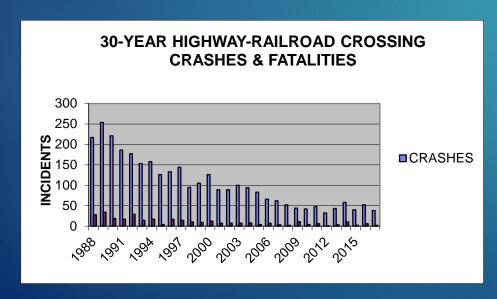
LOCAL GRADE CROSSING PROGRAM WHAT WE DO

- Section 130 Warning Device Enhancements
- ▶ Grade Crossing Closure Incentives & Awards
- ▶ 60/40 Grants for Local Crossing Surface Work
- ► Local Road Projects: Railroad Coordination



Local Grade Crossing Program WARNING DEVICE ENHANCEMENTS

- ► 4400 local crossings
- ► 2100+ with no lights/gates
- ▶ 40-50 projects/year
- ► Importance of ADT's!!!





- Federal/State funding
- Record low crashes
- Record low fatalities
- ▶90% Crash reduction

Local Grade Crossing Program CASE STUDY EXAMPLE

Crawford County: Four Mile Road

2014 Data on-file

ADT = 150 from 1997

Trains per day = 1.7

Exposure Score = 205

Risk Ranking = 510/802





2016 Road Project
ADT = 2355 from 2016
Trains per day = 1.7
Exposure Score = 3203
Risk Ranking = 24/802

Local Grade Crossing Program ROADWAY CLOSURE PROJECTS

- ► Up to \$150,000 closure incentive
- Multiple closure bonus available
- Awards calculated per crossing
- Local choices, local investments





- ▶62 Crossings closed
- ▶\$6.1 Million invested

Local Grade Crossing Program NEW 60/40 SURFACE FUNDING



RICK SNYDER

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

KIRK T. STEUDLE

December 7, 2016

Mr. David Agacinski, Manager Wayne County Road Commission 400 Monroe, 3rd Floor Detroit, Michigan 48226

RE: New Local Grade Crossing Surface Program & Call for Projects

Dear Road Agency Partner:

As you may know, the road funding package signed into law in December of 2015 included the creation of a local public highway-railroad grade crossing surface program. The Michigan Department of Transportation (MDOT) has been tasked with development and administration of this annual program in accordance with its enabling legislation, details of which can be found in Act 51, MCL 247.661(1)(d), with relevant excerpts provided below for reference.

- (i) In prioritizing projects, the department shall consider vehicular traffic volumes, relative crossing surface condition, the ability of the railroad and local road authority to make coordinated improvements...
- (ii) The grade crossing surface account shall fund 60% of the project, with the remaining 40% funded by the railroad company...

In cooperation with the County Road Association of Michigan, the Michigan Municipal League, and the Michigan Railroads Association, MIOT has created a project solicitation and selection process that assures equal opportunity for all prospective participants. A brief overview of the inaugural program follows:

- Applications will be accepted if received via e-mail or postmarked by January 27, 2017
- · Applications must be submitted by road agencies, in cooperation with a participating railroad
- · Applications must include detailed railroad estimates and updated vehicle traffic counts
- Eligible project costs include materials, labor and equipment: engineering costs are not eligible
- Applications will be evaluated and projects will be selected and announced by early February
- · Project selection will be in compliance with the criteria established in the new law

All prospective projects require proof of 40% railroad participation and documentation that relevant MMUTCDcompliant traffic control plans have been approved by the affected road agency, so <u>it is incumbent upon railroads</u> <u>and road agencies to work together to assure that applications are complete and accurate</u>. It should also be noted there are significant public advantages if a proposed project includes coordinated adjacent road work, as the entire crossing environment can be enhanced all at one time. Therefore, road agencies are encouraged to seek opportunities to combine adjacent roadway surface improvement projects with any pending railroad crossing applications.

Application materials and instructions are available on-line at the MDOT Office of Rail web page, and a list of railroad contact information is attached for your reference. Please feel free to contact my office directly at 517-335-3054 (fry on have any questions.

Kristian M. Toondle
Kristian Foondle, Manager
Local Grade Crossing Programs
www.michigan.gov/mdomail

Enclosure: Railroad Crossing Contact List

\$3M Annual Program

- Eligible to Road Agencies
- ► 100 Applications/year
- 55 Projects/year
- August 2019Next Call for Projects

Local Grade Crossing Program FUNDING SUPPORT FOR ROAD PROJECTS



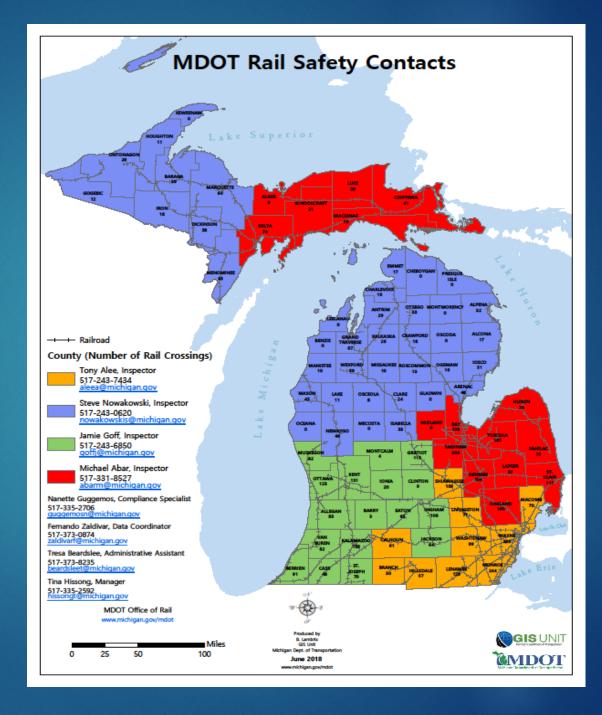
- Federal-Aid eligible work elements
- Incorporate work into project budget
- Locally-funded road projects
- Requires Diagnostic Study Team Review

RAIL SAFETY SECTION WHAT WE DO

- On-Site Crossing Inspection Reviews, approx. 2,300 crossings per year
- Diagnostic Study Team Reviews (DSTRs)
- Assist Railroads & Road Authorities with public at-grade crossing issues



Rail Safety Section Statewide Coverage



When To Contact Us & How

When a road or trail project will take place within 250 feet of a public at-grade railroad crossing.

Obtain the 1425 form from the MDOT Website (Michigan.gov/MDOTRail) to request a Diagnostic Study Team Review.

Complete the form and return to me.



What is a Diagnostic Study Team Review (DSTR)?

A DSTR team consists of knowledgeable representatives from MDOT, the Road Authority and the Railroad.

The MDOT Railroad Safety Inspector facilitates.

The Team reviews the railroad crossing configuration, including the surrounding roadway, and the road/trail project specifics to determine if safety enhancements are warranted.

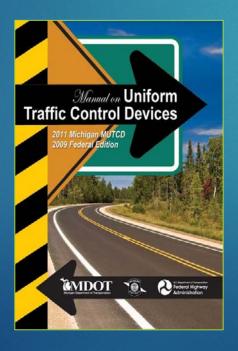
DSTRs for Road Projects

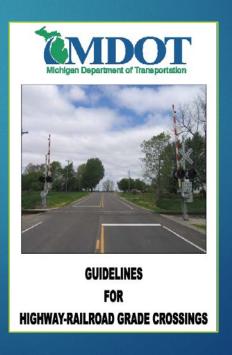
- Are held when changes will be made to the width, height or configuration of the roadway.
- When traffic flow or volumes will change during construction.
- If changes to the roadway will increase permanent traffic volumes.

If crossing surfaces need to be addressed.

RAIL Safety Guidance Documents

- Michigan Railroad Code (Public Act 354 of 1993)
- Michigan Manual of Uniform Traffic Control Devices (Part 8 & 9)
- Guidelines for Highway-Railroad Grade Crossings
- All are located at Michigan.gov/MDOTRail







Thank you! Please Contact Us With Questions!

Kris Foondle, Local Grade Program Manager (517) 335-3054 foondlek@michigan.gov

Tina Hissong, Rail Safety Manager (517) 335-2592 hissongt@michigan.gov

Michigan.gov/MDOTRail