

Rail Safety Task Force  
January 2023

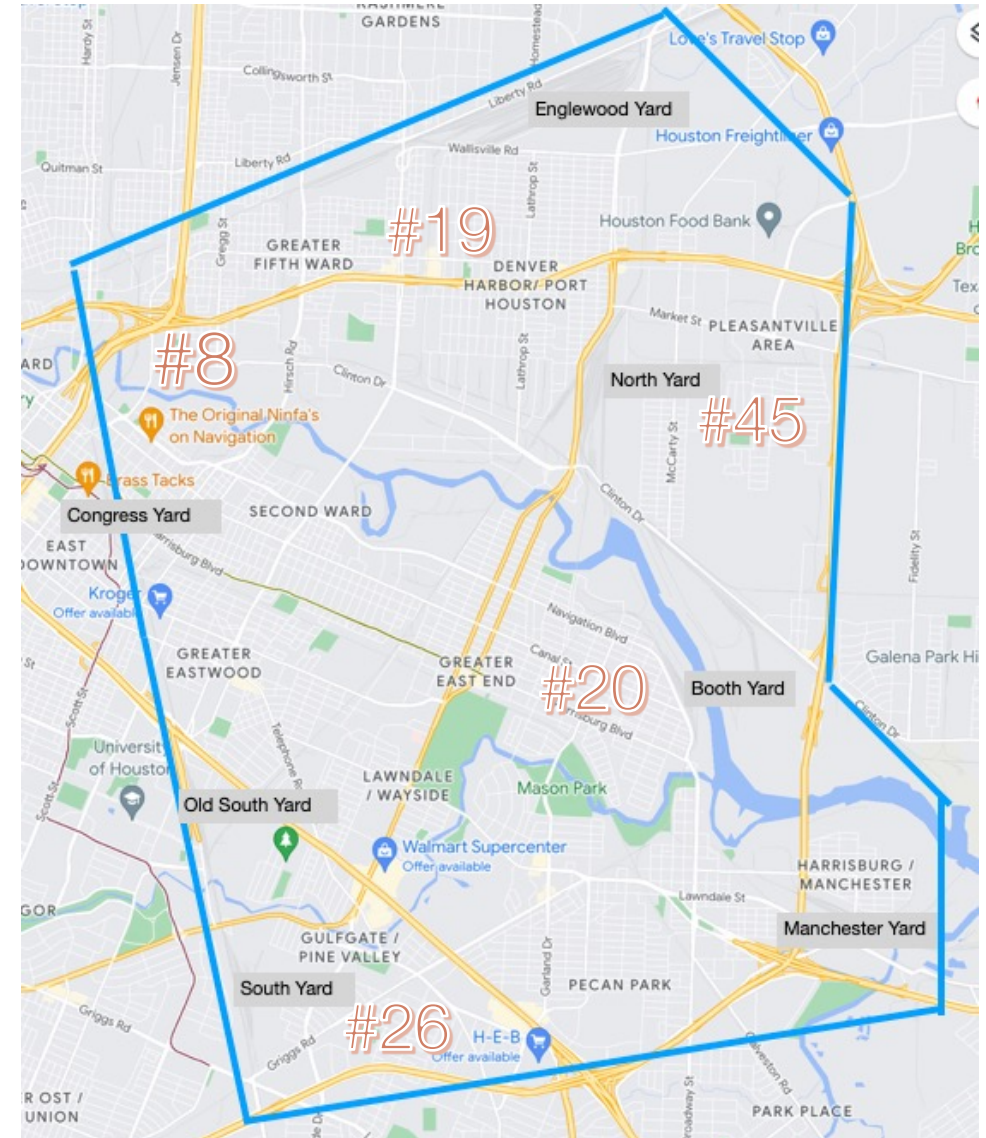
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Jack C. Hanagriff, Coordinator  
Railroad Safety and Mobility  
East End District

# 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



# Rail Corridor Collaborative

- Facilitating Monthly Calls with Four Railroads
- Attending Monthly Rail Coordination Calls
- Analyzing:
  - Belt Junction (1000 Lockwood)
  - Tower #85 (East Belt/Galveston Sub)
  - Old South Yard –EB Lead (5200 Lawndale)
  - Old South Yard – WB Lead (Leeland/Cullen)
  - Congress Yard Leads - (York/Sampson)



# December 2022 Reported Blockages

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Total – 167

- HPD – 9
- HFD – 52
- FRA – 106

	June 2022	July 2022	August 2022	September 2022	October 2022	November 2022	December 2022
HPD	9	13	14		16	16	9
HFD	78	93	109	96	92	85/44 (Blockages)	100 (52 stopped)
FRA	93	177	167	234-(307)	163 (268) 130 (EED)	174 (250)	198

# Trainfo Analysis

December 2022	Average Trains over 10 minutes	Average Occupancy	# over 30 minutes	Longest Occupancy
Commerce Street	22	9 minutes	20	2.5 hours
Lockwood	6	22 minutes	31	3.5 Hours
York	18	4 minutes	4	2 hours
Market (5900)	14	17 minutes	46	4.5 Hours
Polk (5400)	Under Calibration			

November 2022	Average Trains over 10 minutes	Average Occupancy	Longest Occupancy
Commerce Street	22	9 minutes	1.5 Hours
Lockwood	6	21 minutes	5.5 Hours
York	19	4 minutes	1 hour
Market (5900)	13	18 Minutes	5 hours
Polk (5400)	Under Calibration		

# Rail Safety Taskforce

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Second  
Ward



Fifth Ward



Eastwood

Denver Harbor



Magnolia Park



Pleasantville



Pecan Park



South Park

Lawndale/Wayside



Manchester

Gulfgate/Pine Valley



OST/South Union

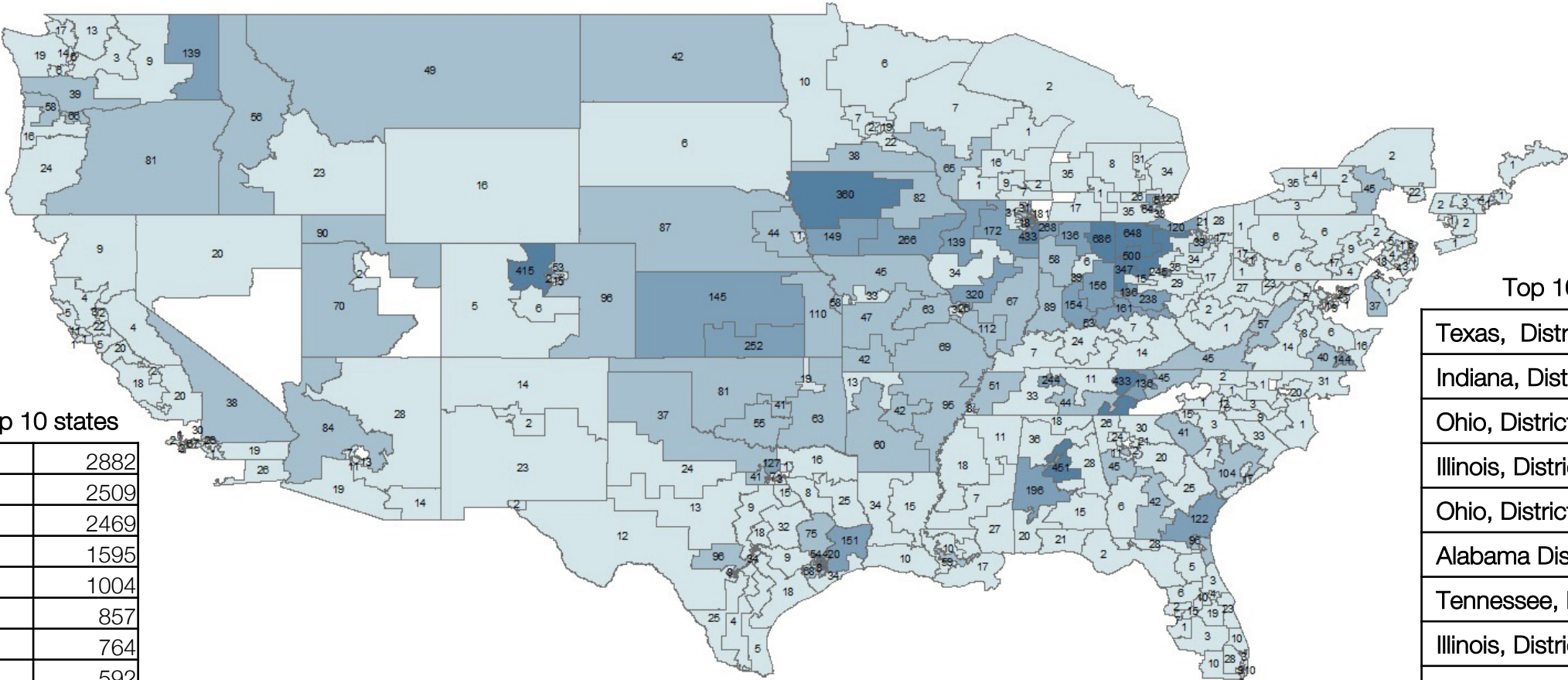


*Have Representation*

- Request for Congressional Assistance regarding railroad operations affecting community stability
- Develop a monthly report to highlight railroad and community efforts

# Congressional Districts with Reported Blocked Crossings

\*Federal Railroad Administration 2021 Data



Top 10 states

TX	2882
IL	2509
OH	2469
IN	1595
TN	1004
IA	857
AL	764
CO	592
KS	565
MI	437

Top 10 districts

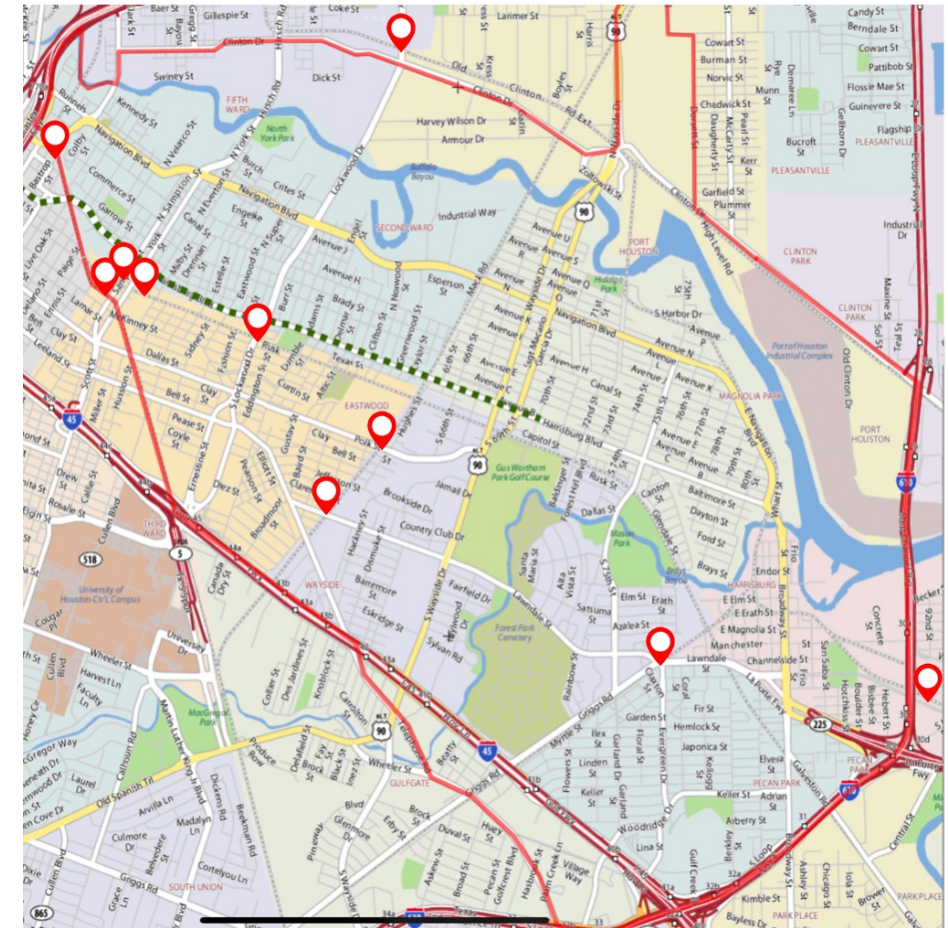
Texas, District #29 – 1,376
Indiana, District #3 – 685
Ohio, District #5 - 648
Illinois, District #3 - 604
Ohio, District #4 - 500
Alabama District #5 - 451
Tennessee, District #3 - 433
Illinois, District #2 - 430
Texas, District #18 - 420
Colorado, District #2 - 415

# Smart Railroad Sensors



- 13 Locations Monitored
- Capturing data on behaviors (train, motorist, pedestrian) at the crossings
- Access is available to participating railroads
- Coordinating with Houston Emergency Services to assist in improving response

Some Locations are available for public viewing at [Livetrains.com](https://www.livetrains.com)



# End of Year Summary

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Creating a High-Level Report of activities communicated by participating railroads to reduce neighborhood concerns

- Information will be approved and sanitized by RCC membership prior to release
- Content will be shared with City Leadership and members of the FRA and STB
- Goal is to illustrate effort and show progress and reducing impacts to safety and mobility
  - Special Orders to Monitor Crossings
  - Occupied Crossing Predictability
  - Blocked Crossing Protocol



Thank You

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