (or bicyclists)
- Has a designated bicycle lane
- Has a pedestrian crossing signal or beacon (if yes, complete the next section)

**Pedestrians Wait Time for a traffic light (Seconds)**

Short answer text

---



### **Other Defects and/or Recommended Street Enhancements**

Long answer text

---

### **Recommend Sidewalk Enhancements**

Long answer text

---



**Safe walkability of area/intersection based on findings above**

- Great
- Acceptable
- Mixed
- Poor

**Overall Appeal of the Area as a Place to Walk**

- Great
- Acceptable
- Mixed
- Poor



# SUPERNEIGHBORHOOD 22

## Findings

- 4/10 Surveys Completed
- 300+ Images Captured & Uploaded to Cloud
- Still Tabulating # of Issues Identified (Multiple Issues Per Image/Block)

Washington Avenue Walk Audit #1

File Edit View Insert Format Data Tools Extensions Help

75% 123 Default... 10

B1:Q4 Photo of Sidewalk or Crosswalk/Intersection

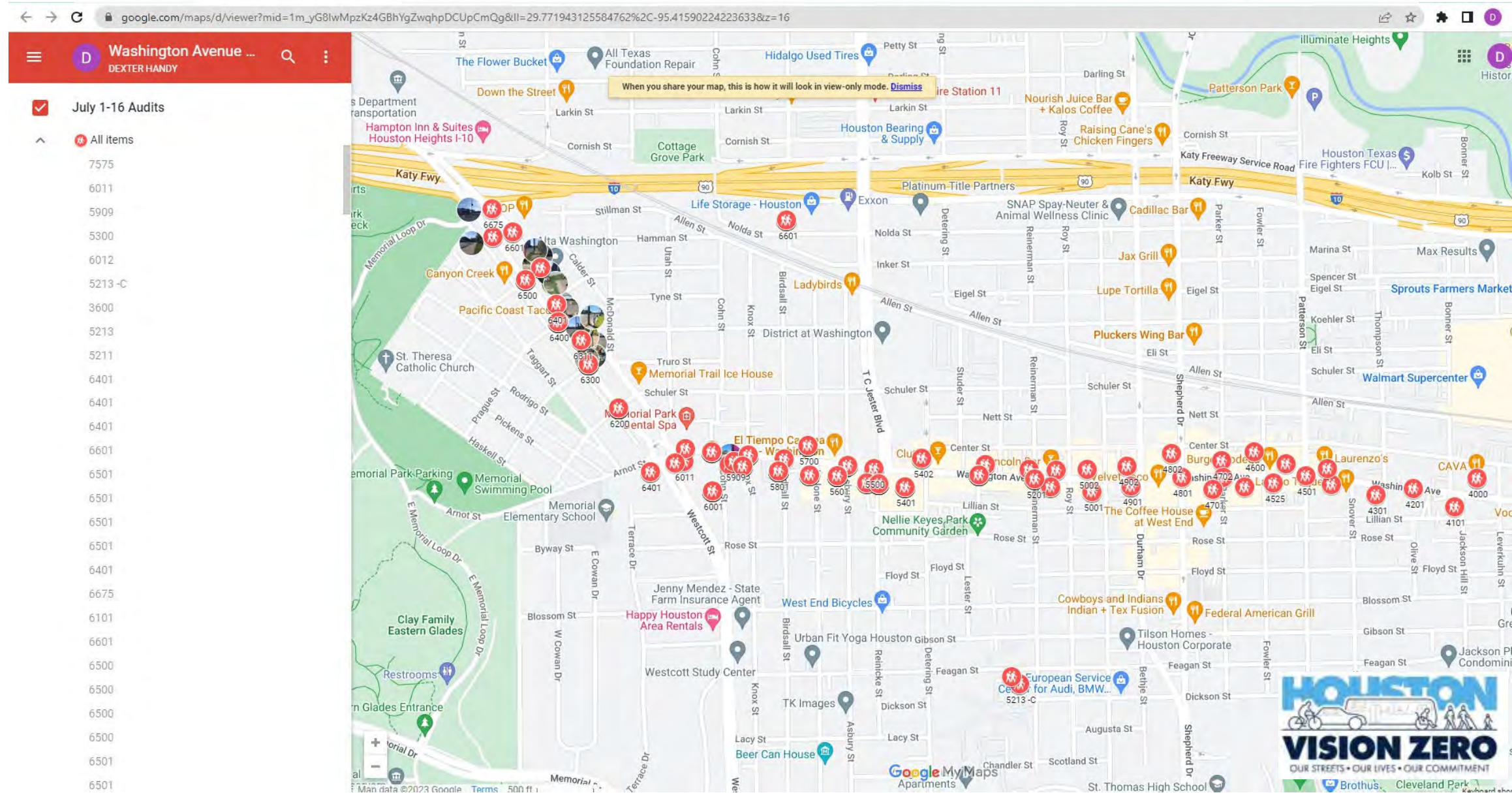
	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	Photo of Sidewalk or Crosswalk/Intersection Before you complete this survey, please make certain your cell phone/tablet has Location Services Enabled. Then, take a photo of the sidewalk/crosswalk.	Address Number or Block Number	Street Name	Zip Code	Sidewalk Location	Date - Time (Optional)	Sidewalk width (inches). If no sidewalk enter 0	Width of buffer between sidewalk & curb (inches). If no buffer, 0	This area (block or address) has these CONCERNS:	This area (block or address) has these POSITIVE CHARACTERISTIC S:	This INTERSECTION has these POSITIVE CHARACTERISTIC S:	Pedestrians Wait Time for a traffic light (Seconds)	Other Defects and/or Recommended Street Enhancements	Recommend Sidewalk Enhancements	Safe walkability of area/intersection based on findings above	Overall Appeal of the Area as a Place to Walk
10	image - CTC-01 User.jpg	5211	Feagan	77007	South Side of Street	7/1/2023	36	36		Sidewalk in good condition most of the block. Walking path feels adequate and comfortable	Has a curb cut ramp (for use by wheelchairs, baby strollers, etc.)		Width varies along the block		Great	Great
11	Washington-Westcott@ I-10	6401	Wescott St	77007	South Side of Street	7/1/2023	0	0	No sidewalk		Other				Mixed	Mixed
12	Washington-Westcott@ I-10	6401	Wescott St	77007	South Side of Street	7/1/2023	0	0	No Side walk	None	Other	None			Poor	Poor
13	Washington-Westcott@ I-10	6401	Wescott St	77007	South Side of Street	7/1/2023	0	0	No sidewalk	None		N/A	Add sidewalk on south/west side of the street		Poor	Poor
14	Washington-Westcott@ I-10	6601	Wescott St	77007	West Side of Street	7/1/2023	0	0					Remove slip lane		Poor	Poor
15	6500 Westcott St	6501	Wescott St	77007	West Side of Street	7/1/2023	48	144	Repairs Needed: Cracked/Broken Sidewalk, Obstructions in the Walk Path: Trees or Vegetation, Does not connect across Westcott	There is some sidewalk and it has a large buffer.			Connect sidewalk and crosswalk needed. Add missing sections.		Mixed	Mixed
16	6500 Westcott St	6501	Wescott St	77007	West Side of Street	7/1/2023	48	144	Repairs Needed: Cracked/Broken Sidewalk, Obstructions in the Walk Path: Trees or Vegetation, Does not connect across Westcott	There is some sidewalk and it has a large buffer.			Connect sidewalk and crosswalk needed. Add missing sections.		Mixed	Mixed
17	6500 Westcott St	6501	Wescott St	77007	West Side of Street	7/1/2023	48	144	Repairs Needed: Cracked/Broken Sidewalk, Obstructions in the Walk Path: Trees or Vegetation, Does not connect across Westcott	There is some sidewalk and it has a large buffer.			Connect sidewalk and crosswalk needed. Add missing sections.		Mixed	Mixed
18	6500 Westcott St	6501	Wescott St	77007	West Side of Street	7/1/2023	48	144	Repairs Needed: Cracked/Broken Sidewalk, Obstructions in the Walk Path: Trees or Vegetation, Does not connect across Westcott	There is some sidewalk and it has a large buffer.			Connect sidewalk and crosswalk needed. Add missing sections.		Mixed	Mixed
19	6400 Washington Ave	6401	Washington	77007	South Side of Street	7/1/2023	36	0		Sidewalk in good condition most of the block.	Has tactile ground surface indicators				Great	Great





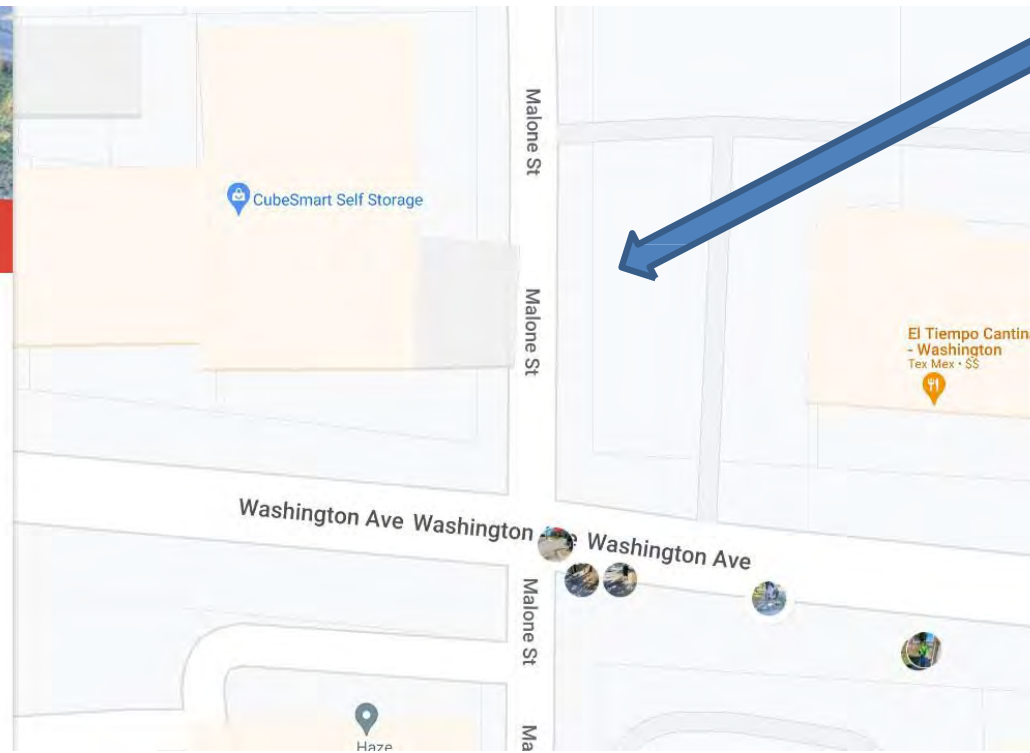
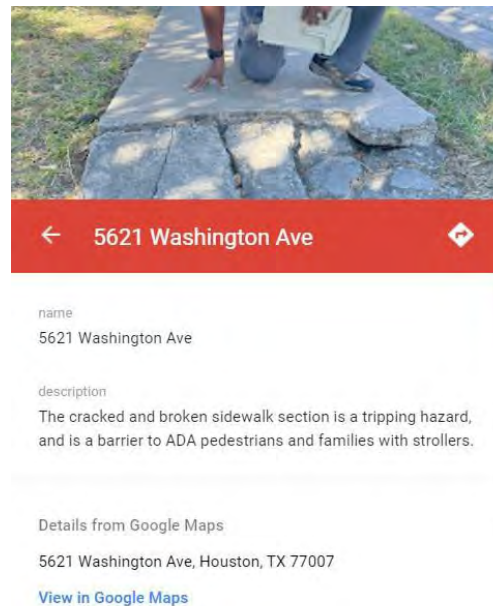
## Washington Avenue Walk Audit Coverage to Date

- 4/10 Surveys Completed
- 300+ Images Captured & Uploaded to Cloud
- Still Tabulating # of Issues Identified (Multiple Issues Per Image/Block)



## Washington Avenue Walk Audit Smart Phone/Tablet Tool Kit Status

- Google Form Design – Done
- Google Sheets Portability – Done
- Google “My Maps Portability - Done





# Summary



## Our Objectives:

- **Introduce Everyone To The Walk Audit Process**
  - **Our Problem**
  - **The Vision**
  - **The Process**
- **Demonstrate How To Document The Following:**
  - **Sidewalks Conditions**
  - **Crosswalks Conditions**
  - **Traffic Signaling**
  - **Hazards**
  - **Driver/Pedestrian Behavior**
- **Develop A Walk Audit Report For Use In A Future Houston Sidewalk/Pedestrian Plan Proposal**



# Acknowledgements (THANK YOU!)



Contact: [CHAIR@CTCHOUSTON.ORG](mailto:CHAIR@CTCHOUSTON.ORG)



# 10. Planned Ped Bike Activities Roundtable



# 11. Upcoming Meetings

- Next Quarterly Ped/Bike Subcommittee Meeting
  - Thursday, October 19, 2023 at 9:30 a.m.



# 12. Adjourn

