

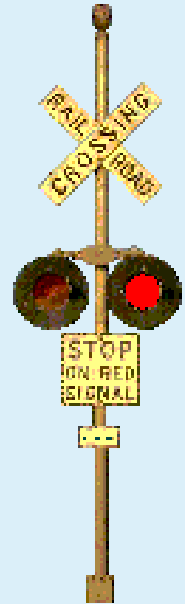


***2024 COUNTY ENGINEER'S WORKSHOP
MDOT RAIL SAFETY & ADMINISTRATION***

RAIL SAFETY SECTION

WHAT DO WE DO?

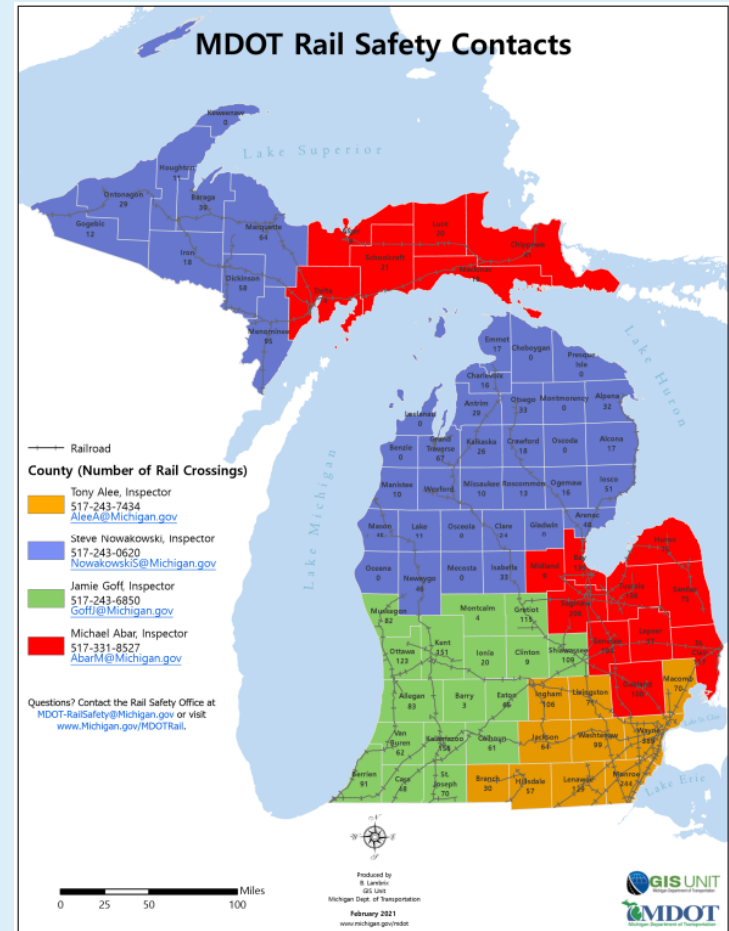
- On-Site Inspections of all public crossings, approximately 2,400 locations per year.
- Issue corrective notices as warranted.
- Assist our Road Authorities and Railroad partners with crossing concerns.
- Diagnostic Study Team Reviews (DSTRs)
- Legal Orders & Enforcement.



RAIL SAFETY SECTION

HOW DO WE DO IT?

- Four Safety Inspectors
- Four Support Staff
- One new software program
- Patience
- Perseverance
- Communication



WHEN AND HOW TO CONTACT US

- When a road or shared-use pathway project will take place within 250' of a public railroad crossing.
- Preferably 18-24 months before a road project and 36-48 months before a shared-use pathway project.
- Complete and submit a Diagnostic Study Team Review Request (1425) from the MDOT Website (Michigan.gov/MDOTRail)



WHEN AND HOW TO CONTACT US

➤ go to Michigan.gov/MDOTRail, then select Michigan Safety Regulation

Michigan Department of Transportation
1425 (10/20)

[Clear Form](#)

NOTIFICATION OF PROPOSED PROJECT INVOLVING A PUBLIC RAILROAD CROSSING

INSTRUCTIONS: TO BE COMPLETED BY ROAD AUTHORITY OR RAILROAD. PLEASE ATTACH A COPY OF APPLICABLE PLANS IF AVAILABLE.

Road Project - MDOT will determine if a diagnostic review is needed.

New Crossing - A review is required for new public roadways or trails proposed to cross a rail line, or for new rail lines to cross an existing public roadway or trail.

Other - _____

DATE: _____ MDOT JOB #: _____ LAP or TAP CONTACT: _____

CROSSING IDENTIFICATION

NAME OF EXISTING OR PROPOSED ROAD/TRAIL		ROAD AUTHORITY	
COUNTY		CITY / VILLAGE / TOWNSHIP	
RAILROAD	NATIONAL INVENTORY #	TRAIN MOVES (Projected if new track) PER _____ (DAY/WEEK/ETC)	
CURRENT ADT	YEAR	PROJECTED ADT (Max. 5 years out)	YEAR

WRITTEN DOCUMENTATION OF CURRENT ADT (WITHIN 3 YEARS / 24 HOUR STUDY) MUST BE PROVIDED AT THE REVIEW.

PROJECT INFORMATION

BRIEF DESCRIPTION OF PROPOSED PROJECT (Attach additional sheets if necessary)

DESCRIPTION OF PLANNED TRAFFIC CONTROL AT CROSSING DURING CONSTRUCTION

PROXIMITY OF WORK TO NEAREST RAIL IN CROSSING: _____ ft SOURCE OF ROAD FUNDING (Check one): Local / Federal-aid

ROADWAY DIMENSIONS	CURRENT	PLANNED
Number of Lanes		
Total Road Width		
Shoulder Width		
Curb & Gutter	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO

WILL ROADWAY ELEVATION CHANGE IN RELATION TO CROSSING ELEVATION? YES NO WILL ALIGNMENT OF THE ROADWAY CHANGE? YES (if yes, please explain above) NO

PROPOSED CONSTRUCTION START DATE _____ SOURCE OF FUNDS FOR POTENTIAL RAILROAD SURFACE / SIGNAL WORK _____

CONTACT INFORMATION

NAME / TITLE	PHONE	FAX
ORGANIZATION	E-MAIL	
ADDRESS	CITY	STATE ZIP CODE

Please complete and return with a copy of the plans (if available) to MDOT-RailSafety@Michigan.gov.

use the correct NI#

RAILROAD	NATIONAL INVENTORY #	TRAIN MOVES (Projected if new track) PER _____ (DAY/WEEK/ETC)	
CURRENT ADT	YEAR	PROJECTED ADT (Max. 5 years out)	YEAR

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CONTACT INFORMATION

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ORGANIZATION	E-MAIL	
ADDRESS	CITY	STATE ZIP CODE

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submit to: MDOT-RailSafety@Michigan.gov

HELP US HELP YOU

- Always use the correct National Inventory # for the subject crossing location.
- Limit plan attachments to crossing detail sheet only.
- Provide updated ADT counts whenever possible.
- **Read our correspondence!! (please)**

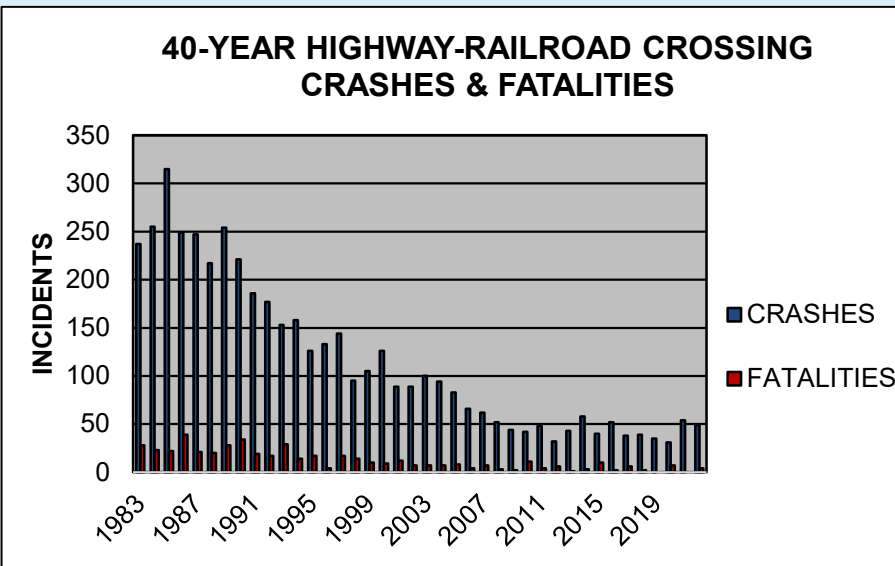
HOW WE CAN HELP YOU



- ❖ **Share communications and mandates**
- ❖ **Share knowledge and best practices relating to crossing safety**
- ❖ **Assist in preparation of appropriate paperwork to support LAP and/or locally-funded projects**
- ❖ **Open the door of communication between railroads & road authorities**

LOCAL GRADE CROSSING PROGRAM WARNING DEVICE ENHANCEMENTS

- ▶ 4400 local crossings
- ▶ 2100+ with no lights/gates
- ▶ 25-30 projects/year
- ▶ Importance of good data!



- ▶ DSTR Coordination
- ▶ Federal/State funding
- ▶ Record low crashes
- ▶ 90% Crash reduction
- ▶ Crossing Closure Program

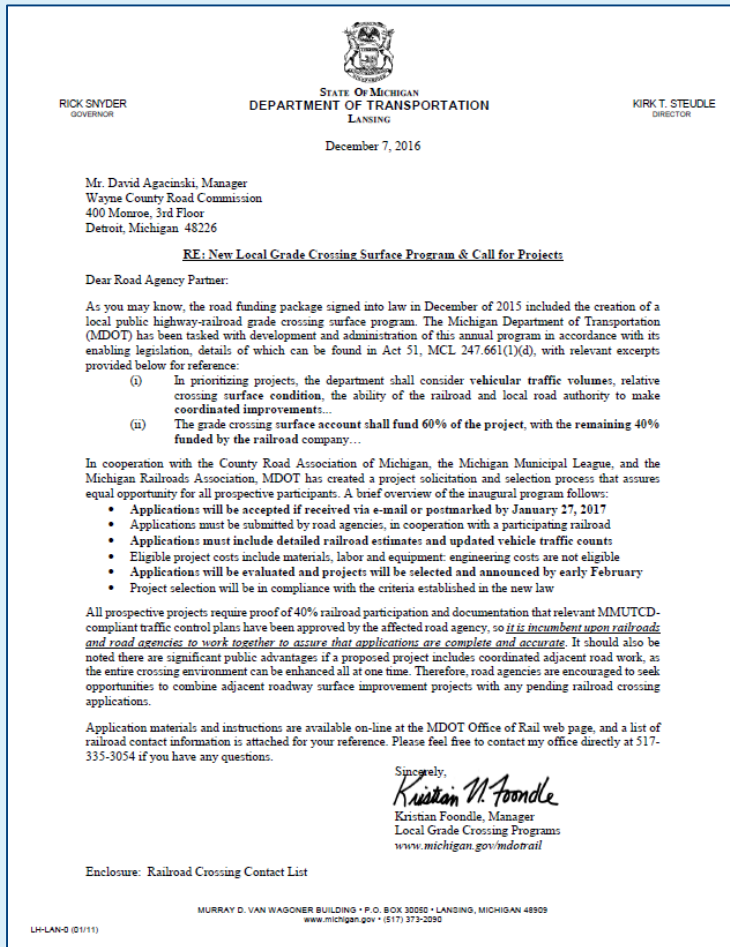
LOCAL GRADE CROSSING PROGRAM ROADWAY PROJECT COORDINATION

- Pre-Project Planning
- Alternative Solutions
- LAP Coordination
- Financial Assistance



- 3-6 Month Design
- 2-3 Month Material Lead
- 3-4 Week Installation
- *Authorization Required!*

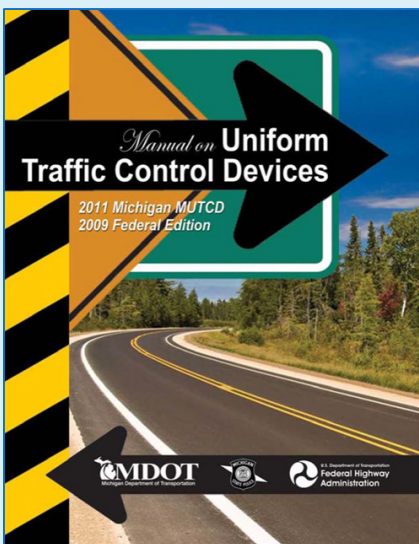
LOCAL GRADE CROSSING PROGRAM SURFACE FUNDING



- \$3M Annual Program
- Eligible to Road Agencies
- 100 Applications/year
- 40-45 Projects/year
- Next Call for Projects: Summer 2024

OFFICE OF RAIL GUIDANCE & SUPPORT

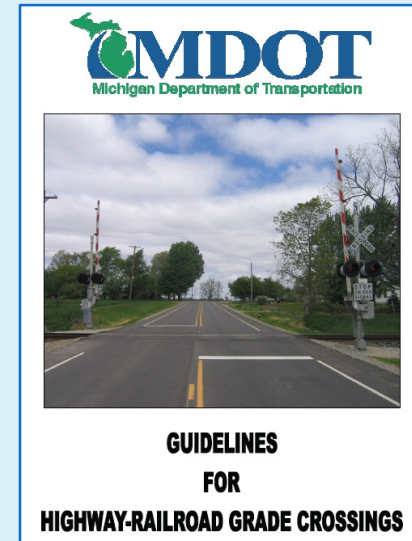
- Michigan Manual of Uniform Traffic Control Devices
- Guidelines for Highway-Railroad Grade Crossings
- Railroad Code (Public Act 354 of 1993)



CONTACTS

- Rail Safety Manager
Kris Foondle, 517-648-7588
- Local Grade Crossing Analyst
Alexis Louth, 517-897-2103

www.michigan.gov/mdotrail





Questions / Answers
Thank You!