

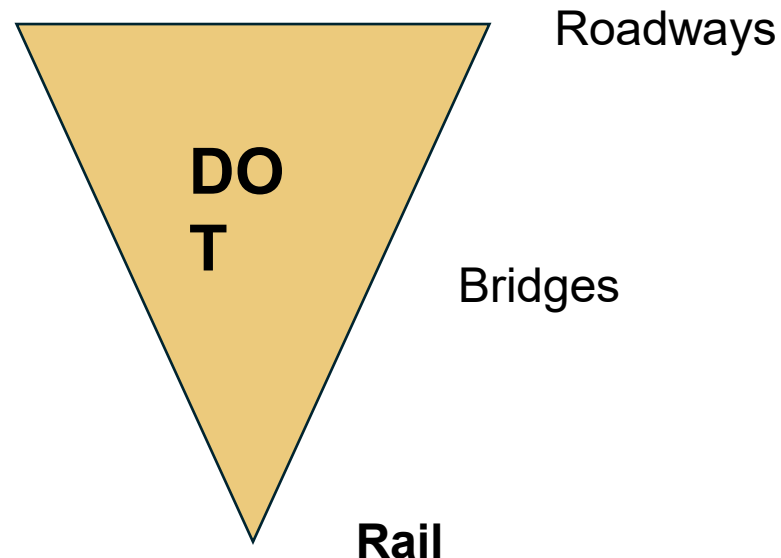


Economic Development & Iowa DOT Rail



DOT 101

- What does the Department of Transportation (DOT) do? (infrastructure big picture)
- Why is this important to Economic Development and what does the rail piece look like? Examples.
- What can you do?



“Making lives better through transportation”

DOT is committed to getting people and goods to where they want to go. All development uses the DOT system in some way.

How do we do that? Planning

1. We collect data, compare it to historical data. So, we have an idea, a direction, and an expectation for the system, and we are looking out as far out as 2050.
2. We can predict expected surfaces lifespan based on materials testing, construction specifications, traffic volumes, and vehicle types. For example, an interstate paved shoulder maybe thinner and use a different concrete formulation.
3. We use data and observations to adjust DOT's transportation short term development plan.

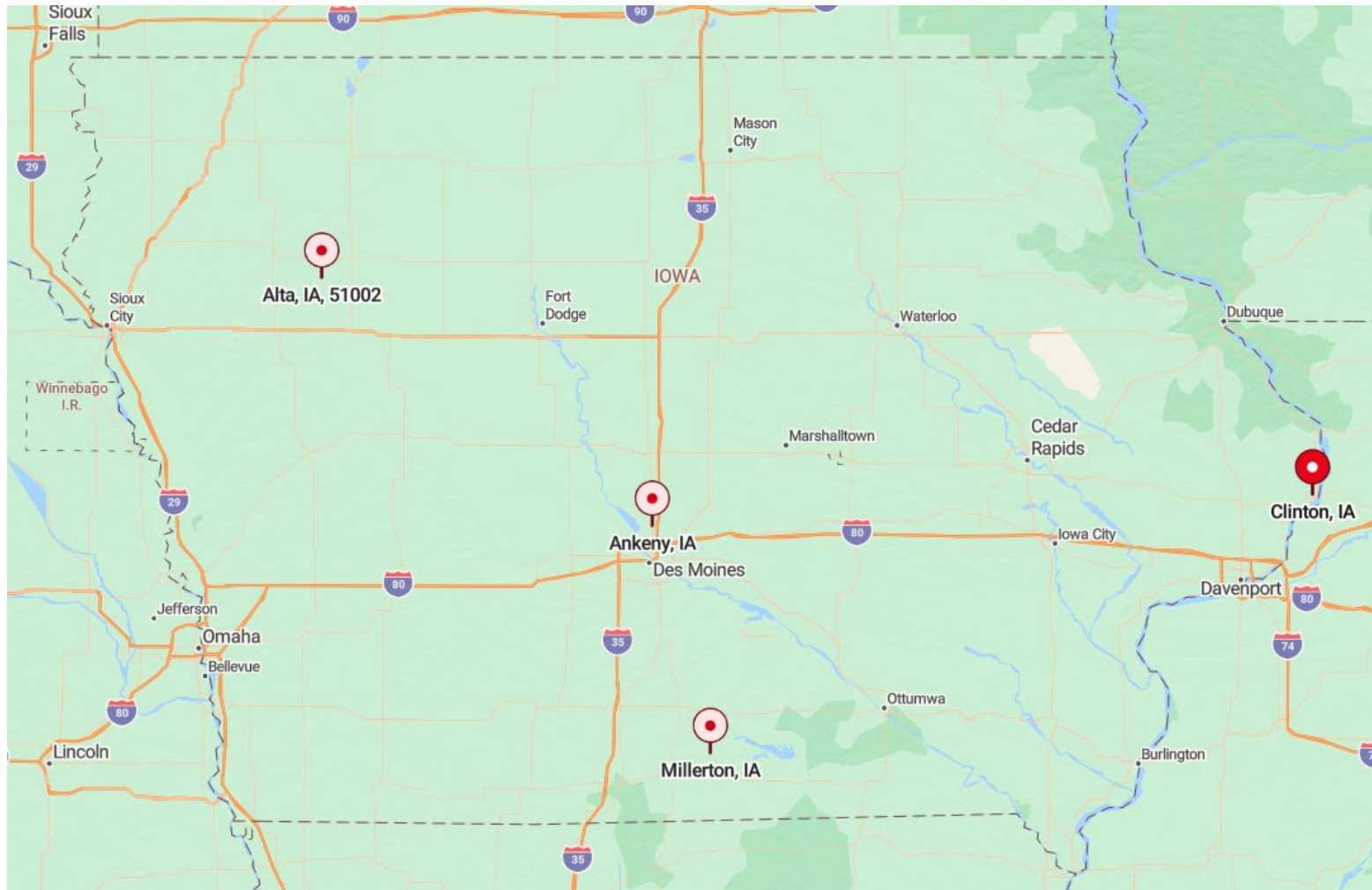
Why is this important to Economic Development?

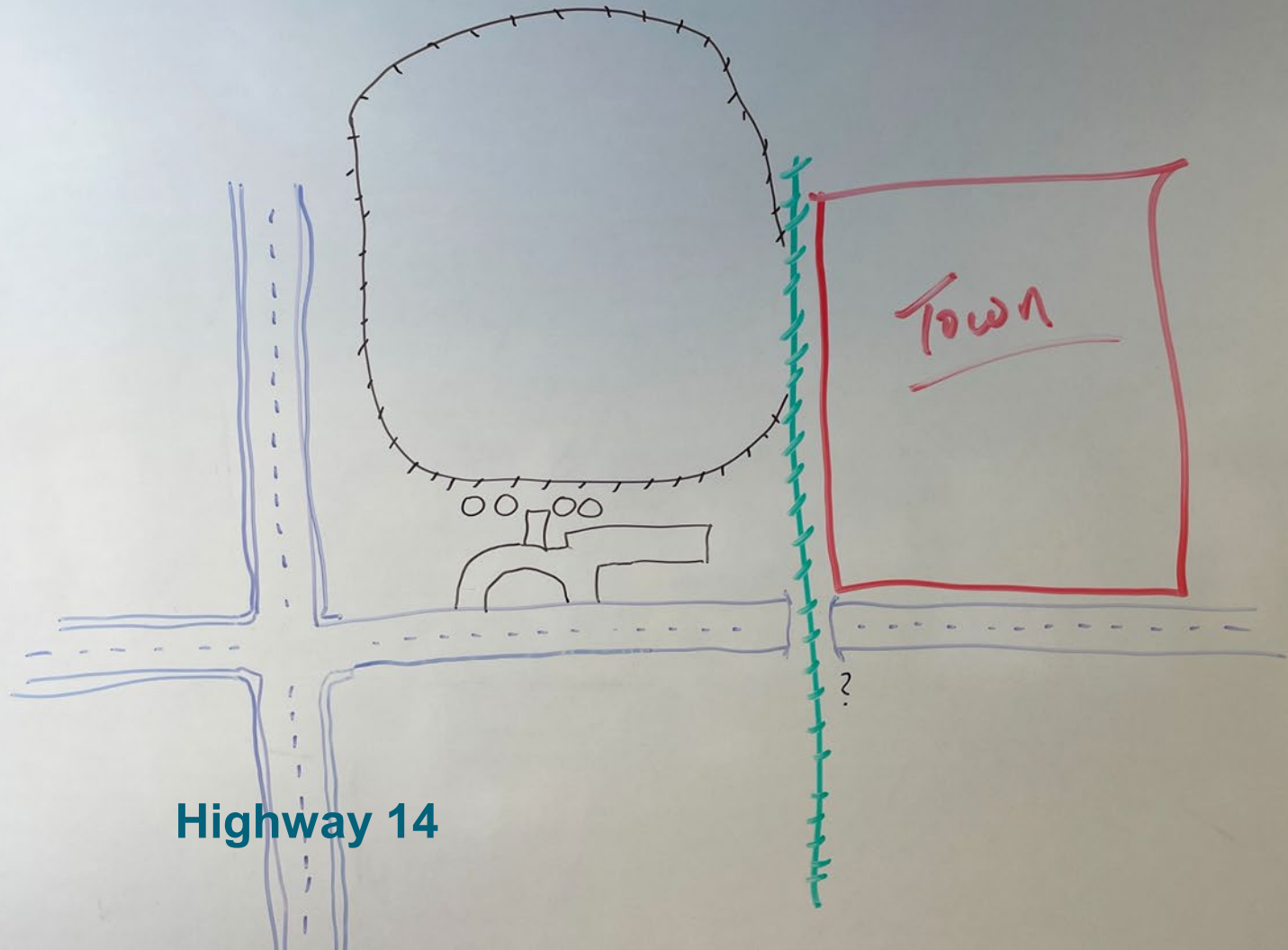


Avoid playing catch up

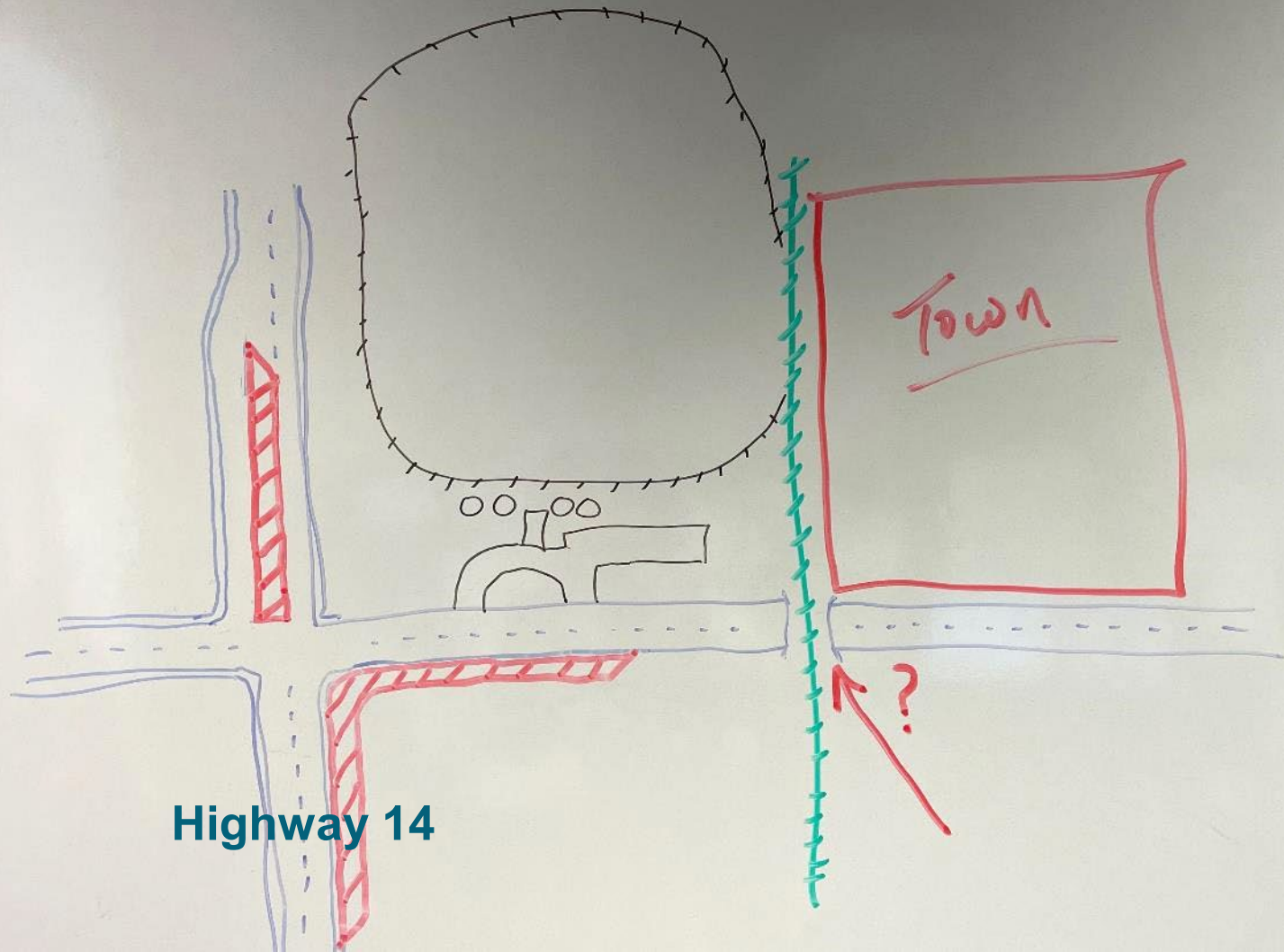


Why is this important to Economic Development and what does the rail piece look like?





Highway 14



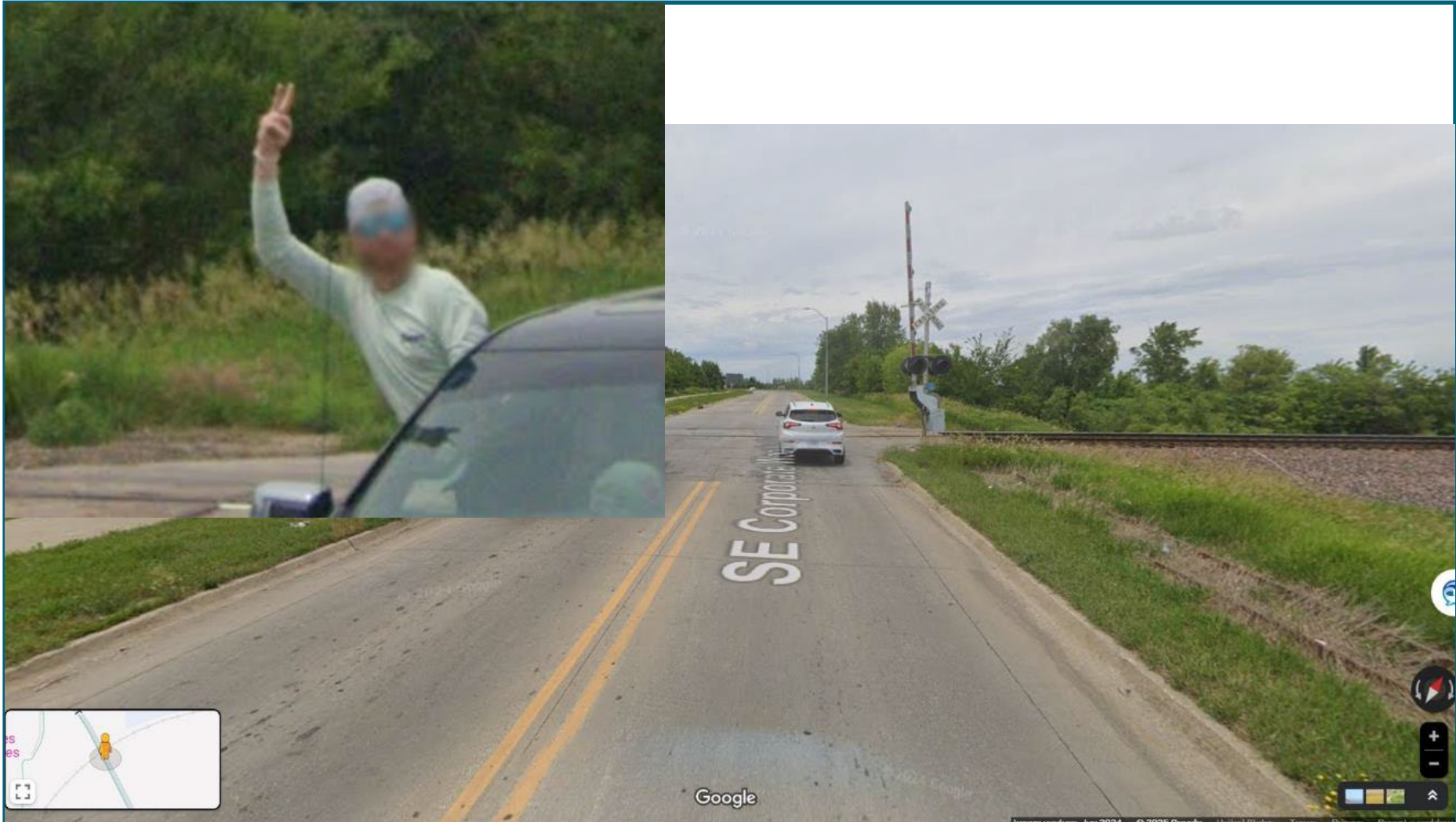
Millerton



Ankeny, SE Corporate Wood Dr



Ankeny, SE Corporate Wood Dr



Ankeny, SE Corporate Wood Dr



Ankeny, SE Corporate Wood Dr















Platinum Crush, Alta

Pre-Project AADT:

- 307522A – 112
- 307520L - 50

Post-Project AADT:

- 307522A - 1,120
- 307520L – 1,100

➤ IA7 Traffic Study



Platinum Crush, Alta



What can you do?

What can derail the sharing of information?

The nature of large economic development projects can be confidential.

- Code names for projects: MG, Pharaoh, New Horizons, Soybean, Supertramp
- Sometimes use non-disclosures.

Initial discussions can omit details.

The good news is the DOT has programs to help with needs created by development.



[Home](#) / [Railroad Safety](#) / [Divisions](#) / [Crossing Safety and Trespass Prevention](#)

Highway-Rail Grade Crossing
Safety and Trespass Prevention

Train Horn Rule and Quiet Zones

Grade Crossing Safety and
Trespass Prevention Initiatives >

Grade Crossing Safety and
Trespass Prevention Tools >

Grade Crossing Safety and
Trespass Funding Opportunities

Grade Crossing Safety and
Trespass Research

Rail Crossing Locator App



The Rail Crossing Locator allows emergency responders and the public to access information in FRA's highway-rail grade crossing database and a variety of map features from a mobile device. The app allows users to locate crossings by U.S. DOT Crossing ID number, address, or geo-location.

Features:

- Search for, identify, and filter crossings by special characteristics
- Find and call the Emergency Notification Systems (ENS) number in case of an emergency or to report a safety concern
- Send non-emergency information pertaining to the grade crossing to FRA via email
- Access U.S. DOT Crossing Inventory records and collision report histories for crossings

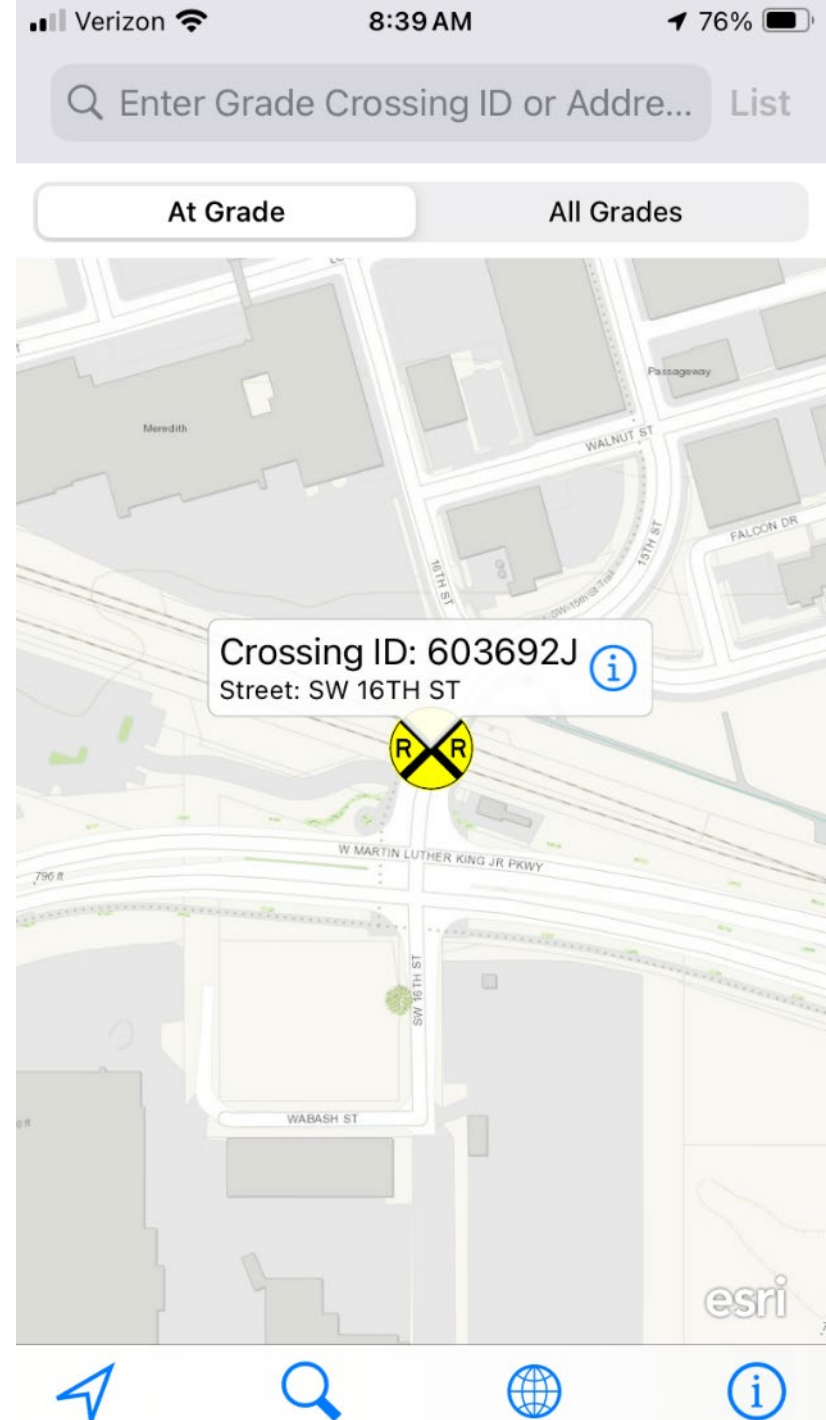
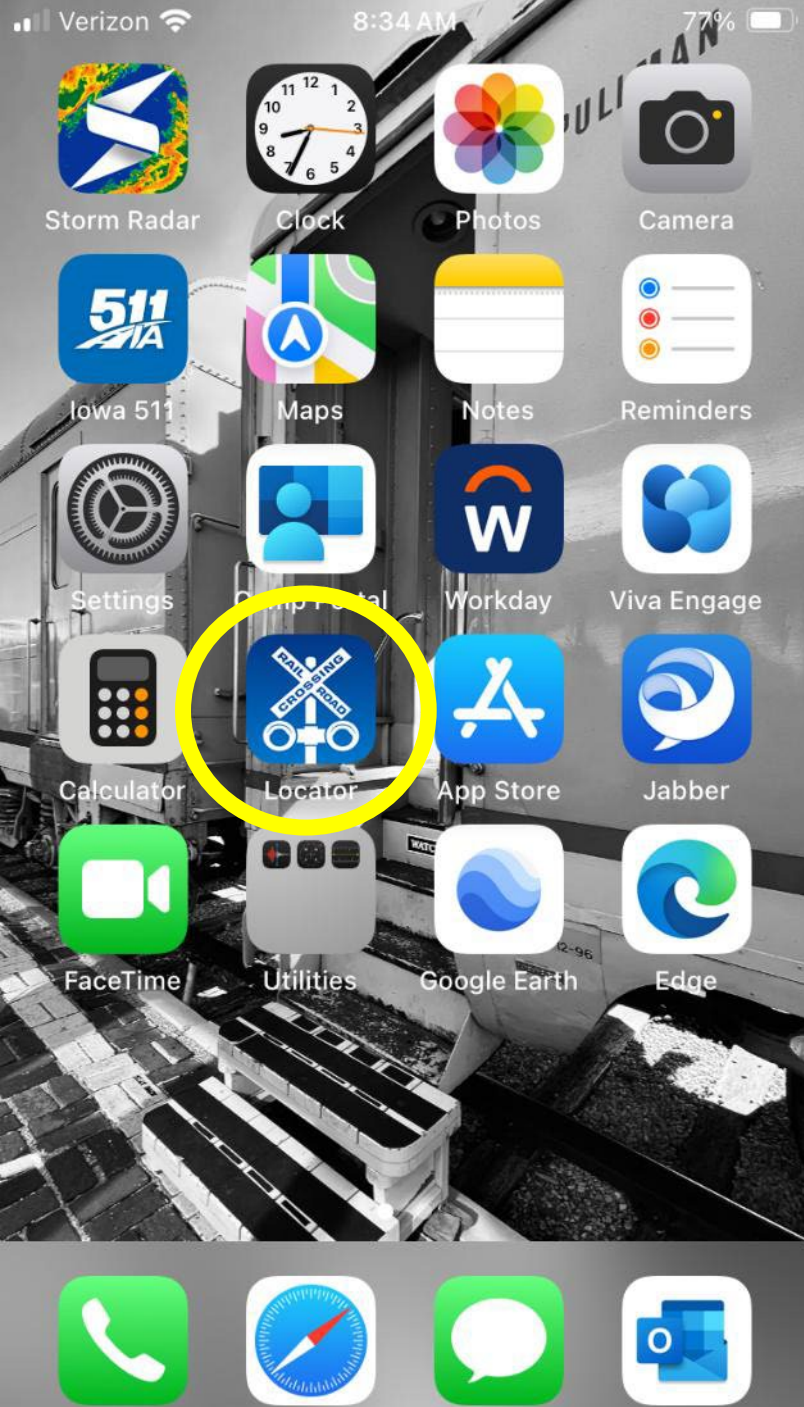
The information accessed in the app is derived from the FRA Safety Data website that contains information submitted by states and railroads.

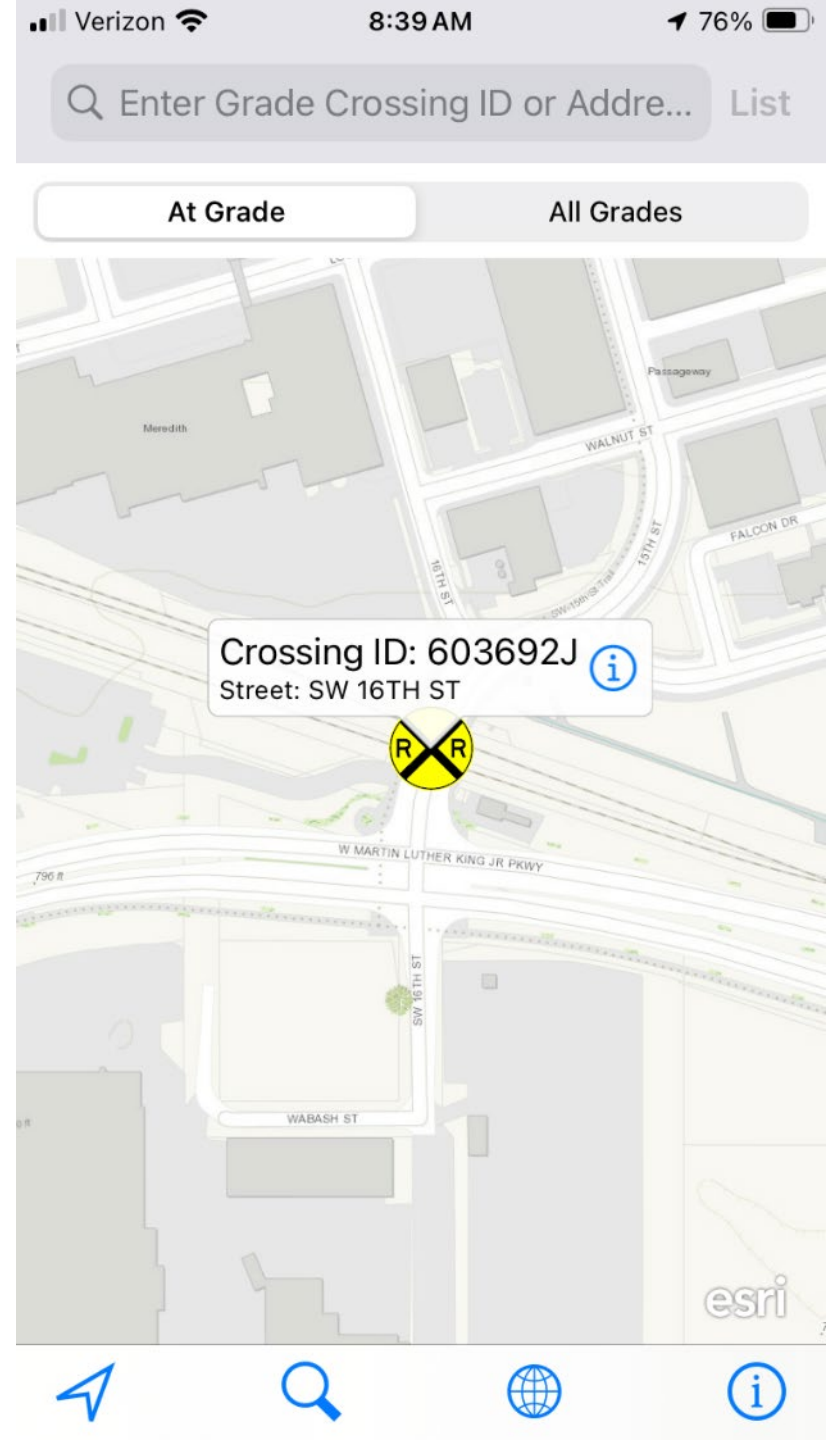
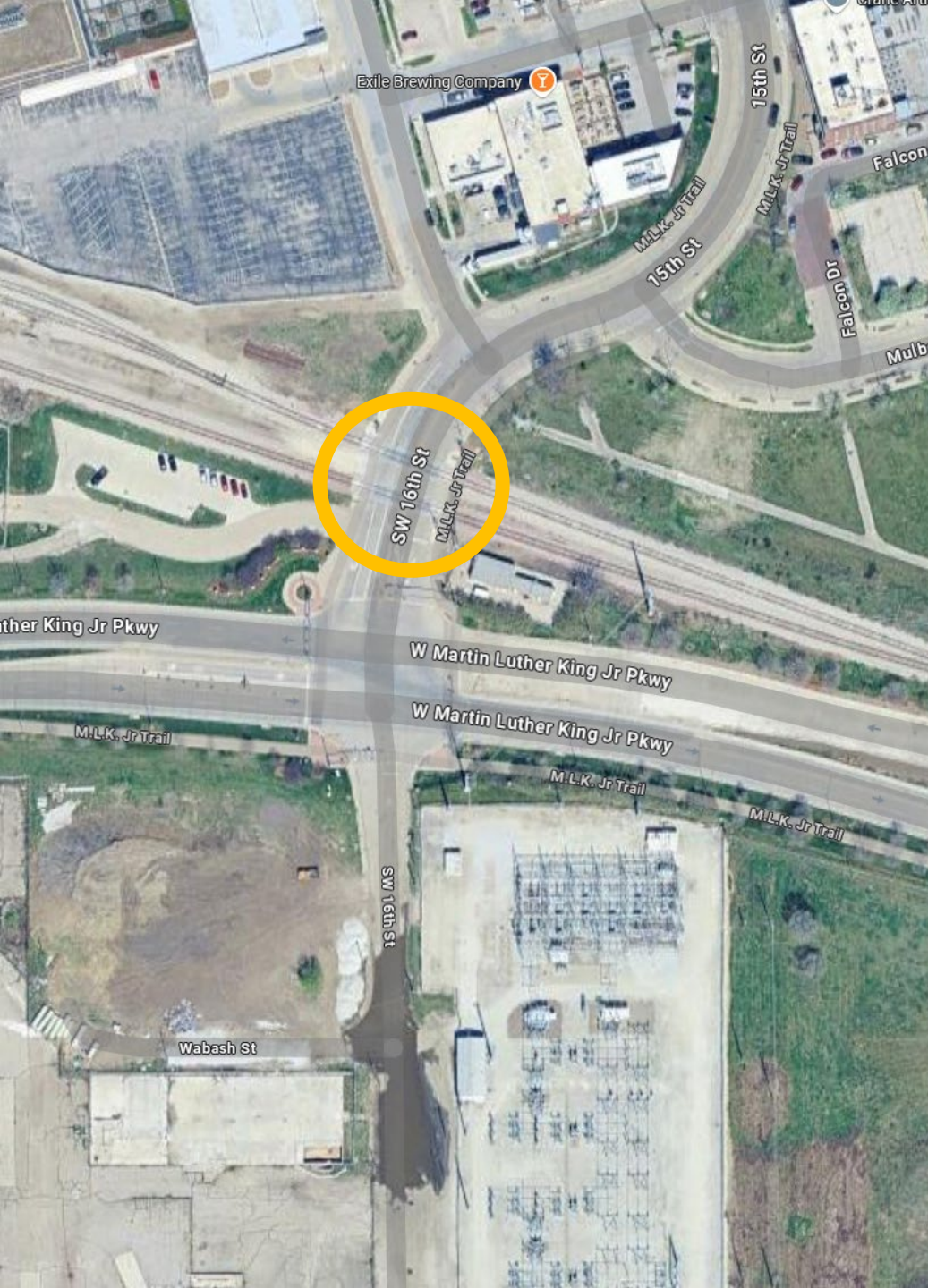
If you have questions about the Rail Crossing Locator, email us at rrswebinquiries@dot.gov.

Download the app from the [Apple APP Store](#)

Download the app from the [Google Play Store](#)

Last updated: Friday, April 4, 2025





< Map

Details

Open in Map

ATTRIBUTES

Crossing ID
603692J

Railroad
IAIS

Street Name
SW 16TH ST

Type
Public

Quiet Zone
No

Milepost
0358.66

U.S.DOT RECORDS

Inventory Record >

Collision Report >

SEND FRA INFO ABOUT THIS CROSSING

< Details

Inventory Record

PDF

Part I: Location and Classification Information

Part II: Railroad Information

Part III: Highway or Pathway Traffic Control Device Information

Part IV: Physical Characteristics

Part V: Public Highway Information

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.E. are required unless otherwise noted. An asterisk * denotes an optional field.

A. Revision Date (MM/DD/YYYY) 12/08/2023	B. Reporting Agency <input checked="" type="checkbox"/> Railroad <input type="checkbox"/> State <input type="checkbox"/> Other	C. Reason for Update (Select only one) <input checked="" type="checkbox"/> Change in Data <input type="checkbox"/> Re-Open <input type="checkbox"/> New Crossing <input type="checkbox"/> Date Change Only <input type="checkbox"/> Closed <input type="checkbox"/> Change in Primary Operating RR <input type="checkbox"/> No Train Traffic <input type="checkbox"/> Quiet Zone Update <input type="checkbox"/> Admin. Correction	D. DOT Crossing Inventory Number 603692J
---	--	---	---

Part I: Location and Classification Information

1. Primary Operating Railroad Iowa Interstate Railroad (IAIS)	2. State IOWA	3. County POLK
4. City / Municipality DES MOINES	5. Street/Road Name & Block Number SW 16TH ST (Street/Road Name) (Block Number)	6. Highway Type & No. LOCAL

7. Do Other Railroads Operate a Separate Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR	8. Do Other Railroads Operate Over Your Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR
---	--

9. Railroad Division or Region <input type="checkbox"/> None <input checked="" type="checkbox"/> DES MOINES	10. Railroad Subdivision or District <input type="checkbox"/> None <input checked="" type="checkbox"/> COUNCIL BLUFFS	11. Branch or Line Name <input checked="" type="checkbox"/> None
--	--	---

13. Line Segment *	14. Nearest RR Timetable Station DES MOINES	15. Parent RR (if applicable) <input checked="" type="checkbox"/> N/A
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17. Crossing Type <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private	18. Crossing Purpose <input checked="" type="checkbox"/> Highway <input type="checkbox"/> Pathway, Ped. <input type="checkbox"/> Station, Ped.	19. Crossing Position <input checked="" type="checkbox"/> At Grade <input type="checkbox"/> RR Under <input type="checkbox"/> RR Over	20. Public Access (if Private Crossing) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	21. Type of Train <input checked="" type="checkbox"/> Freight <input type="checkbox"/> Intercity Passenger <input type="checkbox"/> Commuter
---	---	--	---	---

23. Type of Land Use <input type="checkbox"/> Open Space <input type="checkbox"/> Farm <input type="checkbox"/> Residential <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional	24. Is there an Adjacent Crossing with a Separate Number? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Provide Crossing Number	25. Quiet Zone (FRA provided) <input checked="" type="checkbox"/> No <input type="checkbox"/> 24 Hr <input type="checkbox"/> Partial <input type="checkbox"/> Chicago I
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26. HSR Corridor ID <input checked="" type="checkbox"/> N/A	27. Latitude in decimal degrees (WGS84 std: nn.nnnnnnn) 41.5821887	28. Longitude in decimal degrees (WGS84 std: -nnn.nnnnnnn) -93.63
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30.A. Railroad Use *	31.A. State Use *
30.B. Railroad Use *	31.B. State Use *
30.C. Railroad Use *	31.C. State Use *
30.D. Railroad Use *	31.D. State Use *

32.A. Narrative (Railroad Use) *	32.B. Narrative (State Use) *
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33. Emergency Notification Telephone No. (posted) 800-321-3891	34. Railroad Contact (Telephone No.) 319-298-5417
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Part II: Railroad Information

1. Estimated Number of Daily Train Movements					
1.A. Total Day Thru Trains (6 AM to 6 PM) 4	1.B. Total Night Thru Trains (6 PM to 6 AM) 1	1.C. Total Switching Trains 1	1.D. Total Transit Trains 0	1.E. Check if Less Than One Movement Per Day How many trains per week? <input type="checkbox"/>	
2. Year of Train Count Data (YYYY) 2023		3. Speed of Train at Crossing 3.A. Maximum Timetable Speed (mph) 25 3.B. Typical Speed Range Over Crossing (mph) From 10 to 20			
4. Type and Count of Tracks Main 1 Siding 0 Yard 1 Transit 0 Industry 0					
5. Train Detection (Main Track only) <input type="checkbox"/> Constant Warning Time <input checked="" type="checkbox"/> Motion Detection <input type="checkbox"/> AFO <input type="checkbox"/> PTC <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> None					
6. Is Track Signaled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7.A. Event Recorder <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7.B. Remote Health Monitoring <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

FORM FRA F 6180.71 (Rev. 3/15)

OMB approval expires 01/31/2026

Page 1 Of 2

U. S. DOT CROSSING INVENTORY FORM

A. Revision Date (MM/DD/YYYY) 12/08/2023	PAGE 2	D. Crossing Inventory Number (7 char.) R1016021
Part III: Highway or Pathway Traffic Control Device Information		
1. Are there Signs or Signals?	2. Types of Passive Traffic Control Devices associated with the Crossing	2.C. YIELD Signs (R1-2) (count)
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.A. Crossbuck Assemblies (count) 0	2.D. Advance Warning Signs (Check all that apply; include count) <input type="checkbox"/> None <input checked="" type="checkbox"/> W10-1 1 <input type="checkbox"/> W10-3 <input type="checkbox"/> W10-11

safetydata.fra.dot.gov

9. Railroad Division or Region <input type="checkbox"/> None <input checked="" type="checkbox"/> DES MOINES	10. Railroad Subdivision or District <input type="checkbox"/> None <input checked="" type="checkbox"/> COUNCIL BLUFFS	11. Branch or Line Name <input checked="" type="checkbox"/> None
13. Line Segment *	14. Nearest RR Timetable Station DES MOINES	15. Parent RR (if applicable) <input checked="" type="checkbox"/> N/A
17. Crossing Type <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private	18. Crossing Purpose <input checked="" type="checkbox"/> Highway <input type="checkbox"/> Pathway, Ped. <input type="checkbox"/> Station, Ped.	19. Crossing Position <input checked="" type="checkbox"/> At Grade <input type="checkbox"/> RR Under <input type="checkbox"/> RR Over
20. Public Access (if Private Crossing) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	21. Type of Train <input checked="" type="checkbox"/> Freight <input type="checkbox"/> Intercity Passenger <input type="checkbox"/> Commuter	
23. Type of Land Use <input type="checkbox"/> Open Space <input type="checkbox"/> Farm <input type="checkbox"/> Residential <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional	24. Is there an Adjacent Crossing with a Separate Number? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Provide Crossing Number	25. Quiet Zone (FRA provided) <input checked="" type="checkbox"/> No <input type="checkbox"/> 24 Hr <input type="checkbox"/> Partial <input type="checkbox"/> Chicago I
26. HSR Corridor ID <input checked="" type="checkbox"/> N/A	27. Latitude in decimal degrees (WGS84 std: nn.nnnnnnn) 41.5821887	28. Longitude in decimal degrees (WGS84 std: -nnn.nnnnnnn) -93.63
30.A. Railroad Use *	31.A. State Use *	
30.B. Railroad Use *	31.B. State Use *	
30.C. Railroad Use *	31.C. State Use *	
30.D. Railroad Use *	31.D. State Use *	
32.A. Narrative (Railroad Use) *	32.B. Narrative (State Use) *	
33. Emergency Notification Telephone No. (posted) 800-321-3891	34. Railroad Contact (Telephone No.) 319-298-5417	
Part II: Railroad Information		
1. Estimated Number of Daily Train Movements		
1.A. Total Day Thru Trains (6 AM to 6 PM) 4	1.B. Total Night Thru Trains (6 PM to 6 AM) 1	1.C. Total Switching Trains 1
1.D. Total Transit Trains 0	1.E. Check if Less Than One Movement Per Day How many trains per week? <input type="checkbox"/>	
2. Year of Train Count Data (YYYY) 2023		3. Speed of Train at Crossing 3.A. Maximum Timetable Speed (mph) 25 3.B. Typical Speed Range Over Crossing (mph) From 10 to 20
4. Type and Count of Tracks Main 1 Siding 0 Yard 1 Transit 0 Industry 0		
5. Train Detection (Main Track only) <input type="checkbox"/> Constant Warning Time <input checked="" type="checkbox"/> Motion Detection <input type="checkbox"/> AFO <input type="checkbox"/> PTC <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> None		
6. Is Track Signaled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7.A. Event Recorder <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

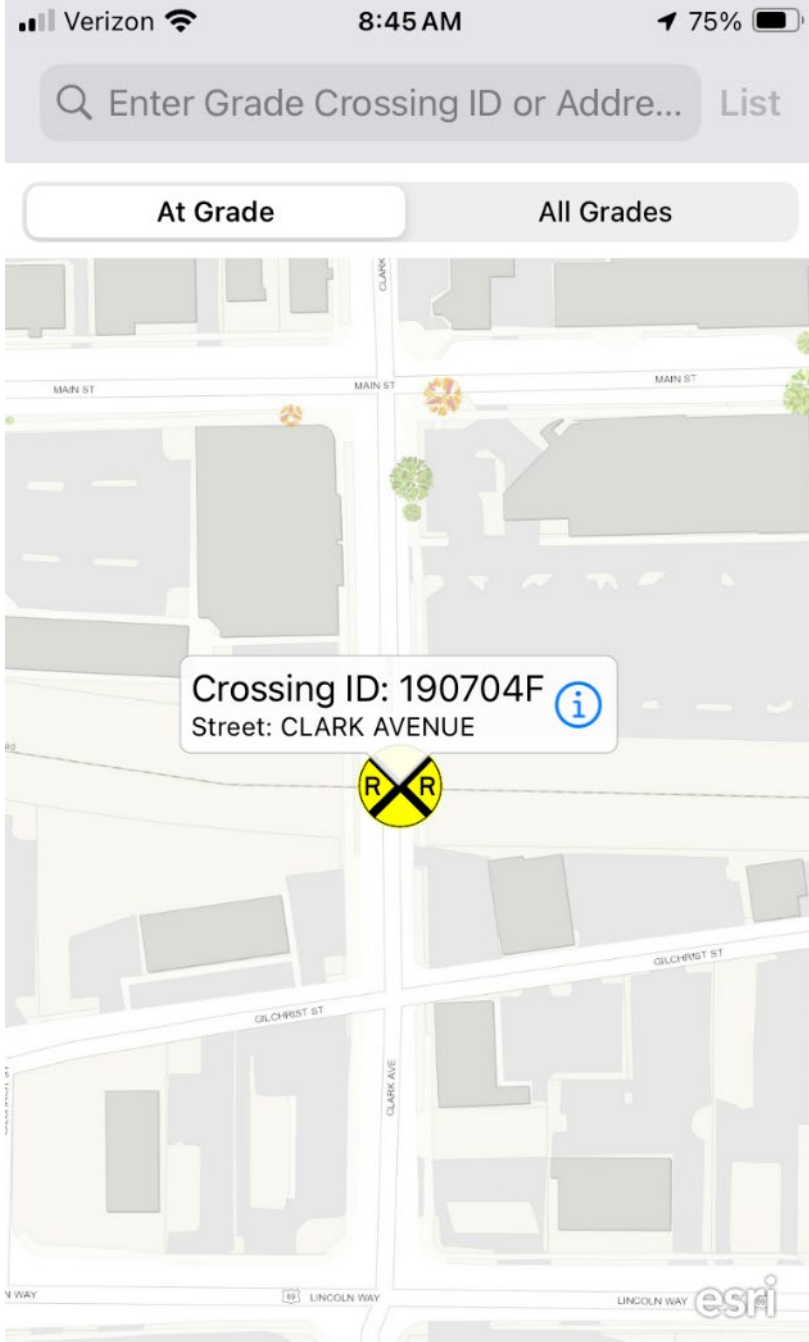
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U. S. DOT CROSSING INVENTORY FORM

A. Revision Date (MM/DD/YYYY) 12/08/2023	PAGE 2	D. Crossing Inventory Number (7 char.) R1016021
Part III: Highway or Pathway Traffic Control Device Information		
1. Are there Signs or Signals?	2. Types of Passive Traffic Control Devices associated with the Crossing	2.C. YIELD Signs (R1-2) (count)
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.A. Crossbuck Assemblies (count) 0	2.D. Advance Warning Signs (Check all that apply; include count) <input type="checkbox"/> None <input checked="" type="checkbox"/> W10-1 1 <input type="checkbox"/> W10-3 <input type="checkbox"/> W10-11
2.E. Low Ground Clearance Sign (W10-5) <input checked="" type="checkbox"/> Yes (count _____) <input type="checkbox"/> No	2.F. Pavement Markings <input checked="" type="checkbox"/> Stop Lines <input type="checkbox"/> Dynamic Envelope <input checked="" type="checkbox"/> RR Xing Symbols <input type="checkbox"/> None	2.G. Channelization Devices/Medians <input checked="" type="checkbox"/> All Approaches <input checked="" type="checkbox"/> Median <input type="checkbox"/> One Approach <input type="checkbox"/> None

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Locator 8:46 AM 75%

4. City / Municipality <input checked="" type="checkbox"/> In <input type="checkbox"/> Near AMES	5. Street/Road Name & Block Number CLARK AVENUE (Street/Road Name) * (Block Number)	6. High LOCA	
7. Do Other Railroads Operate a Separate Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR		8. Do Other Railroads Operate Over Your If Yes, Specify RR	
9. Railroad Division or Region <input type="checkbox"/> None GREAT LAKES	10. Railroad Subdivision or District <input type="checkbox"/> None Clinton Sub	11. Branch or Line Name <input checked="" type="checkbox"/> None	
13. Line Segment *	14. Nearest RR Timetable Station *	15. Parent RR (if applicable) <input checked="" type="checkbox"/> N/A	
17. Crossing Type <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private	18. Crossing Purpose <input checked="" type="checkbox"/> Highway <input type="checkbox"/> Pathway, Ped. <input type="checkbox"/> Station, Ped.	19. Crossing Position <input checked="" type="checkbox"/> At Grade <input type="checkbox"/> RR Under <input type="checkbox"/> RR Over	
20. Public Access (if Private Crossing) <input type="checkbox"/> Yes <input type="checkbox"/> No		21. Type of Train <input checked="" type="checkbox"/> Freight <input type="checkbox"/> Intercity Passenger <input type="checkbox"/> Commuter	
23. Type of Land Use <input type="checkbox"/> Open Space <input type="checkbox"/> Farm <input type="checkbox"/> Residential <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional <input type="checkbox"/> Re			
24. Is there an Adjacent Crossing with a Separate Number? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Provide Crossing Number		25. Quiet Zone (FRA provided) <input type="checkbox"/> No <input checked="" type="checkbox"/> 24 Hr <input type="checkbox"/> Partial <input type="checkbox"/> Chicago Excu	
26. HSR Corridor ID <input checked="" type="checkbox"/> N/A	27. Latitude in decimal degrees (WGS84 std: nn.nnnnnnn) 42.0241450	28. Longitude in decimal degrees (WGS84 std: -nnn.nnnnnnn) -93.6168451	
30.A. Railroad Use *		31.A. State Use *	
30.B. Railroad Use *		31.B. State Use *	
30.C. Railroad Use *		31.C. State Use *	
30.D. Railroad Use *		31.D. State Use * NOE 12/6/2010	
32.A. Narrative (Railroad Use) *		32.B. Narrative (State Use) *	
33. Emergency Notification Telephone 800-848-8777		34. Emergency Notification 402-544-3721	
35. State 515-2			
Part II: Railroad Information			
1. Estimated Number of Daily Train Movements			
1.A. Total Day Thru Trains (6 AM to 6 PM) 22	1.B. Total Night Thru Trains (6 PM to 6 AM) 21	1.C. Total Switching Trains 8	1.D. Total Transit Trains 0
2. Year of Train Count Data (YYYY) 20		3. Speed of Train at Crossing 3.A. Maximum Timetable Speed (mph) 40 3.B. Typical Speed Range Over Crossing (mph) From 20 to 40	
4. Type and Count of Tracks Main 2 Siding 0 Yard 0 Transit 0 Industry 0			
5. Train Detection (Main Track only) <input checked="" type="checkbox"/> Constant Warning Time <input type="checkbox"/> Motion Detection <input type="checkbox"/> AFO <input type="checkbox"/> PTC <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> None			
6. Is Track Signaled? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		7.A. Event Recorder <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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

U. S. DOT CROSSING INVENTORY FORM

A. Revision Date (MM/DD/YYYY)
05/28/2024

PAGE 2

D. Cross
190704

Part III: Highway or Pathway Traffic Control Device Informa

1. Are there Signs or Signals? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Types of Passive Traffic Control Devices associated with the Crossing	2.C. YIELD Signs (R1-2) (count) 0	2.D. Advance Warning Signs (W10-1) 2 W10-2 2
2.E. Low Ground Clearance Sign (W10-5) <input type="checkbox"/> Yes <input type="checkbox"/> No	2.F. Pavement Markings <input type="checkbox"/> Solid <input type="checkbox"/> Dashed	2.G. Channelization Devices/Medians <input type="checkbox"/> Yes <input type="checkbox"/> No	2.H. (R1)



Thank you!

IOWA | DOT



james.glaspie@iowadot.us



515-567-0715

<https://iowadot.gov/transportation-development/rail>

