

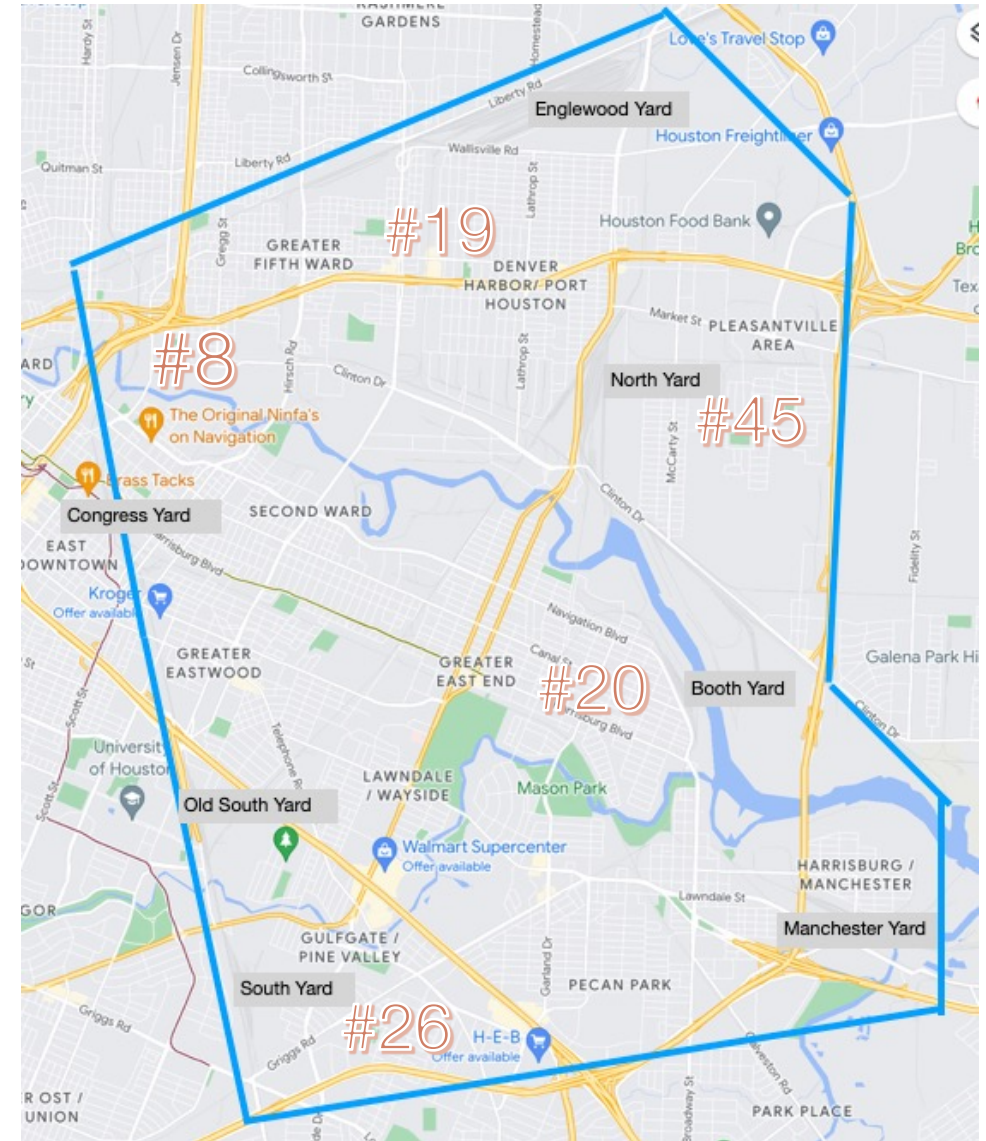
Rail Safety Taskforce
July 2023



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Road Safety and Mobility Program
East End District

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



Focus Crossing List

Location	Critical List	Crossing Improvement Study	TX Transportation Committee Blocked Crossing Reduction Strategy
1500 Telephone	Yes	Yes	Yes
5200 Lawndale	Yes	Yes	Yes
700 S. Lockwood	Yes	Yes	Yes
5400 Polk	Yes	Yes	Yes
Leeland/Cullen	Yes	Yes	Yes
1900 Broadway	Yes	Yes	No
400 Hirsch Rd.	Yes	No	Yes
1000 Lockwood	Yes	No	Yes
7600 Lawndale	Yes	No	No
900 S. 75 th	Yes	No	No



Analysis Areas

June	Daily Occupancy over 10 minutes	Average Occupancy	Average Daily blockage (hr)	Longest Occupancy
Commerce Street	22	9 min.	4	06/11/23 1-hour (non-peak)
Lockwood	8	26 min.	4	06/06/23 1.5 Hour @8:51 PM (non-peak)
York	12	7 min.	2	06/26/23 5 hours @5:00 AM (Peak)
Market (5900)	20	8 Minutes	3	06/18/23 2 hours @7:11 Pm (non-peak)
Polk (5400)	12	9 minutes	2	06/08/23 -7 hours @1:101 AM (Peak)
Leeland/Cullen	28	7 minutes	3	06/01/23-3 Hours @10:00 47 AM (non-peak)
Hirsch Road	8	26 minutes	4	06/30/23 – 11 Hours @8:27 PM (non)

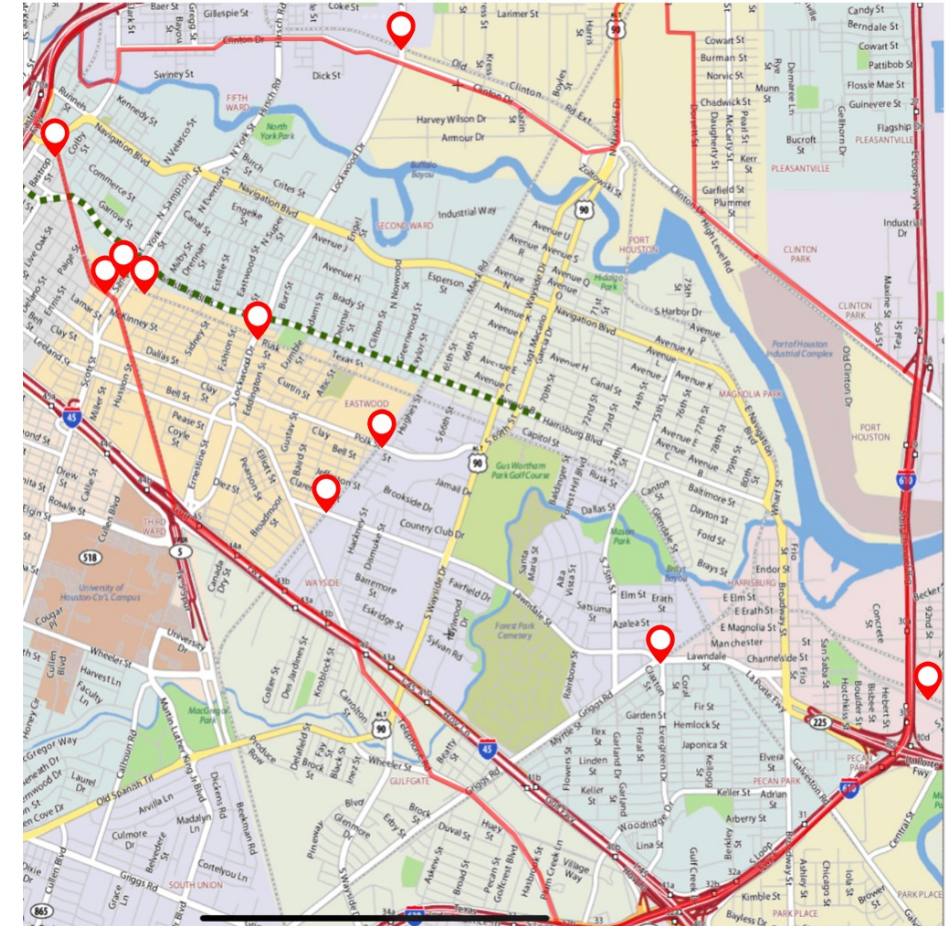
May 2023	Daily Occupancy over 10 minutes	Average Occupancy	Avg. Daily Blockage	Longest Occupancy
Commerce Street	23	9 minutes	4	1 Hour (05/24/23 @2:04PM –Non)
Lockwood	6	13 minutes	1	1.5 Hours (05/03/23 @12:57 AM-Non)
York	13	6 minutes	1	1 Hour (05/02/23 @8:17 PM – Non)
Market (5900)	14	18 minutes	4	3 Hours (05/29/23 @1:15 AM-Non)
Polk (5400)	15	9 minutes	2	6 Hours (05/18/23 @8:44 PM-Non)
Leeland/Cullen	29	7 Minutes	3	2 Hours (05/20/23 @6:19 PM – Non)
Hirsch Road	7	29 Minutes	4	3.5 Hours (5/9/23 @12:30 AM – Non)

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)



Transportation Safety Initiatives

A collaborated effort with transportation safety organizations to implement a road and rail safety awareness strategy for first responders, professional drivers, and schools in the district

- Hobby School High Injury Network Study – Completed
- US Road Assessment Program – assess and prioritize transportation safety and infrastructure conditions in the East End District. - Started
- Develop a Road & Rail Safety Tool Kit for neighborhood schools
- Deliver at a tactical level, appropriate safety materials for professional drivers, students and first responders
- Measure transportation hazards comparing infrastructure gaps with unsafe behavior
- Train First Responders in Rail Safety Awareness



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School Transportation Safety

Collaborative effort between safety organization and area schools to assess transportation safety needs and develop a Road – Rail Safety Tool Kit for the affected schools

Criteria

- School within the Houston High Injury Network
- School in proximity to Railroad Corridor

Strategy Development

- Conduct a Needs Assessment on School Transportation Safety
- Develop a Road-Rail Safety Tool Kit
- Create a process for measuring road hazards, to and from school
- Deliver at a “tactical level” appropriate safety training and materials conducive to school need
- Measure impacted to school operations caused by traffic impediments (environmental, traffic flow, and Infrastructure)



Thank You

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