

North Central Texas Council of Governments

Regional Rail Crossing Inventory

November Public Meeting

November 9, 2026

Bryce McMeans

Railroad Crossing Inventory Background

- At-grade rail crossings are a major concern across the region and NCTCOG continues to recognize rail safety as a crucial issue needing to be addressed within our region.
- Staff consistently reviews all public at-grade crossings within the region.
- Staff have also completed two full in-depth analyses; the city of Fort Worth was completed in 2023, and the city of Dallas was completed in August 2025.
- Staff will continue completing analysis to help understand and prioritize rail crossings for potential improvements.
- The goal of all current and future analysis is to improve safety and reduce congestion at railroad crossings across our region.



Courtesy of NCTCOG

Rail Crossing Analysis

The Process

1) Identify all public at-grade crossings in the region
2) Update the Rail Crossing Database with quantitative and qualitative information about each crossing
3) Identify priority rail crossings for recommended improvements



Courtesy of NCTCOG

Maintaining the Database

Quantitative information included in the database (from FRA)

- Number of Vehicles a Day: Average Annual Daily Traffic (AADT).
- Trains per Day: Number of trains that pass through the crossing each day.
- Train Speed: Speed of the train when it passes through the crossing.
- Crossing Incidents: Number of accidents at the crossing from 2015 to 2025 (10 years).

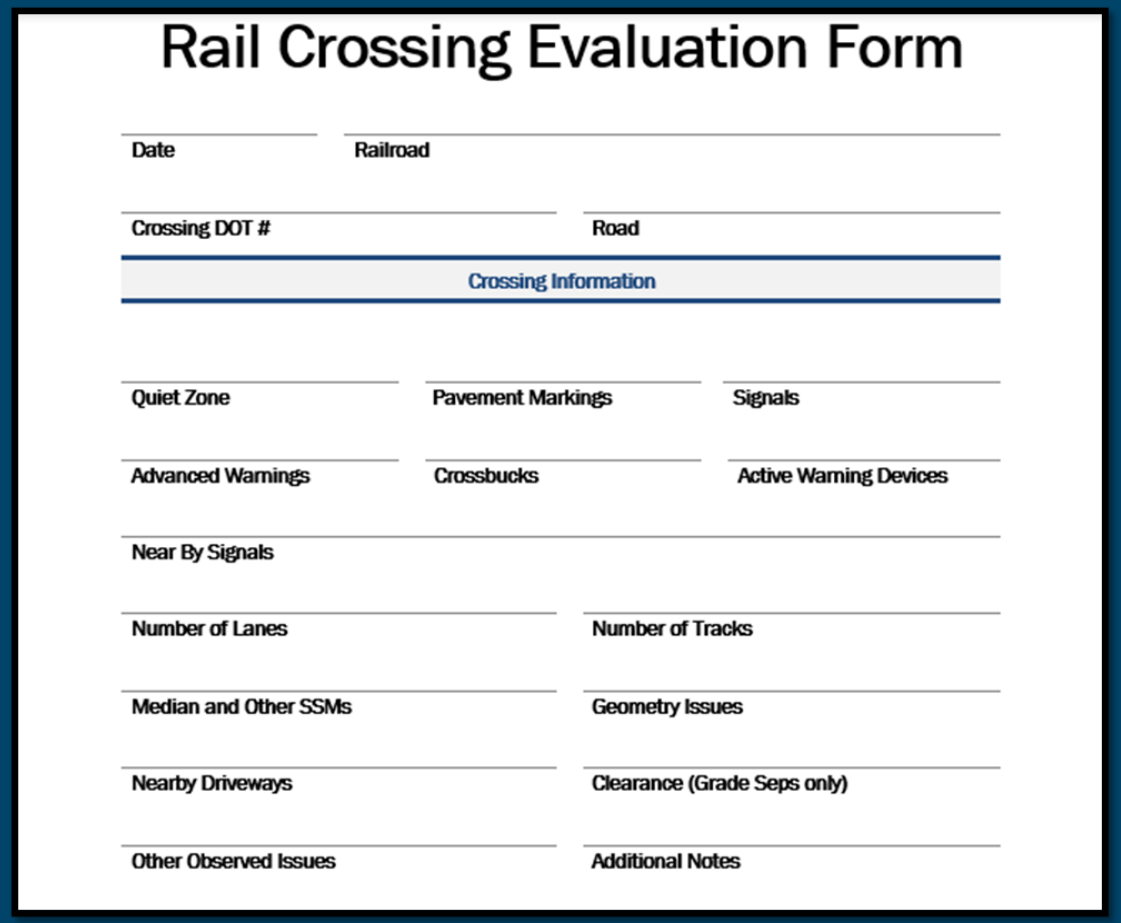


Courtesy of NCTCOG

Maintaining the Database

Qualitative information included in the database (from FRA and is verified via site visits)

- Active Warning Devices: Includes gates and lights that activate when a train approaches the crossing.
- Static Warning Devices: Includes pavement marking and standard signage such as crossbucks.
- Supplemental Safety Measures: Includes medians, supplemental signage, etc.
- Observed Conditions: Includes geometry issues and number of roadway lanes, etc.



Rail Crossing Evaluation Form

Date | Railroad

Crossing DOT # | Road

Crossing Information

Quiet Zone | Pavement Markings | Signals

Advanced Warnings | Crossbucks | Active Warning Devices

Near By Signals

Number of Lanes | Number of Tracks

Median and Other SSMs | Geometry Issues

Nearby Driveways | Clearance (Grade Seps only)

Other Observed Issues | Additional Notes

Courtesy of NCTCOG

Regional Rail Crossing Inventory Database

Counties in the database:

- Dallas
- Tarrant
- Denton
- Collin
- Johnson
- Ellis
- Hunt
- Hood
- Kaufman
- Parker
- Rockwall
- Wise

Regional Rail Crossing Inventory Database

County	City	Street	US DOT Number	Railroad	Subdivsion	Speed	Train Count	Incident after 2015	Fatality after 2015	AADT	QZ	Pavement Markings
Collin	Wylie	Spring Creek Pkwy	022364L	CPKC	Greenville	59	11	0	0	2385	24 Hour	No
Collin	Wylie	Westgate Way	330967H	CPKC	Alliance	35	2	0	0	4383	24 Hour	Yes
Collin	Wylie	Springwell Pkwy	331279Y	CPKC	Alliance	35	2	1	0	11286	24 Hour	Yes
Collin	Wylie	Country Club Road	789648L	CPKC	Alliance	35	2	0	0	6468	24 Hour	Yes
Collin	Wylie	Oak Street	789650M	CPKC	Greenville	59	4	0	0	1420	24 Hour	No
Collin	Wylie	W Marble Street	789651U	CPKC	Greenville	59	4	0	0	872	24 Hour	No

Courtesy of NCTCOG

Total of 1543 public at-grade crossings within the 12 counties

Priority Methodology

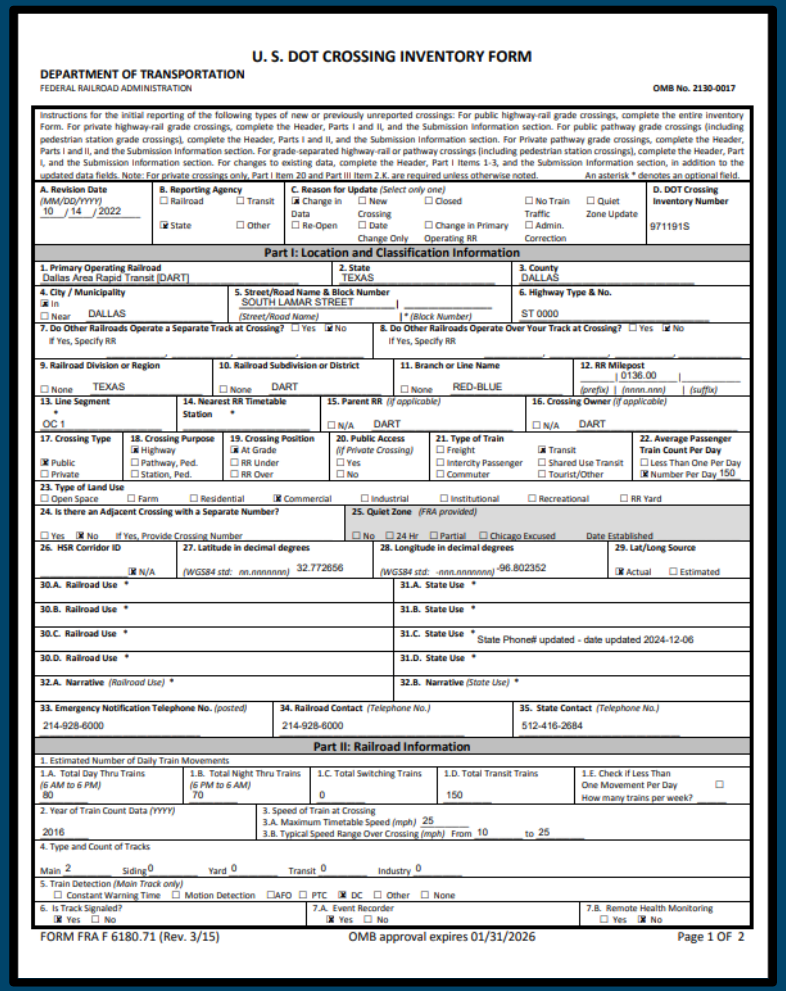
Formula Based Scoring

Crossings are scored on quantitative factors that relate to safety and traffic volumes. Crossings are then classified into priority levels.

- **High Priority**: High traffic volumes and incidents
- **Medium Priority**: Mixed conditions
- **Low Priority**: Lower traffic volumes and incidents

Freight Rail vs. Passenger Rail Separation

Freight rail and passenger rail will be separated due to operational differences.



U. S. DOT CROSSING INVENTORY FORM

DEPARTMENT OF TRANSPORTATION
FEDERAL RAILROAD ADMINISTRATION

OMB No. 2130-0017

Instructions for the initial reporting of the following types of new or previously unreported crossings: For public highway-rail grade crossings, complete the entire inventory Form. For private highway-rail grade crossings, complete the Header, Parts I and II, and the Submission Information section. For public pathway grade crossings (including pedestrian station grade crossings), complete the Header, Parts I and II, and the Submission Information section. For Private pathway grade crossings, complete the Header, Parts I and II, and the Submission Information section. For grade-separated highway-rail or pathway crossings (including pedestrian station crossings), complete the Header, Part I, and the Submission Information section. For changes to existing data, complete the Header, Part I Items 1-3, and the Submission Information section, in addition to the updated data fields. Note: For private crossings only, Part I Item 20 and Part III Item 2.K. are required unless otherwise noted. An asterisk * denotes an optional field.

A. Revision Date (MM/DD/YYYY)	B. Reporting Agency	C. Reason for Update (Select only one)	D. DOT Crossing Inventory Number
10 / 14 / 2022	☐ Railroad ☐ Transit ☒ State ☐ Other	☒ Change in Data ☐ New Crossing ☐ Closed ☐ No Train Traffic ☐ Quiet Zone Update ☐ Re-Open ☐ Date Change Only ☐ Change in Primary Operating RR ☐ Admin. Correction	971191S

Part I: Location and Classification Information

1. Primary Operating Railroad	2. State	3. County
Dallas Area Rapid Transit [DART]	TEXAS	DALLAS

4. City / Municipality	5. Street/Road Name & Block Number	6. Highway Type & No.
☒ In ☐ Near DALLAS	SOUTH LAMAR STREET / * (Block Number)	ST 0000

7. Do Other Railroads Operate a Separate Track at Crossing? ☐ Yes ☒ No	8. Do Other Railroads Operate Over Your Track at Crossing? ☐ Yes ☒ No
If Yes, Specify RR	If Yes, Specify RR

9. Railroad Division or Region	10. Railroad Subdivision or District	11. Branch or Line Name	12. RR Milepost
☐ None TEXAS	☐ None DART	☐ None RED-BLUE	0136.00 (prefix) | (nnnn.nnn) | (suffix)

13. Line Segment	14. Nearest RR Timetable Station *	15. Parent RR (If applicable)	16. Crossing Owner (If applicable)
OC 1		☐ N/A DART	☐ N/A DART

17. Crossing Type	18. Crossing Purpose	19. Crossing Position	20. Public Access (If Private Crossing)	21. Type of Train	22. Average Passenger Train Count Per Day
☒ Public ☐ Private	☒ Highway ☐ Pathway, Ped. ☐ Station, Ped.	☒ At Grade ☐ RR Under ☐ RR Over	☐ Yes ☐ No	☐ Freight ☐ Intercity Passenger ☐ Commuter ☒ Transit ☐ Shared Use Transit ☐ Tourist/Other	☐ Less Than One Per Day ☒ Number Per Day 150

23. Type of Land Use							
☐ Open Space	☐ Farm	☐ Residential	☒ Commercial	☐ Industrial	☐ Institutional	☐ Recreational	☐ RR Yard

24. Is there an Adjacent Crossing with a Separate Number?	25. Quiet Zone (FRA provided)
☐ Yes ☒ No If Yes, Provide Crossing Number	☐ No ☐ 24 Hr ☐ Partial ☐ Chicago Excused Date Established

26. HSR Corridor ID	27. Latitude in decimal degrees	28. Longitude in decimal degrees	29. Lat/Long Source
☒ N/A	(WGS84 std: nn.nnnnnn) 32.772656	(WGS84 std: -nnn.nnnnnn) -96.802352	☒ Actual ☐ Estimated

30.A. Railroad Use *	31.A. State Use *
30.B. Railroad Use *	31.B. State Use *
30.C. Railroad Use *	31.C. State Use * State Phone# updated - date updated 2024-12-06
30.D. Railroad Use *	31.D. State Use *
32.A. Narrative (Railroad Use) *	32.B. Narrative (State Use) *

33. Emergency Notification Telephone No. (posted)	34. Railroad Contact (Telephone No.)	35. State Contact (Telephone No.)
214-928-6000	214-928-6000	512-416-2684

Part II: Railroad Information

1. Estimated Number of Daily Train Movements

1.A. Total Day Thru Trains (6 AM to 6 PM)	1.B. Total Night Thru Trains (6 PM to 6 AM)	1.C. Total Switching Trains	1.D. Total Transit Trains	1.E. Check if Less Than One Movement Per Day ☐ How many trains per week?
80	70	0	150	

2. Year of Train Count Data (YYYY)	3. Speed of Train at Crossing
2016	3.A. Maximum Timetable Speed (mph) 25 3.B. Typical Speed Range Over Crossing (mph) From 10 to 25

4. Type and Count of Tracks

Main 2 Siding 0 Yard 0 Transit 0 Industry 0

5. Train Detection (Main Track only)

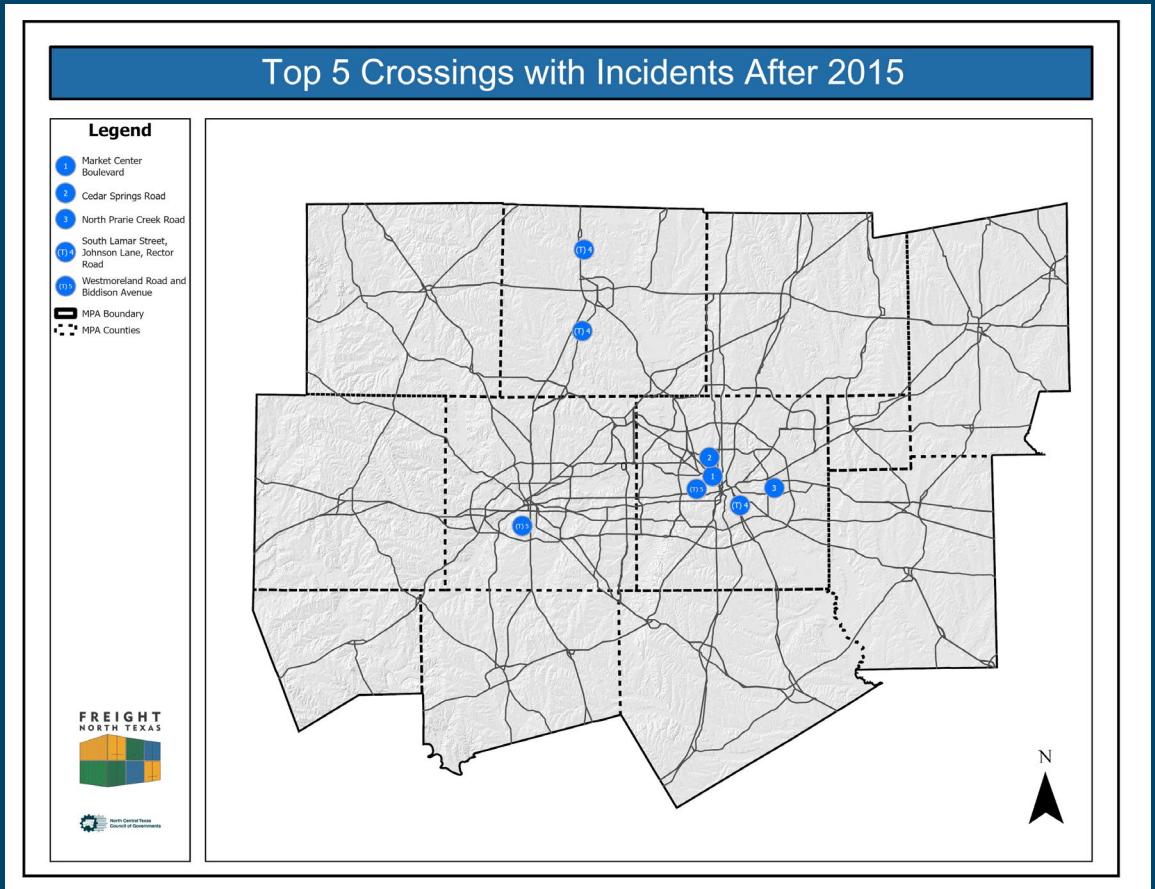
☐ Constant Warning Time ☐ Motion Detection ☐ AFO ☐ PTC ☒ DC ☐ Other ☐ None

6. Is Track Signaled?	7.A. Event Recorder	7.B. Remote Health Monitoring
☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☒ No

FORM FRA F 6180.71 (Rev. 3/15) OMB approval expires 01/31/2026 Page 1 OF 2

Courtesy of FRA

Top 5 Crossings with Incidents After 2015



Street Name	City	Incident Count	Railroad
1. Market Center Boulevard	Dallas	9	TRE
2. Cedar Springs Road	Dallas	8	DGNO
3. North Prairie Creek Road	Dallas	7	UP
(T) 4. South Lamar Street	Dallas	5	UP
(T) 4. Johnson Lane	Denton	5	UP
(T) 4. Rector Road	Sanger	5	BNSF
(T) 5. Westmoreland Road	Dallas	4	UP
(T) 5. Biddison Avenue	Fort Worth	4	BNSF

Next Steps

Ongoing Priorities:

- Continue analysis for cities/counties within the NCTCOG region
- Support targeted crossing improvements based on priority rankings in accordance with the Metropolitan Transportation Plan and 10-year Plan
- Coordinate with cities, counties, TxDOT, and railroads on site specific improvements
- Monitor implementation of recommended safety measures
- Assist in discussions to reduce blocked crossings
- Maintain focus on safety, efficiency, and reliability improvements



Courtesy of NCTCOG

Questions?

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