

## 2011 Kane County Division of Transportation Construction Program

### Bridges and Structures

County Highway	Feature Crossed	Project Scope	Anticipated Start	Impact on Traffic
Allen Road	Burlington Creek	New concrete wearing surface	June	Bridge closed during construction. Follow posted detour.
Dauberman Road	Welch Creek	New concrete wearing surface	June	Bridge closed during construction. Follow posted detour.
Harter Road	Welch Creek	New concrete wearing surface	August	Bridge closed during construction. Follow posted detour.
Hughes Road	Blackberry Creek	New concrete wearing surface	April	One lane opened at bridge. Temporary traffic signal will direct traffic.
Keslinger Road	Over Mill Creek	New concrete wearing surface	April	Bridge closed during construction. Follow posted detour.
Main Street	Over Seavey Road Run	Headwall Repairs	June	Bridge closed during construction. Follow posted detour.
Scott Road	Welch Creek	New concrete wearing surface	June	Bridge closed during construction. Follow posted detour.
Big Timber Road	Tyler & Pingree Creeks	Channel re-alignment and bridge replacement	June	Bridge closed during construction. Follow posted detour.
Randall Road	Over I-88	Bridge Deck Replacement	May	Northbound traffic on Randall Road will be maintained during construction. Southbound traffic on Randall Road will be closed at bridge construction site. A signed detour will be posted for southbound traffic.
Silver Glen Road	Tributary to Otter Creek	Bridge replacement	July	Bridge closed during construction. Follow posted detour.
Stearns Road	Umbdenstock Road over CC&P RR	Bridge Replacement	August	Daily lane closures.

*Intelligent Traffic Systems Improvements*

County Highway	Limits	Project Scope	Anticipated Start	Impact on Traffic
Burlington Rd/IL 64	Randall Rd. to KDOT Office	Interconnect	August	Daily lane closures.
Huntley Road	Boyer Rd. to Sleepy Hollow Rd.	Interconnect	May	Daily lane closures.
Randall Road	County Line Rd. to Binnie Rd.	Interconnect	May	Daily lane closures.
Randall Road	Dean St. to Main St.	Interconnect	June	Daily lane closures.
Orchard Road	Randall Rd. to Rochester Blvd.	Interconnect	May	Daily lane closures.
Randall Road	At Gyorr Road	Permanent signal	TBD	Daily lane closures.

*Segmental Improvements*

County Highway	Limits	Project Scope	Anticipated Start	Impact on Traffic
Bliss Road	Ke-de-Ka Rd. to Merrill Rd.	Widening & resurfacing	April	Daily lane closures.
Orchard Road	Jericho Rd. to US Route 30	Widen to 5 lane cross section	July	Traffic will be directed onto temporary pavement while new pavement is constructed. Also during paving operations daily lane closures will be required.
Stearns Road	Randall Road to Dunham Rd.	Corridor Landscaping.	May	Daily lane closures.

### Intersection Improvements

County Highway	Limits	Project Scope	Anticipated Start	Impact on Traffic
Burlington Road	At Corron Rd.	New left and right turn lane. New traffic signal.	May	Daily lane closures.
Randall Road	At Bolcum Rd.	Extend current turn lanes. Signal upgrade.	July	Daily lane closures.
Randall Road <sup>1</sup> .	At Bowes Rd.	Widening on Randall.	March	Daily lane closures.
Randall Road	At Fabyan Parkway	New 3 <sup>rd</sup> through lane on Randall.	May	Daily lane closures.
Plank Road	At IL Route 47	New left turn lanes on Plank Road.	August	Daily lane closures.

1. Permit project. Roadway improvements are included as part of the Wal-Mart development in the southwest quadrant of this intersection.

### Annual Maintenance Programs

County Highway	Limits	Project Scope	Anticipated Start	Impact on Traffic
Various	County Wide	Asphalt resurfacing program.	May	Daily lane closures.
Various	County Wide	Pavement crack sealing.	May	Daily lane closures.
Various	County Wide	Pavement Markings	June	Daily lane closures.
Various	County Wide	Pavement Preservation.	June	Daily lane closures.
Various <sup>2</sup> .	County Wide	Recessed pavement markers.	July	Daily lane closures.

2. Program development is in progress and not completed at this time.

2011 Construction Project Maps can be viewed and downloaded at: <http://www.co.kane.il.us/dot/constProjects.aspx>.

## Narrative

### **Kane County Projects**

The 2011 construction program for the Kane County Division of Transportation includes projects that can be considered “routine”. But it also includes some work that is new or unique to our program.

#### Routine

Routine projects include our annual maintenance like resurfacing, crack sealing, and pavement marking. Also included the routine category is bridge maintenance type projects. Although these projects are not necessarily the most exciting or colorful they are important in ensuring that the highway transportation infrastructure is kept in good condition.

#### Unique

A unique project for Kane County is the Stearns Road Corridor Landscaping contract. The work here includes planting of approximately 1000 trees, seeding 126 acres, and numerous shrubs and other plantings. The magnitude and scope of the project makes it unique and a “one of kind” type project.

#### New

Something new this year includes our Pavement Preservation Program. This program includes pavement treatments such as rejuvenators and micro-surfacing. These treatments should extend the time interval between full blown pavement resurfacings resulting in life cycle cost savings.

#### Unusual

The Orchard Road, from Jericho Road to US Route 30, reconstruction can be considered unusual since our program does not include lots of segmental reconstruction projects. This is the last segment of Orchard Road in Kane County that is not widened to 2 through lanes in each direction. The sections to the north in Kane County and to south in Kendall County have been widened, making this area a bottle neck for traffic.

#### Traffic Impacts

Areas where traffic is anticipated to be impacted most include:

- Orchard Road from Jericho Road to US Route 30. As noted above this segment is a bottle neck. Construction activities like placement of new pavement may result in lane closures which will adversely impact travel.
- Randall Road at Bowes Road. Randall Road is one of our busiest highways with significant traffic volumes. While the project is designed to minimize impacts to traffic the widening and traffic volumes on Randall Road may lead to delays, depending on the contractor's scheduled work.
- Randall Road over I-88. This project includes a partial detour. That is southbound traffic on Randall Road will be closed at the construction site and traffic will be detoured. Northbound traffic will continue on Randall Road, through the construction site. Although adequate signing is included to direct southbound traffic the atypical partial detour can be a concern. The detour will result in increased travel times.

## **IDOT and Tollway Projects**

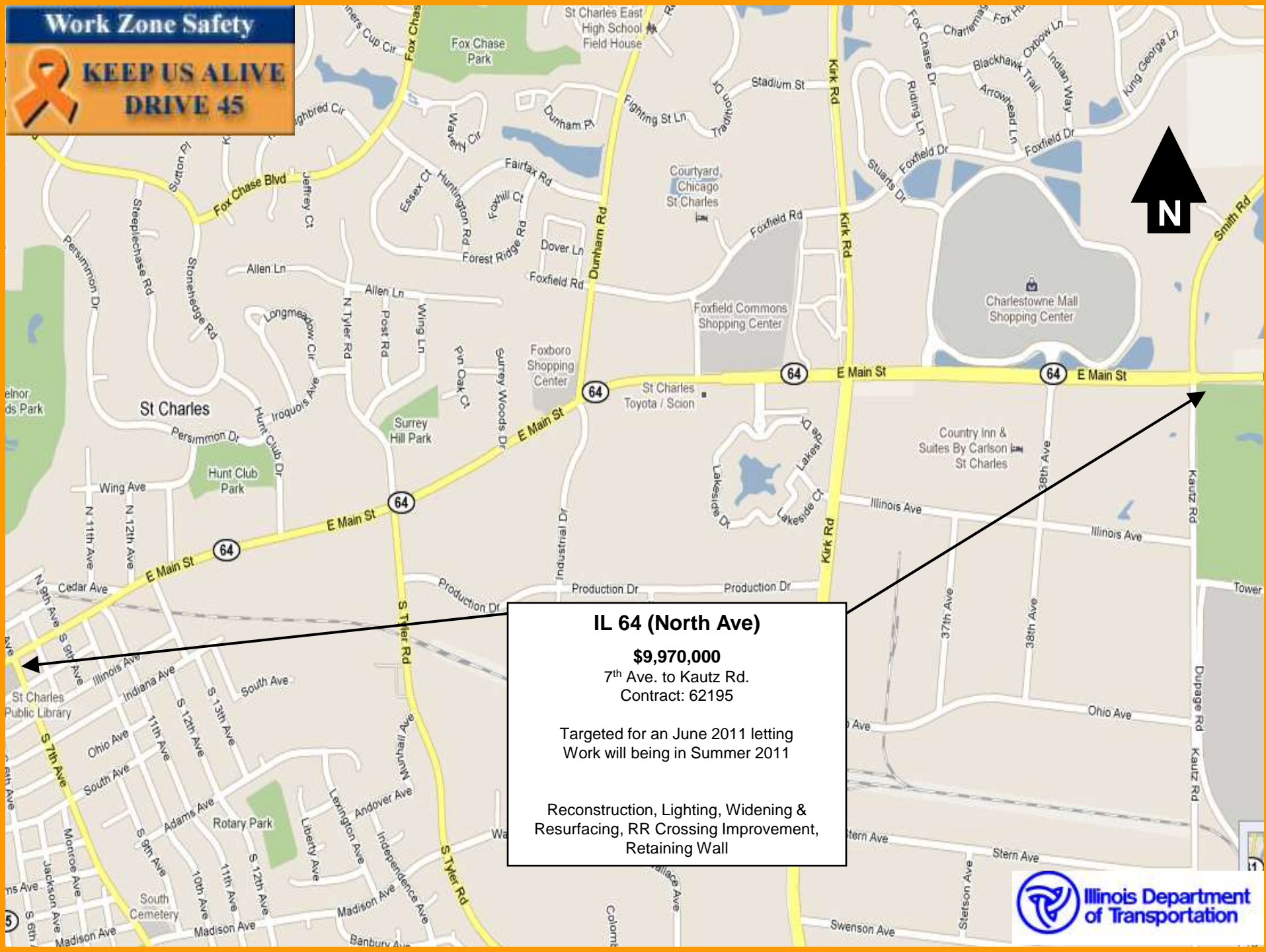
Two projects that are worth noting are:

- IDOT's roadway work on IL Route 64 from 7<sup>th</sup> Avenue to Kautz Road (see map, next page). IL 64 will be widened. When you consider the amount of traffic this roadway carries it becomes apparent that construction will adversely impact traffic. Expect increased travel times and delays.
- Tollway's resurfacing work on I-90 (see maps, following pages). Although the segments in Kane County along I-90 are not very long the work in adjacent sections can have regional impacts to traffic.

**Work Zone Safety**



**KEEP US ALIVE  
DRIVE 45**



### **IL 64 (North Ave)**

**\$9,970,000**

7<sup>th</sup> Ave. to Kautz Rd.

Contract: 62195

Targeted for an June 2011 letting

Work will be in Summer 2011

Reconstruction, Lighting, Widening &  
Resurfacing, RR Crossing Improvement,  
Retaining Wall

**\$192 million**  
for 2011 CRP projects

**Jane Addams Memorial Tollway (I-90)**  
**Genoa Rd. to US-20**  
*Roadway Rehabilitation, Resurfacing  
& Bridge Repairs*

**Jane Addams Memorial Tollway (I-90)**  
**Barrington Rd. to Elgin Toll Plaza**  
*Roadway Rehabilitation, Resurfacing  
& Bridge Repairs*

**Tri-State Tollway (I-94/I-294/I-80)**  
**IL-394 to 159th S., I-55, & Everett Rd.**  
*Bridge Rehabilitation*

**Tri-State Tollway (I-94/I-294/I-80)**  
**I-90/I-294 Interchange Improvements**

**Tri-State Tollway (I-94/I-294/I-80)**  
**Balmoral Ave. Ramp Construction**

**Systemwide Improvements**  
*Landscaping, pavement repairs, etc.*



# Jane Addams Memorial Tollway (I-90)

## Roadway Rehabilitation, Resurfacing and Bridge Repair Project

