

No Meeting in May



Rail Safety Taskforce
May 2023

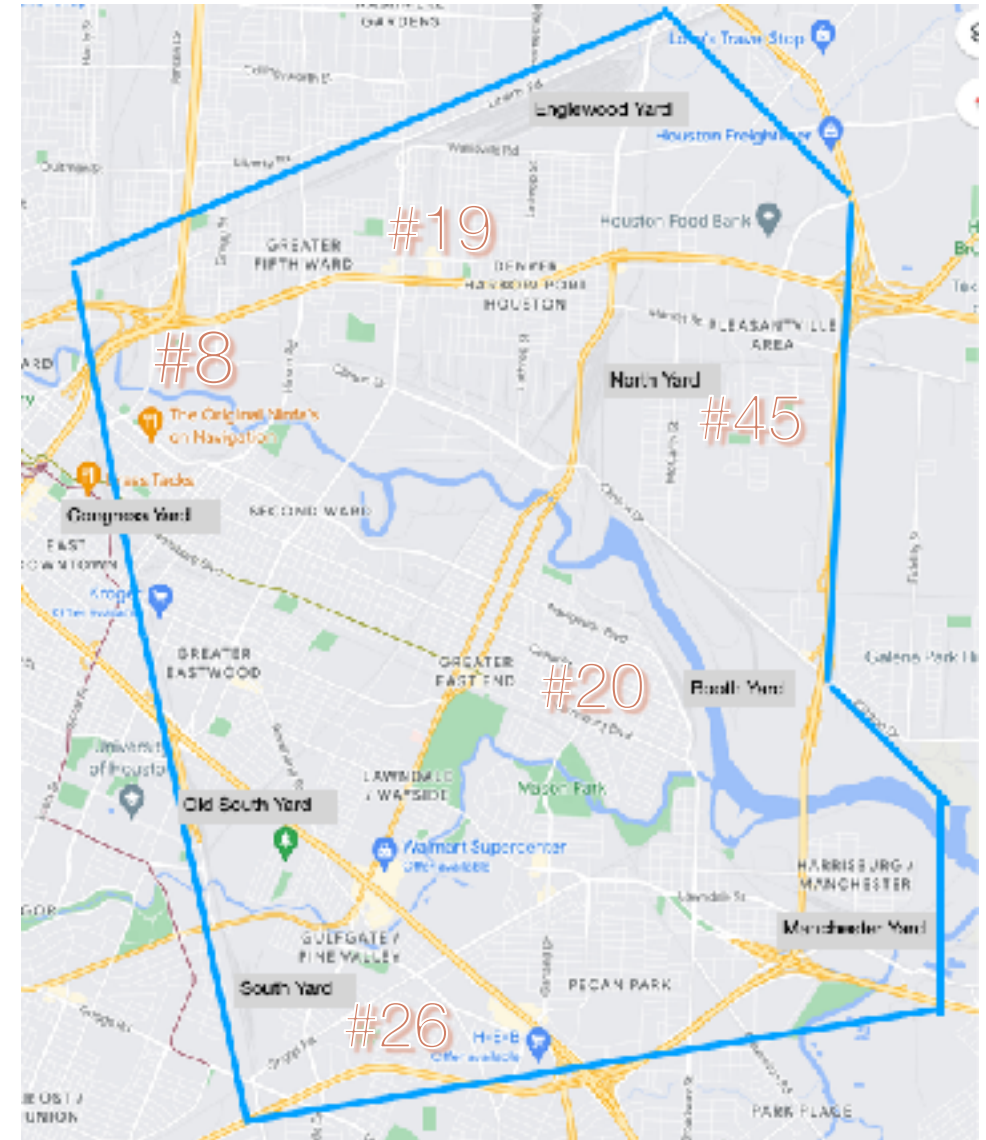
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East End District

Slides Provided to show activity for May 2023

East Houston Focus

- Continue to identify needs and address concerns related to train operations impacting quality of life in East Houston Neighborhoods
- Identify other road safety and mobility concerns within the East Houston area

Note: The Rail Safety Taskforce did not meet in May – Slides are provided to inform on activities in the EED



Railroad Crossing Sensor Activity

April 2023	Daily Occupancy over 10 minutes	Average Occupancy	# over 30 minutes	Longest Occupancy
Commerce Street	23	9 minutes	23	1.5 Hours (4/7/23 @7:29 AM –Peak)
Lockwood	7	15 Minutes	2	3 Hours (04/03/23 – 5:05 AM- Peak
York	26	5 Minutes	2	3.5 Hours (04/03/23 @4:59 AM – Non)
Market (5900)	14	21 Minutes	5	7.5 Hours (04/22/23 @9:24) - Non
Polk (5400)	17	7 Minutes	2	3 Hours (4/1/23 @8:25 PM) - Non
Leeland/Cullen	27	8 minutes	3	5 Hours (4/16/23/ @10:53 AM) - Non
Hirsch Road	7	41 Minutes	5	6 Hours (04/08/23 @5:32 AM – Non)

March 2023	Daily Occupancy over 10 minutes	Average Occupancy	Avg. Daily Blockage	Longest Occupancy
Commerce Street	22	10 minutes	4 hours	3 Hours (3/16/23) @4:04 AM - Partial
Lockwood	6	18 minutes	2 Hours	3 Hours (03/17/23) @1:36 AM –Non Peak
York	14	8 minutes	2 Hours	3 Hours (3/17/23) @ 1:33 AM – Non Peak
Market (5900)	14	16 minutes	4 Hours	3 Hours (3/2/23) @7:41 PM – Non Peak
Polk (5400)	15	10 minutes	3 Hours	5 Hours (3/31/23) @7:27 PM – Non Peak
Leeland/Cullen	26	8 minutes	4 Hours	2 Hours (3/21/23) @2:06 AM – Non Peak
Hirsch Road	In Calibration			

Emergency Services – Rail Event Notification

- UPRR will notify City of Houston Emergency Dispatch under the following conditions:
 - Critical Crossing Blocked for more than 30 minutes
 - Any Crossing Blocked for more than two-hours

Rail Safety Summit

The EED co-hosted a Rail Safety Summit with Houston-Galveston Area Council and the Federal Railroad Administration. Below are outcomes from a participant survey.

Open to anything	Rail incident response, command and control.
Risk assessment	City planning, suicide prevention initiatives
Trespass technology	Case studies on how safer issues were addressed.
Monitoring technology	Security issues involving tagging and trespassing
More personal stories.	Safety of the school busses crossing the tracks
Prevention enforcement	How it relates to education K-12 with more specifics
Smart crossing projects	So far everything I was interested in has been covered.
Grade separation planning	Methodology and resources sharing sites or advisory panels.
Blind spots at grade crossing	Different Grants in more detail to if our department could benefit
More items for the full region	More info on how everyone is communicating with the railroads to find solutions.
Not very familiar with the topic	ROW trespassing. Huge problem. Adjoining developments built with no regard for RR safety.
Rail and road safety interface.	I would like some hands on active technology. Something we can feel and touch during the breaks.
Emergency management/anti terror	Maybe some more information on how other regions with lots of trains are dealing with these issues



National League of Cities – Infrastructure Week

- Press Event – May 15, 2023 @711 Milby (Galveston Sub)

Houston Mayor Sylvester Turner and other local leaders held a press conference at 711 Milby Street, one of the most frequently blocked rail crossings in Texas, to highlight the need to address blocked rail crossings in communities and pass federal rail safety legislation. Throughout the U.S., rail crossings like the ones at Milby Street, Lockwood Drive, and Sampson-York Street, delay first responders in reaching those facing life-threatening emergencies and block communities' roads, keeping adults from getting to work and children from getting to school.

- Discuss Grade Separation Application

- Promote the Railroad Safety Act

The bill expands the types of chemicals that trigger these specific safety requirements so that trains carrying vinyl chloride and other explosives and toxic materials, including flammable gas, poisonous gas and nuclear material, are subject to the same safety requirements as flammable liquid trains



Smart Railroad Cameras & Sensors

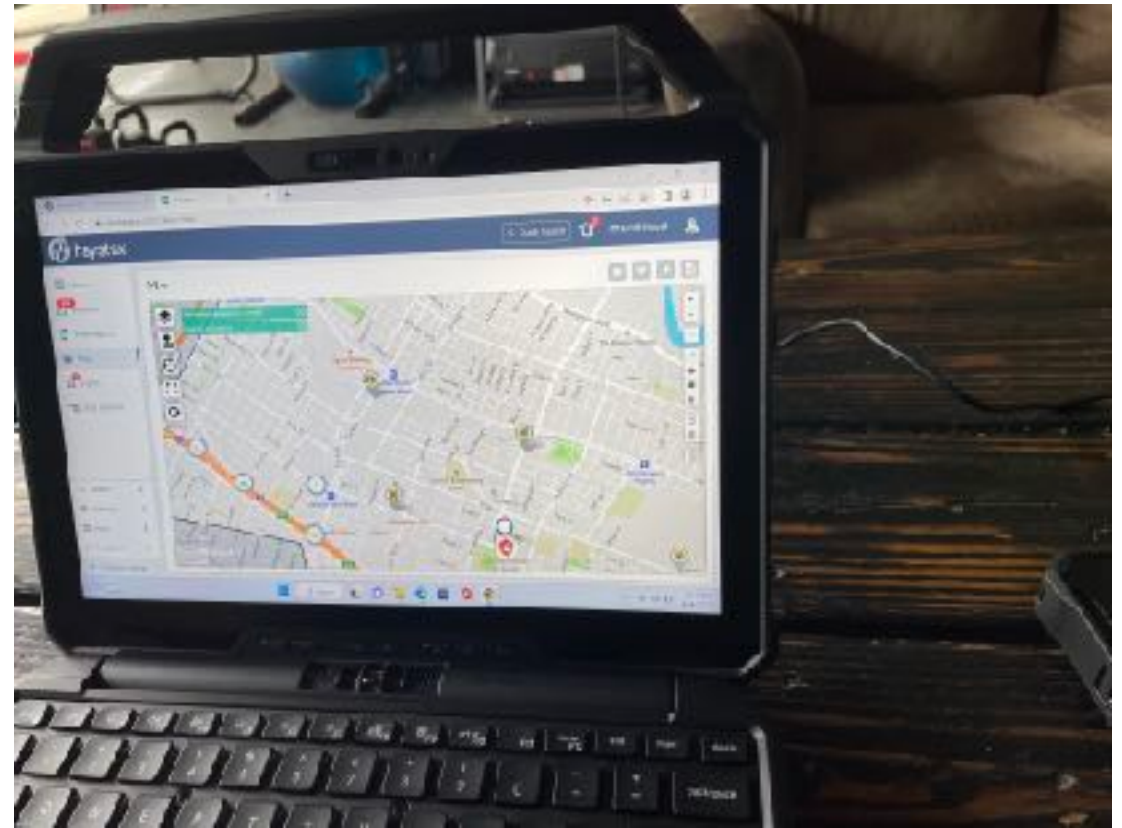
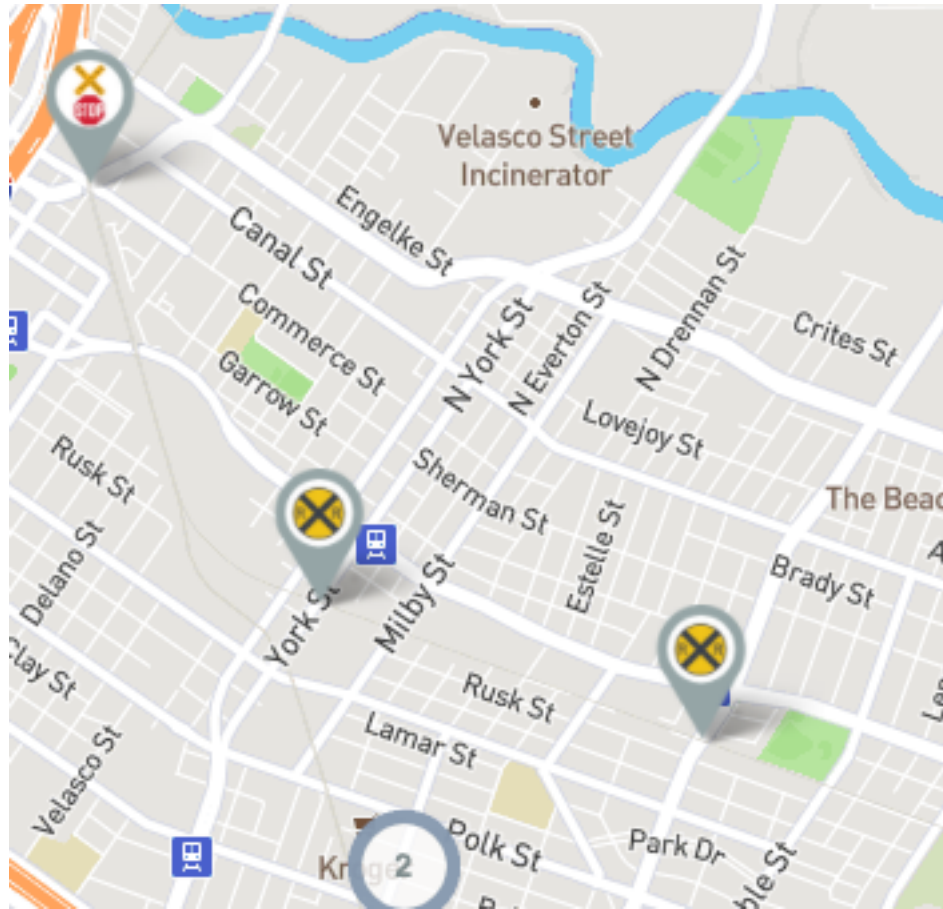


18 Locations Monitored (Citywide)

4100 N. Braeswood (UPRR Ballpark)	1200 Durham (UPRR – Terminal)
1000 Lockwood (UPRR Baer Junction)	5900 Market (UPRR EB)
700 S. Lockwood (UPRR - Galveston Sub)	700 Sampson (UPRR Galveston)
900 Sampson (UPRR-WB)	700 York St. (UPRR Galveston)
2100 Commerce (UPRR Congress Yard)	6300 Sherman (UPRR Tower #85)
5400 Polk St. (UPRR EB)	5200 Lawndale (UPRR – EB)
4000 Leeland (UPRR WB)	7300 Lawndale (UPRR – Katy Neck)
1500 Central (UPRR Near Manchester Yard)	400 Hirsch Road (UPRR – Baer Junction)
5800 Mykawa @ Long Drive (T&NO Junction)	1400 West Road (UPRR Tower #26)



HFD Station #18 Testing mapping software to detect train at crossing



Fire Station #18 has access to crossing cameras being tested by the Houston Smart City Program





Thank You

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