

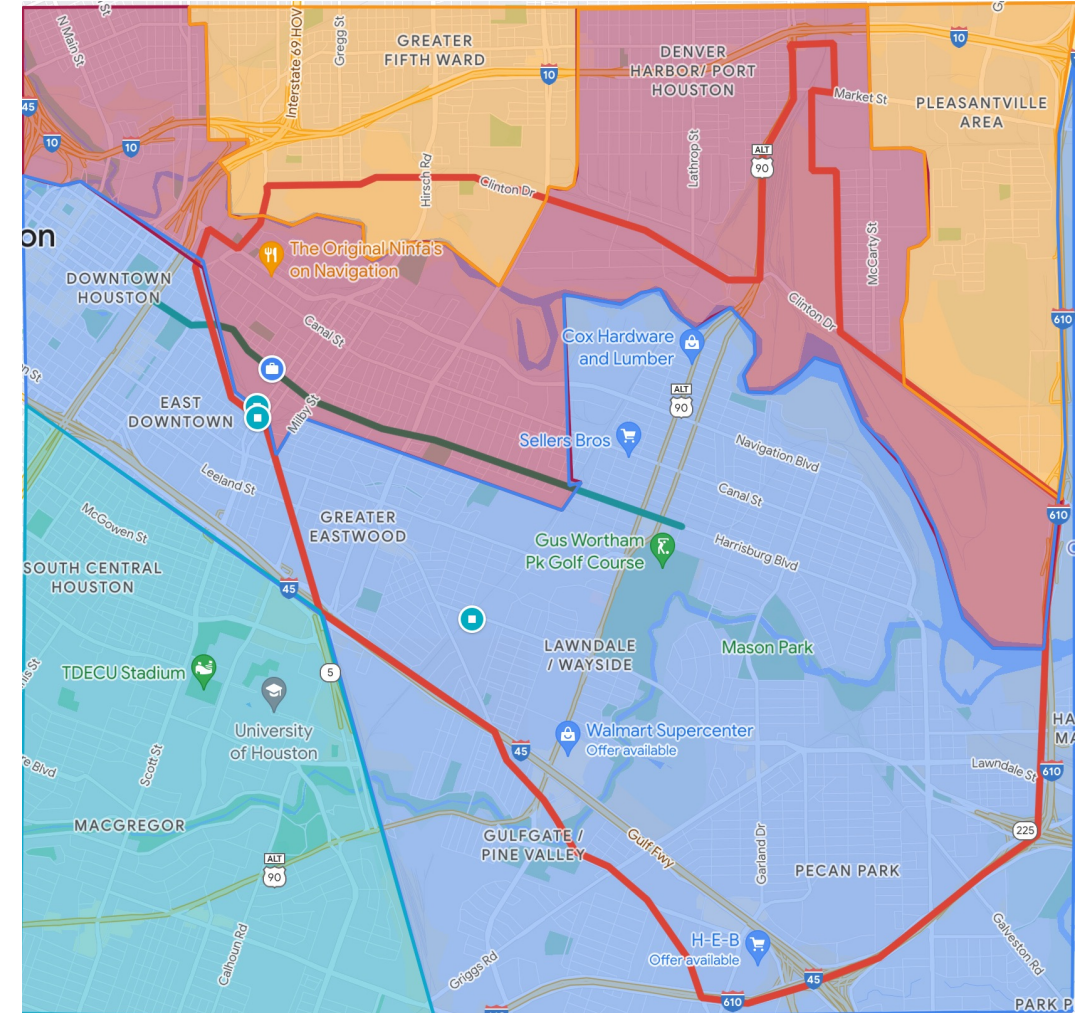
Rail Safety Taskforce
March 2024



Jack C. Hanagriff, Manager
Road & Rail Safety Program
East End District

East End Focused

- Continue to identify needs and address concerns related to Transportation Safety, specific to railroad operations in the East End and adjoining communities.
- Identify other road safety and mobility concerns within the East Houston area



Rail Corridor Collaborative

- Facilitating Monthly Calls with Four Railroads
- March 2024, Quarterly Check in with FRA

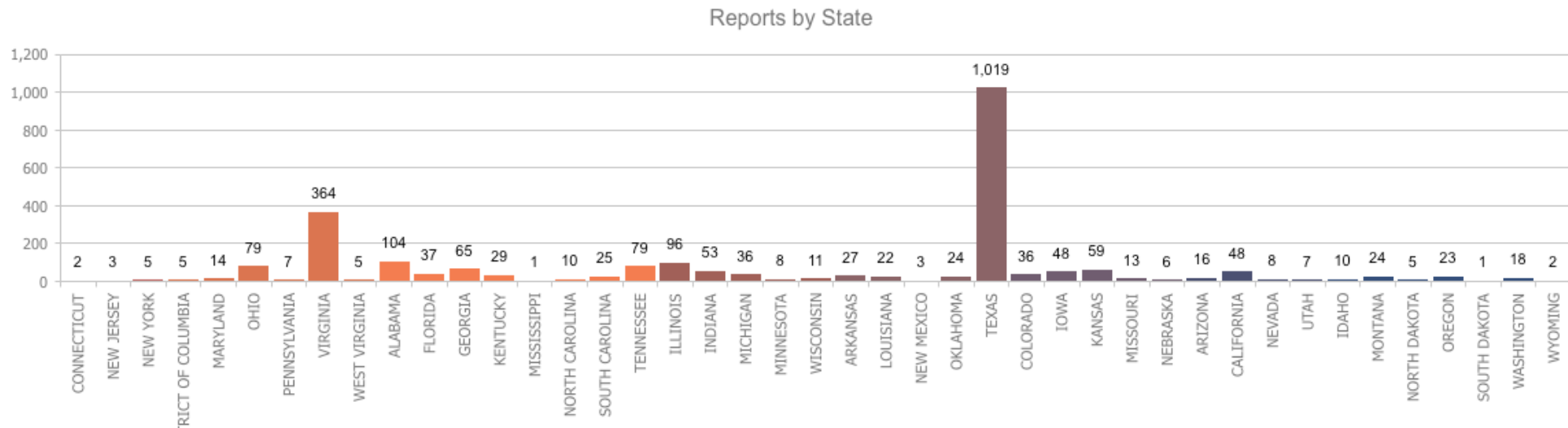
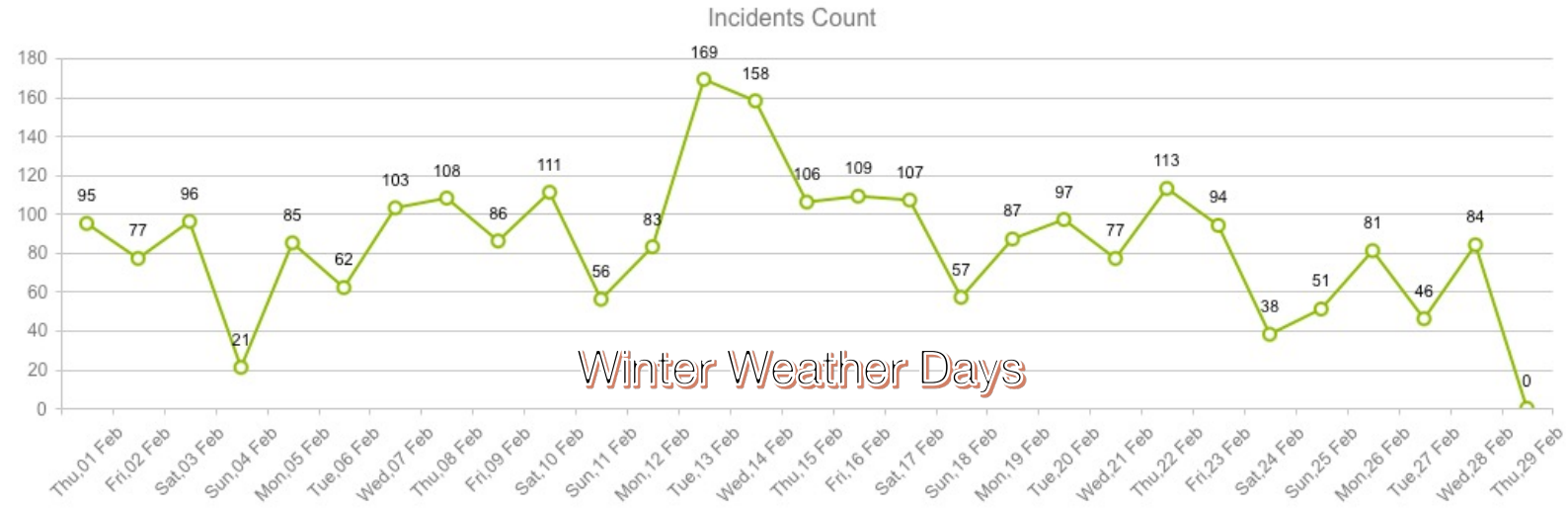
Union Pacific Railroad provided the following related to Stopped Train Events:

- Completing two large Maintenance Projects that required trains to be diverted into other parts of Houston
- Winter Storms across the nation created a back log in commodity flow, causing rail yards to be at capacity that resulted in congestion along the corridors



National Blocked Crossing Trends

February 2024



FRA Blocked Crossing Trends (Feb 2024)

Area	Reported	Actual/by event
Houston	837	271
East End	769	227
5 th Ward	6	6
Southside	2	2
HFD	93	53

Railroad Crossing Sensor Activity

February	Daily Crossing Occupancy	Average Occupancy	Total Over 1 Hour	Longest Occupancy
Commerce Street	24	11 Minutes	12	(6 Hours) 2/25/24 @9:49 AM
Lockwood	8	17 Minutes	12	(5 Hours) 02/13/24 @6:14PM
York	21	6 Minutes	7	(4 Hours) 02/14/24 @7:05 AM
Market (5900)	27	5 Minutes	7	(5 Hours) 02/26/24 @ 10:18 PM
Polk (5400)	11	16 Minutes	19	(4 Hours) 02/17/24 @12:45 AM
Leeland/Cullen	24	11 Minutes	20	(6 Hours) 02/7/24 @2:52 AM
Hirsch Road	No Data	--	--	

January 2024	Daily Crossing Occupancy	Average Occupancy	Total Over 1 Hour	Longest Occupancy
Commerce Street	26	9 Minutes	5	(2-hours) 1/6/2024 @ 12:15 am
Lockwood	8	13 Minutes	7	(3-hours) 1/21/2024 @ 11:55:05 pm
York	12	7 Minutes	2	(1.5 Hours) 1/25/2024 @ 2:07:07 pm
Market (5900)	19	8 Minutes	13	(6 Hours) 1/21/2024 @ 10:24:10 pm
Polk (5400)	11	13 Minutes	10	(5 Hours) 1/25/2024 @ 9:58:44 pm
Leeland/Cullen	26	7 Minutes	8	(2 Hours) 1/15/2024 @ 3:20:50 pm
Hirsch Road	Off-Line			

Transportation Safety Initiatives

A collaborated effort with transportation safety organizations and academia to implement a road and rail safety awareness strategy for the East Houston Area

Current Initiatives:

- Safe Streets For All - Safety Action Plan
- US Road Assessment Program – Due by March
- Feasibility Studies – Texas A&M Institute of Industrial and Systems Engineering



East End Studies

9% of Houston Roads Account for 58% of transportation related fatalities or serious injuries

•**Star Rating for Schools** -evaluate the use of evidence-based processes to measure, manage and communicate roadway risk along primary routes to schools found within the High Injury Network

- Magnolia Park
- Pecan Park
- Second Ward

•**Traffic Conflict Toolkit** - measure needs using a safe system approach to determine if recommended changes could affect near misses before and after infrastructure/quick build

- Lockwood (Eastwood)
- Pecan Park

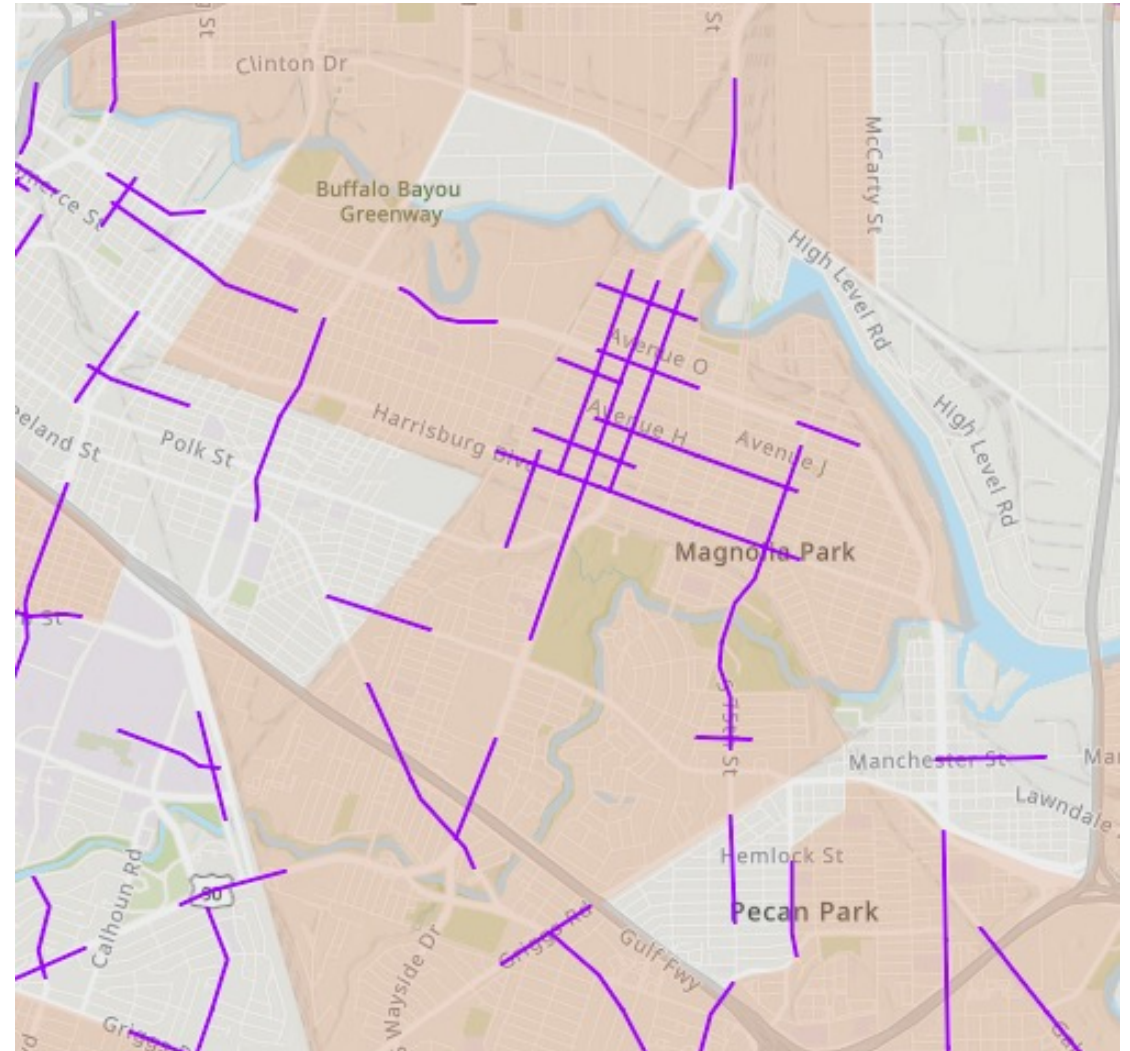
•**Safe Road Study (Smart Intersection)**-analyze the volume of crashes occurring at intersections around the Harrisburg Plaza and Coffee Plant areas and use technology to identify and evaluate the data collected. This data will also be used to measure transportation anomalies that create risk and/or contribute to a crash and determine whether the technology can be effective in alerting transportation users of potentially high-risk intersections.

- Harrisburg Plaza (6800 Harrisburg)
- Coffee Plant (3400 Harrisburg)

•**Safe People Study** – support new community/clinic programs intended to increase physical activity and wellness may also increase exposure to traffic around these health centers. By assessing transportation safety needs based on routes providers and patients take to access health care or programs.

- Magnolia Park
- Harrisburg/Manchester
- Eastwood/Lawndale

•**Alternate Route Study (Phase 2)** - use simulated traffic flow projects to expand on efforts from a previous Capstone to develop a Railroad Crossing By-Pass set of solutions to alert and guide motorists around Blocked Crossings



Safe Routes to School – Capstone Call

- Conducting Community Interviews
- March 19, 2024 (1PM – 2PM)
- Virtual Call
- Contact: Trinity@eastenddistrict.com

SafeRoutes



2024 Year

- Continue to coordinate with local railroads and the East Houston Communities to manage expectations of Stopped Train Events.
- Conduct studies for understanding secondary impacts caused by train operations and unsafe motorist/pedestrian behaviors affecting public safety and mobility.
- Continue to evaluate transportation conditions that contribute to community instability related to local business disruptions, school delays, access to clinics, and other neighborhood programs.





Thank You

Find Out More at: eastenddistrict.com

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