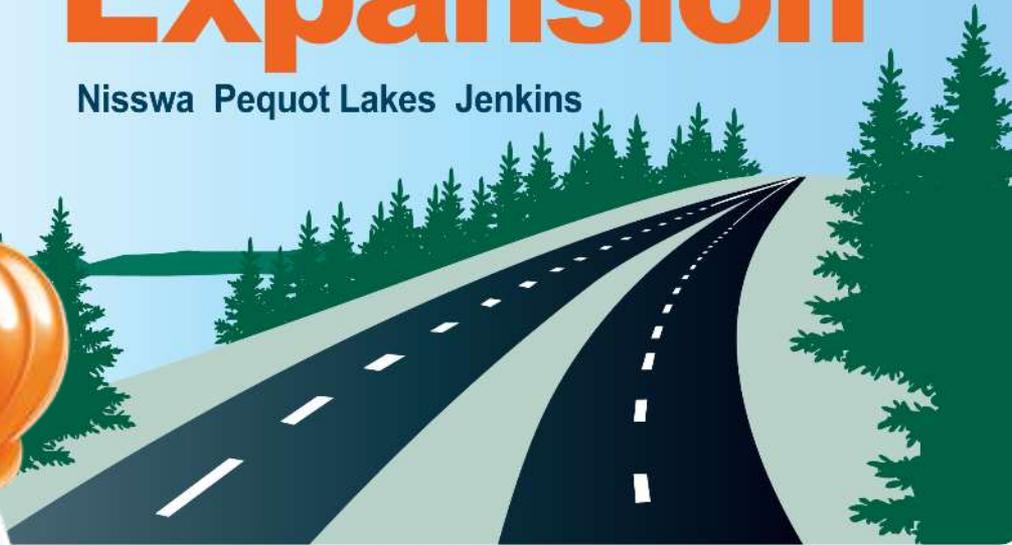


# Highway 371

FOUR LANE

# Expansion

Nisswa Pequot Lakes Jenkins



**Construct 2016-2017**

MnDOT Mathiowetz Construction WSB

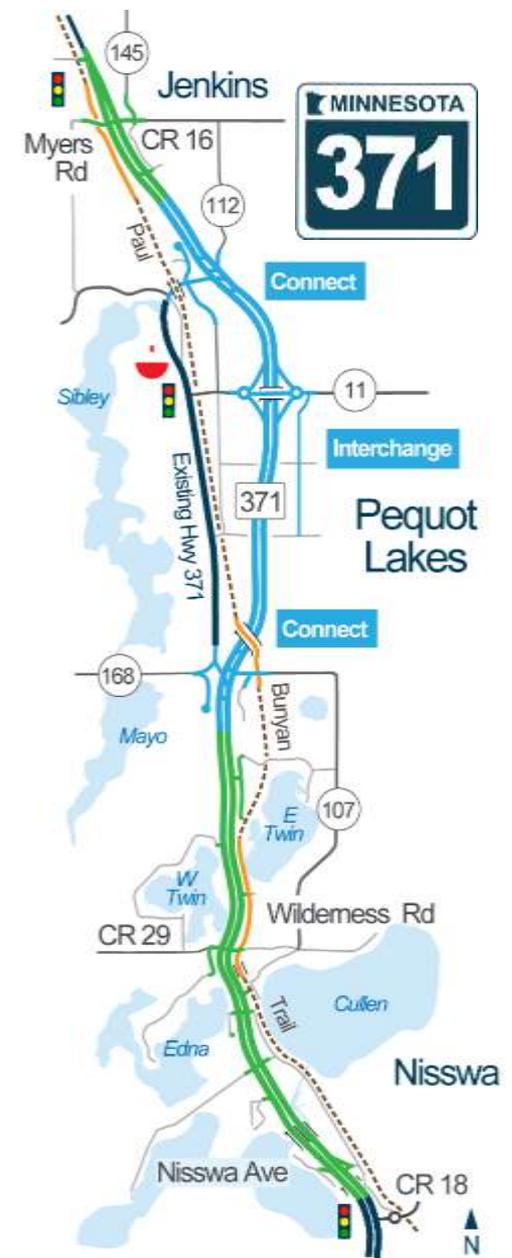
Presentation shown at Construction Open House in Pequot Lakes on Oct. 25, 2016



# Project overview

## Expand Hwy 371 to four lanes Nisswa, Pequot Lakes and Jenkins

- ▶ Construct a new alignment and County Road 11 interchange
- ▶ Construct three-sided box culvert bridge at Cullen Brook
- ▶ Realign the Paul Bunyan Trail, includes two trail bridges
- ▶ Construct and improve local road accesses and connections





# 2017 Construction

- ▶ Finish new lanes of Hwy 371
- ▶ Reconstruct existing lanes of Hwy 371
- ▶ Complete and open Hwy 371 alignment in Pequot Lakes
- ▶ Construct all road connections
- ▶ Reconstruct CR 16 intersection in Jenkins
- ▶ Any remaining work
- ▶ **New road opens fall 2017**



# What's done, what's ahead



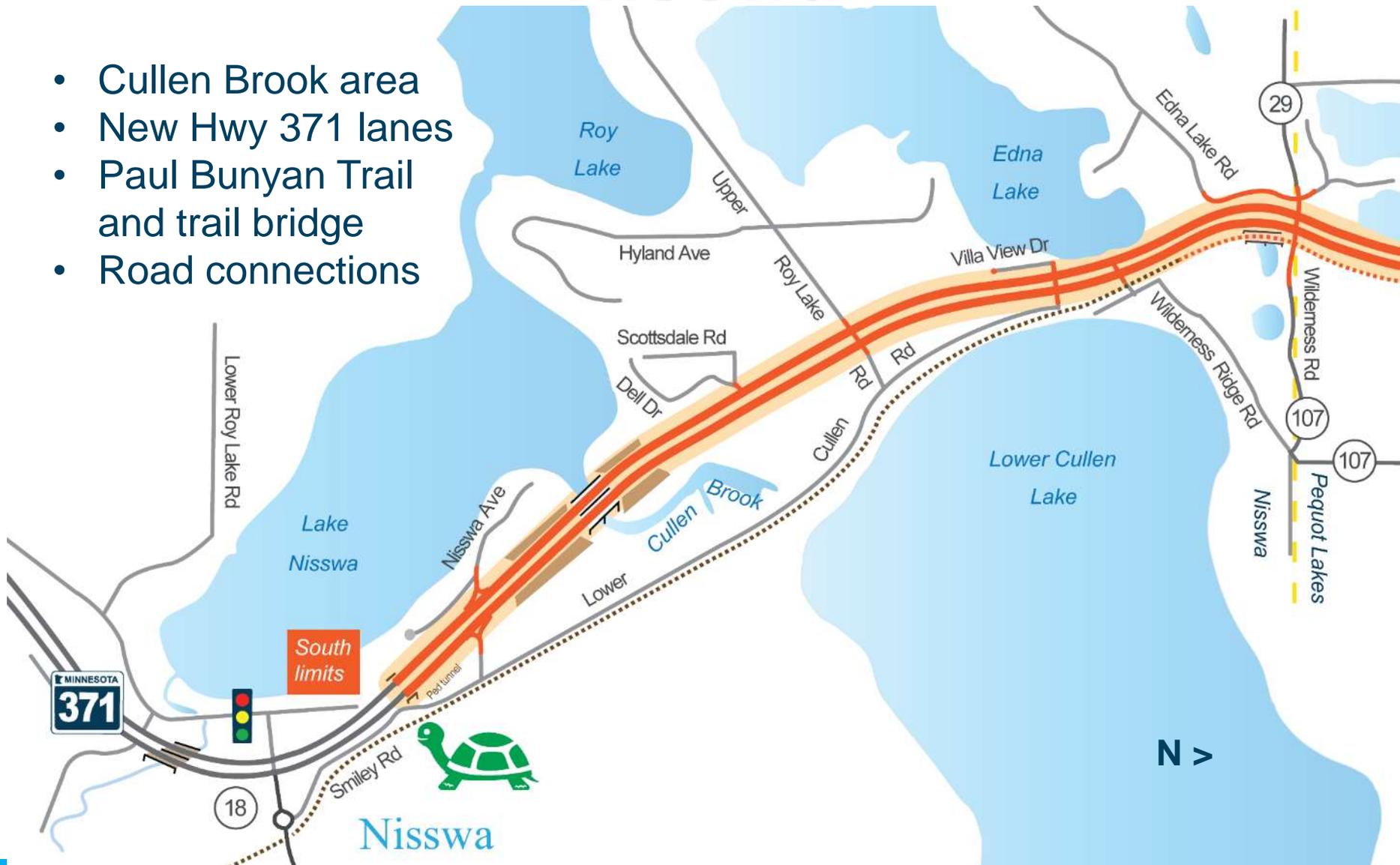
# Groundbreaking

Pequot Lakes on April 15, 2016



# Nisswa

- Cullen Brook area
- New Hwy 371 lanes
- Paul Bunyan Trail and trail bridge
- Road connections





## Mega mulch reused

Tree clearing and wood chipping is complete. All the wood chips/mulch is being reused to:

- Construct a platform at Cullen Brook
- Perimeter control along the entire project

Constructed over 3.5 miles  
of mulch berms

# Cullen Brook Nisswa



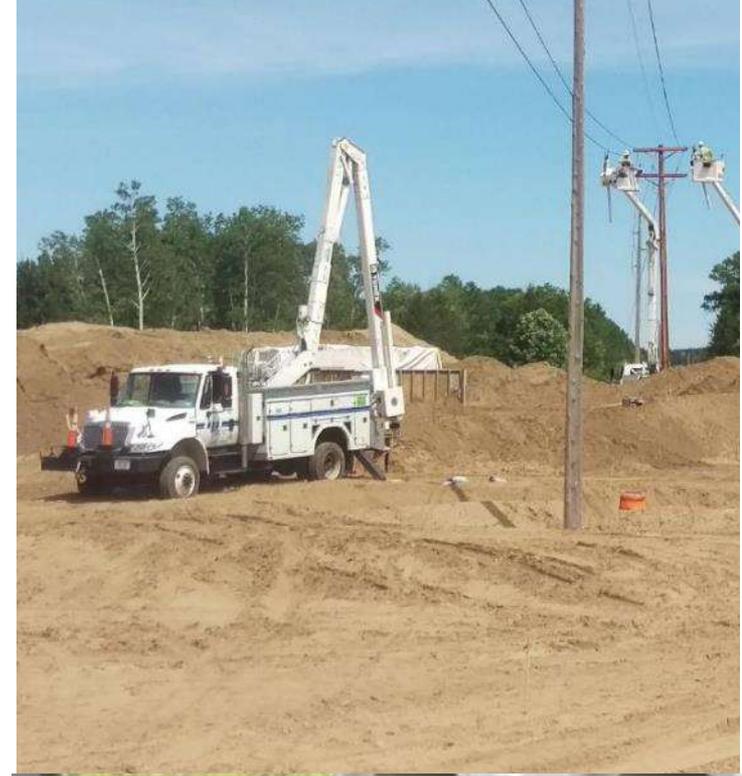
## ‘Wick’ Drain Platform

About 90 miles of wick materials were driven into the ground



# Utilities, drainage

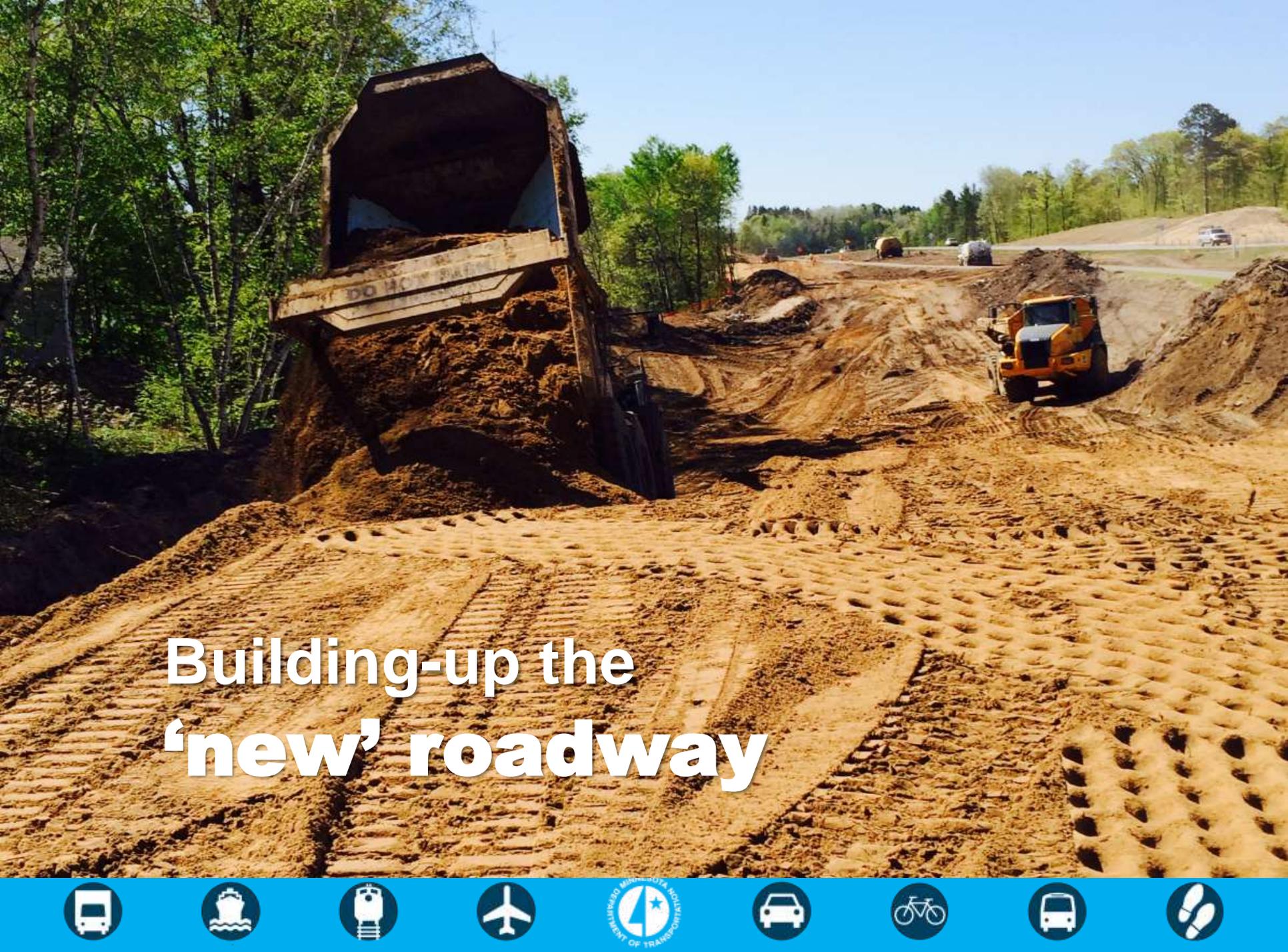
- ▶ Relocated 94 miles of utilities
- ▶ Installed more than 20,000 feet of drainage culverts
  - Total of 190 drainage structures



# Excavating

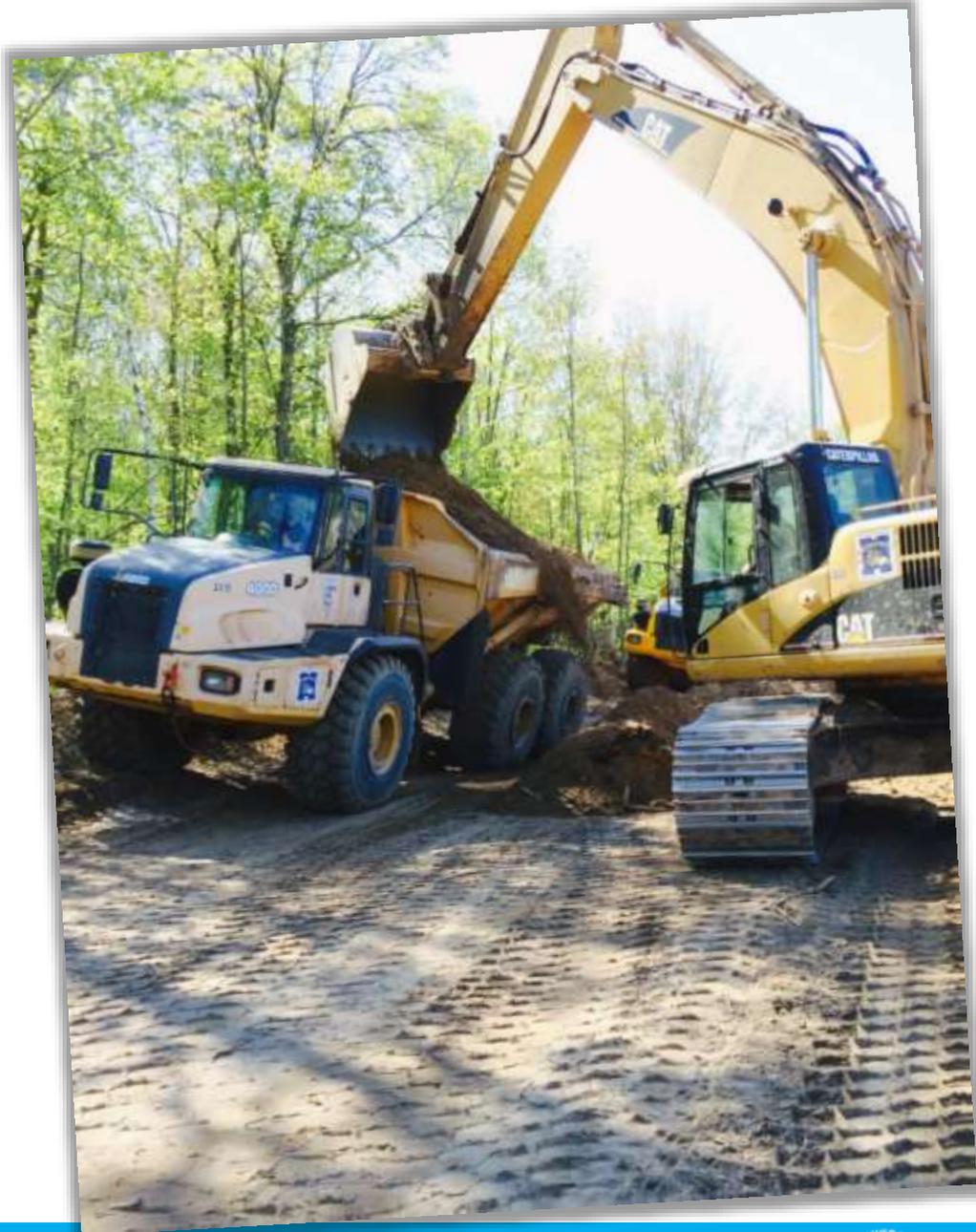
More than **120,000 scraper loads**,  
and **6,700 truckloads** of materials  
have been hauled





# Building-up the **'new'** roadway





# Earthmoving



# Earthmoving

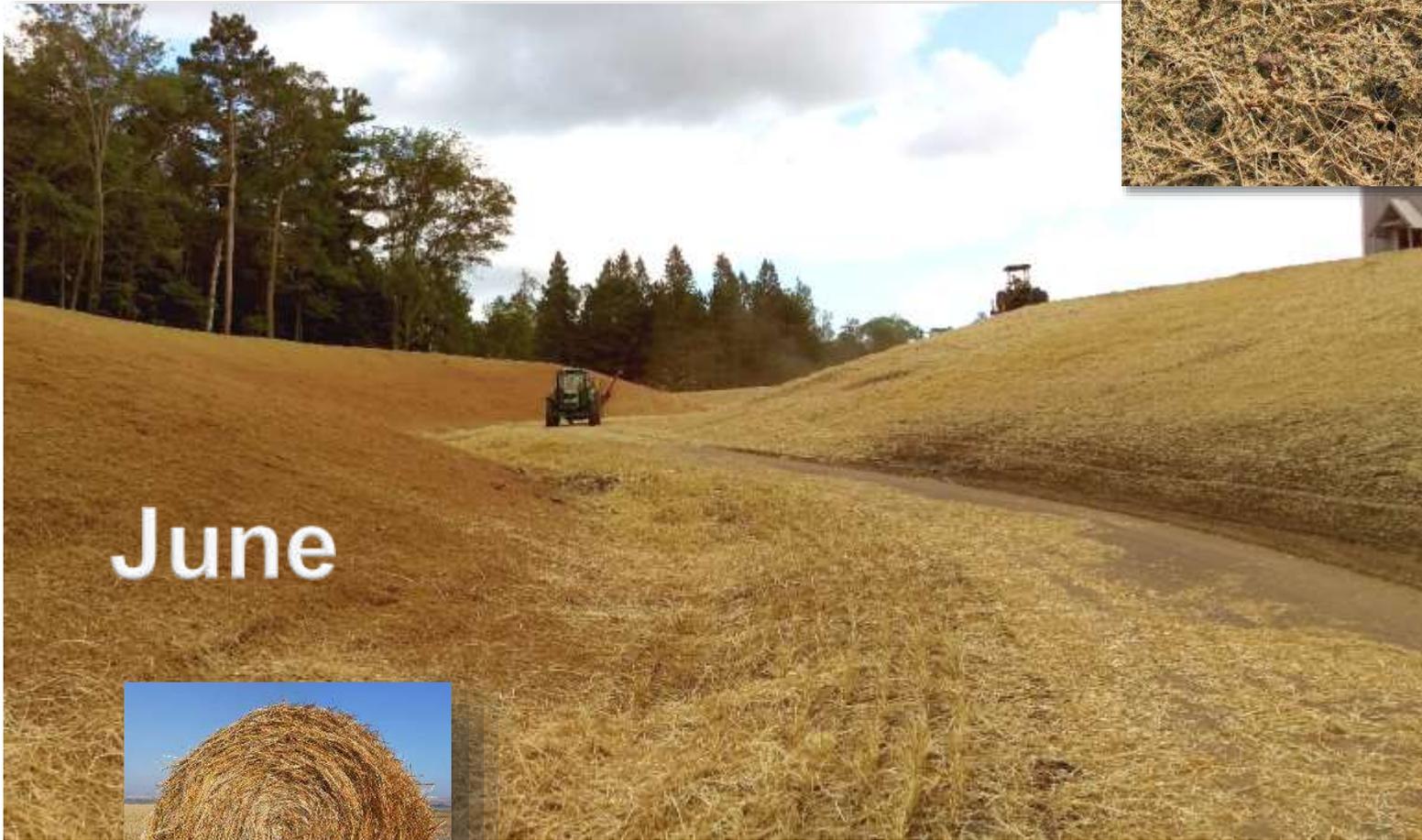


# Realign Paul Bunyan Trail

Three locations  
realigned to  
**make room** for the  
**'new' four-lane**



# Native prairie grass



June



Over 800 round bales of mulch used



# Native Prairie grass

Planted over  
10,000 lbs seeds



October



# Deer enjoying new growth



# Paul Bunyan Trail bridge

Wetland area south  
of Wilderness Rd



# Bridge arrives in sections



# Trail bridge opens



# Trail bridge



# Pequot Lakes

- New Hwy 371 lanes
- Paul Bunyan Trail and bridge
- Road connections





Pequot Lakes  
Paul Bunyan Trail Bridge





Pequot Lakes  
Paul Bunyan Trail Bridge  
Pouring bridge deck





## Pequot Lakes

Paul Bunyan Trail bridge  
Opened to trail users mid-September  
Will be painted in 2017

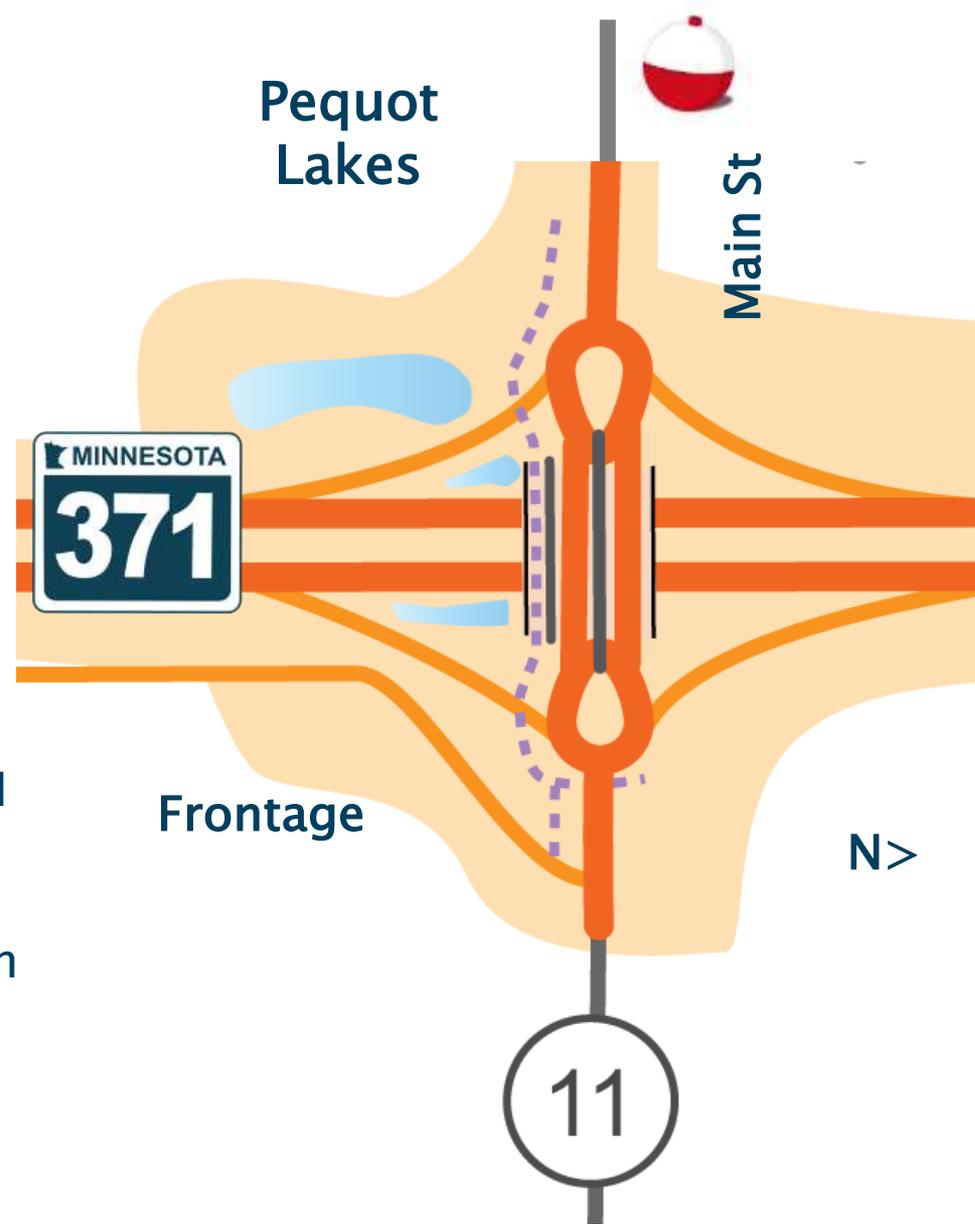


# Pequot Lakes

- New Hwy 371 lanes
- CR 11 interchange
- Road connections



# Constructed interchange



- CR 11 opens to traffic Nov. 1
- Oval roundabouts
- Concrete median divide
- Pedestrian sidewalk on south side



# Concrete placed





## Pequot Lakes

CR 11 overpass setting bridge beams





## Pequot Lakes

CR 11 overpass – setting bridge beams





## Pequot Lakes

CR 11 bridge over future Hwy 371



# CR 11 overpass Paving operations



Installed 10,000 feet  
of curb on project





## Pequot Lakes

Looking south at new Hwy 371 from CR 11 overpass  
Opens in Summer 2017





## Pequot Lakes

Looking north at new Hwy 371  
from CR 11 overpass





**Paved 60,000 tons of bituminous,  
total of 2,608 truck loads**

**Pequot Lakes**

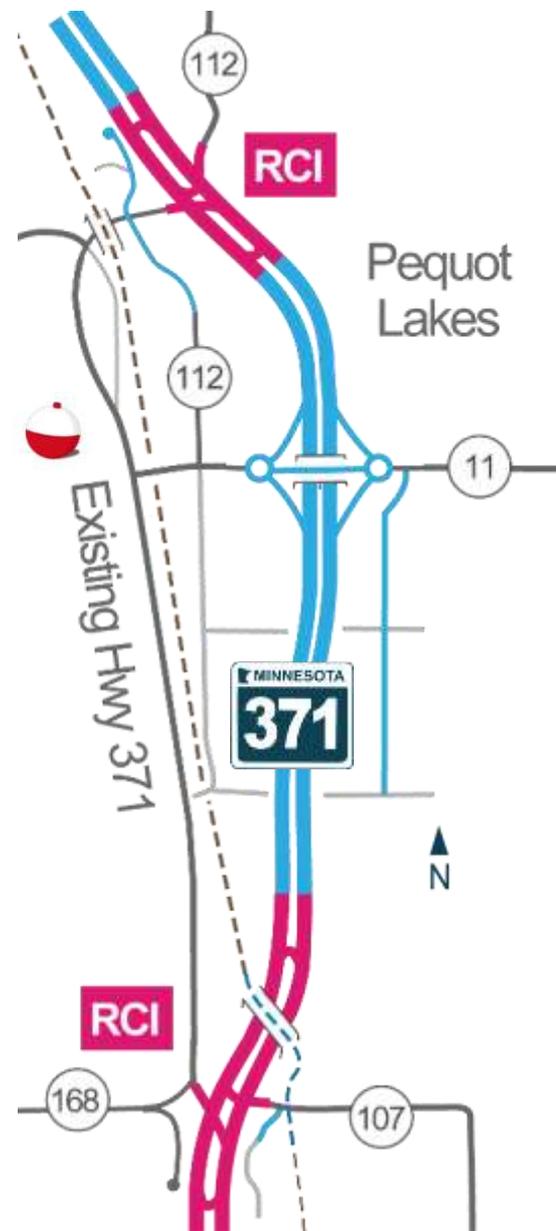
Hwy 371 looking south



# Reduced Conflict Intersections - RCIs

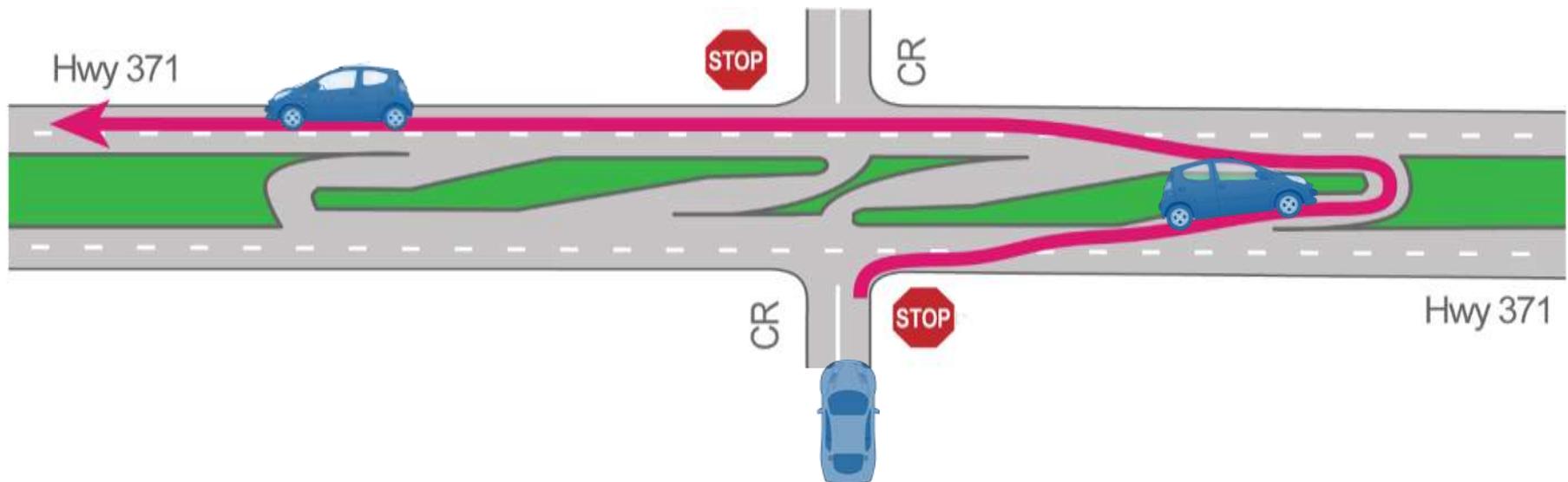
Decrease fatalities and injuries caused by broadside crashes on four-lane divided highways

- ▶ Two RCIs will be constructed on Hwy 371 for safer access
  - South Pequot at County Rd 168/107
  - North Pequot at County Rd 112



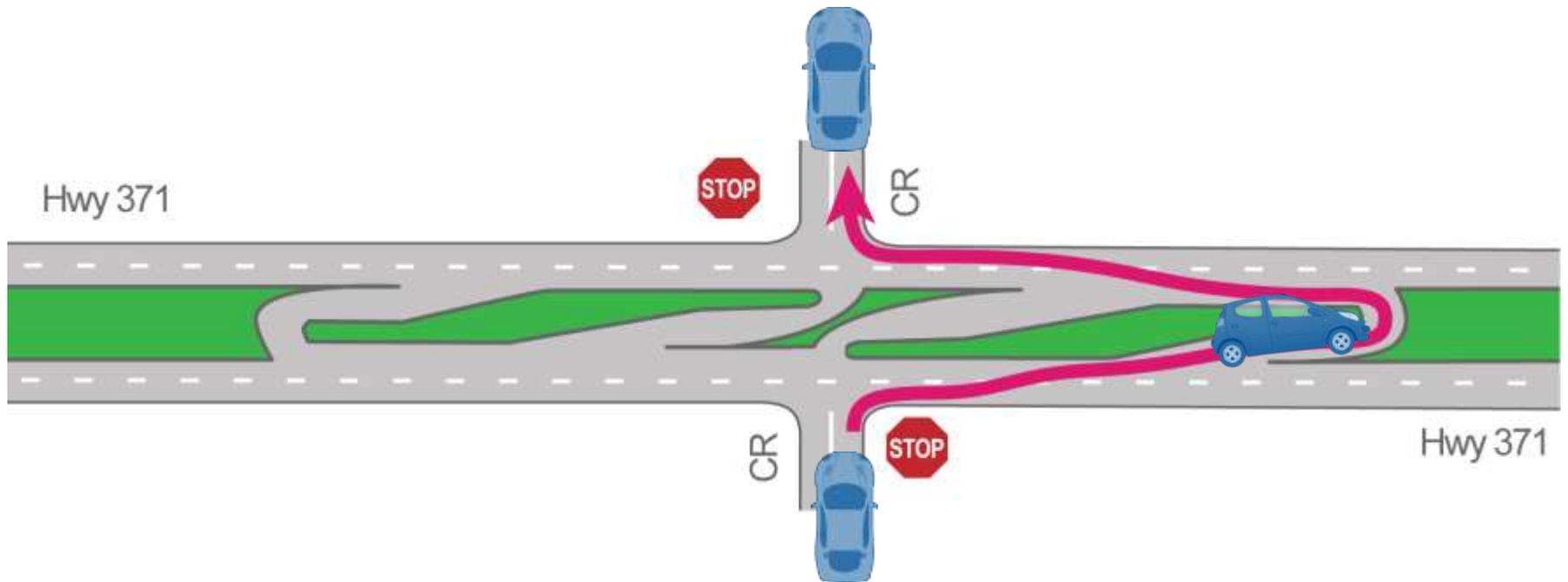
## *Navigating a RCI*

# Left hand turn onto Highway 371



# *Navigating a RCI*

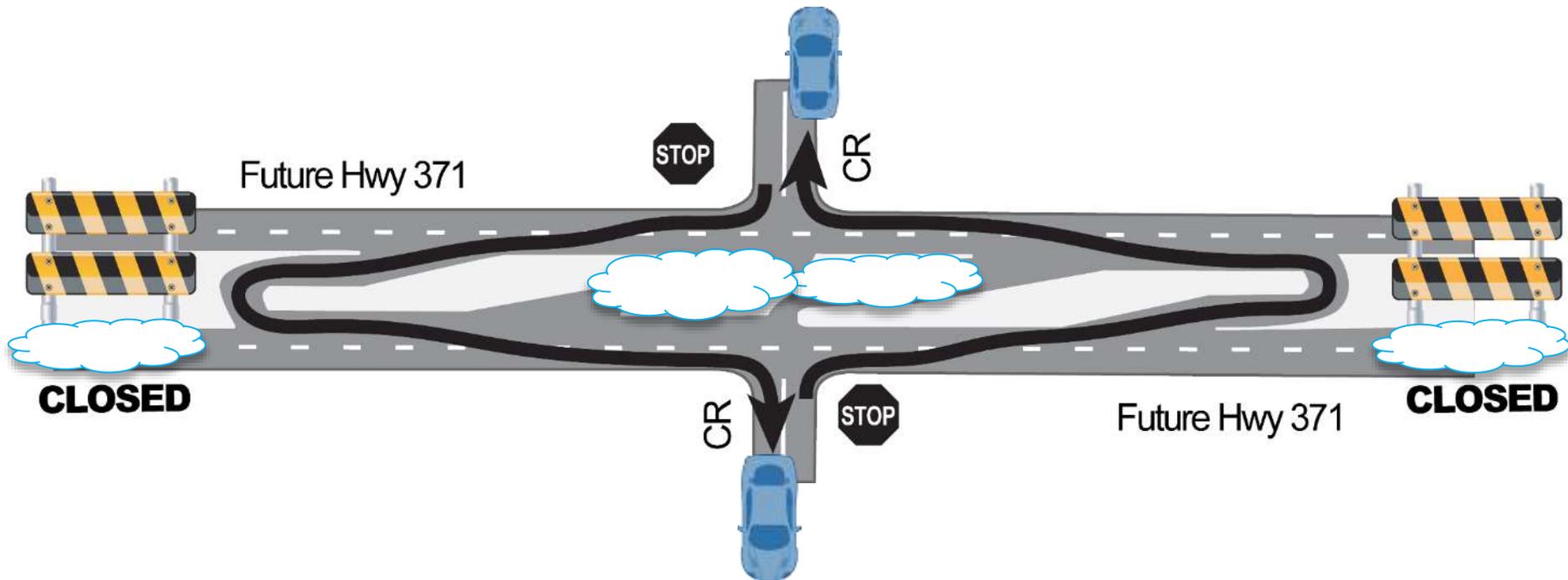
## **Crossing** a divided highway



# Winter 2016-2017



- ▶ County Road 107 and County Road 112 traffic to use the future Hwy 371 reduced conflict intersections. Follow signs.



# Jenkins

- New Hwy 371 lanes
- Realign intersection at Myers Rd/CR 16, includes new signal system
- Paul Bunyan Trail
- Road connections





## Jenkins

Working on southbound lanes





## Jenkins

Myers Rd/CR 16 southbound lanes

New signalized intersection to be complete in 2017



# 2017 Traffic Impacts



**Hwy 371 will be OPEN to traffic at all times**

- ▶ Motorist may encounter:
  - Shoulder closures and **lane shifts from new and old segments of Hwy 371**
  - Flagger operations at intersections
  - Local access road closures

**Please don't gawk and focus on driving safely**



# Highway 371

FOUR LANE

## Expansion

Nisswa Pequot Lakes Jenkins



## It's easy to stay informed





## Like all construction projects, things can unexpectedly change

- Schedules, staffing
- Equipment
- Design plans or engineering solutions
- Availability of materials
- Weather
- Traffic impacts



# www.mndot.gov/d3/hwy371

- ▶ Recent news
- ▶ Detours, maps
- ▶ View photos
- ▶ Contacts
- ▶ And, sign-up for email updates



The screenshot shows the Minnesota Department of Transportation website for the Hwy 371 four-lane expansion project. The page features a navigation menu with links for Home, Updates, Meetings, RCH, Resources, Photos, Local Roadwork, ADA, and Contacts. The main content area includes a 'Recent news' section with two items: 'Access to CR 107/Wilderness Rd at Highway 371 closes April 11-Sept' and 'Construction Kick-Off Open House in Pequot Lakes April 15'. A 'Traffic Impacts' section titled 'Drivers—please don't gawk' explains that the landscape is changing and advises drivers to slow down or stop to gawk. A map shows the project location near Jenkins and Pequot Lakes, with labels for Myren Rd, CR 16, and Hwy 371. A 'Project Hotline' section lists the phone number 1-218-568-4561. A 'Status' section indicates the project is in 'Construct' phase from April 2016 to Fall 2017. A 'Location' section describes the project area from Nisswa Ave in Nisswa to just north of CR 16 in Jenkins, including Pequot Lakes. A 'Connect with us' section offers options to sign up for project email updates, follow on Facebook, and follow on Twitter. A 'Work Zones. Pay attention or pay the price.' banner is also visible. At the bottom, there is a 'State Trail users' section mentioning the Paul Bunyan trail.





Project Hotline  
**1-218-568-4661**



We encourage the use of our project hotline for questions and concerns.

Please leave us a message and someone on the Project Team will contact you 😊



# Safety is Our #1 Priority!

Construction will be in close proximity to existing highway

- ▶ Watch the road and not the heavy moving machines along the roadway
- ▶ **Give our crews room**





**Highway 371**  
 FOUR LANE  
**Expansion**  
 Nisswa Pequot Lakes Jenkins

