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INVESTIGATION OF CONTRIBUTING FACTORS REGARDING WRONG-WAY DRIVING ON FREEWAYS, PHASE II

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A report of the findings of
ICT-R27-090, Phase II
Investigation of Contributing Factors
Regarding Wrong-Way Driving on Freeways

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16. Abstract In the second phase of this project, two major tasks were completed: (1) organizing a national wrong-way driving (WWD) summit and (2) developing guidelines for reducing WWD on freeways. The first national WWD summit was held in Edwardsville, Illinois, on July 18 and 19, 2013. The conference proceedings were published by the Illinois Center for Transportation in 2014. An executive summary on the findings and survey results from the summit are included in this report. Guidelines for reducing WWD on freeways were published in 2014 as another important outcome of Phase II for this project. The guidelines include four chapters: introduction, traffic control devices, geometric designs, and advanced technologies. A 4-hour training course was then developed based on the guidelines. A pilot training was conducted on March 26, 2015, in Springfield, Illinois. The participants' comments and evaluation results are summarized in this report. The final training materials, comprising instructor's notes and a student handbook, are submitted with this final report. In addition, another major task was to identify and develop a methodology to evaluate implemented WWD strategies by the Illinois Department of Transportation. The additional 2-year WWD crash data (2012–2013) were collected to conduct a before-and-after study. The preliminary results showed that the number of WWD crashes declined after implementation of the countermeasures. Because most of the countermeasures were implemented in early 2014, additional after-implementation crash data are recommended for a more comprehensive evaluation of different countermeasures.					
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EXECUTIVE SUMMARY

Two major tasks were completed in the second phase of this project. Task 1 was to organize a national wrong-way driving (WWD) summit which was held in Edwardsville, Illinois, on July 18 and 19, 2013. The conference proceedings were published by the Illinois Center for Transportation (ICT) in 2014. An executive summary on the findings and ideas from the summit are included in this report. A survey was conducted during the summit to collect data on current practices regarding WWD countermeasures by various state agencies. Chapter 2 of this report contains details about the summit and survey.

Task 2 was to develop guidelines for reducing WWD on freeways. The guidelines were published by ICT in 2014 as a separate report. These guidelines were developed based on the current guidelines and policies related to WWD prevention in the 2011 AASHTO Green Book, the 2009 Manual on Uniform Traffic Control Devices (MUTCD), and best practices from other states. The guidelines consist of four chapters: introduction, traffic control devices, geometric designs, and advanced technologies. A 4-hour training course was then developed based on the guidelines. A pilot training was conducted on March 26, 2015, in Springfield, Illinois. The participants' comments and evaluation results are included in this report. The final training materials, consisting of instructor's notes and a student handbook, are also submitted with this final report. Chapter 3 of this report contains detailed information on the participants' evaluation results of the training material.

Another subtask was to identify and develop methodology to evaluate implemented WWD strategies. The additional 2-year after period crash data (2012–2013) were collected and used to conduct a simple before-and-after study. The preliminary results showed that the number of WWD crashes had declined after the countermeasures were put into place. Because most countermeasures were implemented in early 2014, additional after-implementation crash data are recommended to be collected so that a more comprehensive evaluation of the countermeasures can be conducted. The preliminary evaluation results are contained in Chapter 4.

LIST OF ABBREVIATIONS

AASHTO	American Association of State Highway and Transportation Officials
ATSSA	American Traffic Safety Services Association
Caltrans	California Department of Transportation
CCTV	Closed-circuit television
DMS	Dynamic message signs
DNE	DO NOT ENTER (sign)
DOT	Department of transportation
DUI	Driving under the influence
EMS	Emergency medical services
FARS	Fatality Analysis Reporting System
FHWA	Federal Highway Administration
GPS	Global positioning system
HCTRA	Harris County Toll Road Authority
IDOT	Illinois Department of Transportation
IPWL	In-pavement warning lights
ISTHA	Illinois State Toll Highway Authority
ITS	Intelligent transportation system
LED	Light-emitting diode
MUC	Morris University Center
MUTCD	Manual on Uniform Traffic Control Devices
NTSB	National Transportation Safety Board
NTTA	North Texas Tollway Authority
RRMP	Retroreflective raised pavement markers
SIUE	Southern Illinois University Edwardsville
TCD	Traffic control device
TTI	Texas Transportation Institute
USDOT	United States Department of Transportation
WWD	Wrong-way driving

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CHAPTER 1: INTRODUCTION

1.1 BACKGROUND

The final report of Phase I of this project, titled "[Investigation of Contributing Factors Regarding Wrong-Way Driving on Freeways.](#)" was published in October 2012. To further implement the Phase I research results, two additional research tasks were recommended by the Technical Review Panel (TRP) members at the final panel meeting on May 18, 2012, as follows:

Task 1: Organize a nationwide peer-to-peer workshop on best practices for WWD countermeasures

Task 2: Develop guidelines for implementing WWD countermeasures on freeways in Illinois.

To achieve the goals identified in those tasks, each task was then divided into several subtasks as follows.

On the basis of the literature review conducted in Phase I of this project, it was determined that there was no national-level effort for reducing WWD. Therefore, Task 1 was to organize a national peer-to-peer workshop, which was called the 2013 National Wrong-Way Driving Summit. As discussed at the final TRP meeting on May 18, 2012, most members believed that such a workshop would be helpful in collecting more ideas on wrong-way countermeasures and in discussing new and innovative approaches, best practices, and challenges. The results of the workshop and current practices for WWD countermeasures were summarized in the [conference proceedings](#) published by ICT (Zhou and Pour-Rouholamin 2014a).

Task 1 included the following subtasks:

1. Form a conference organizing committee and academic committee and obtain support from related TRB committees, such as geometric design, safety, alcohol, and MUTCD.
2. Develop a website for registration, schedule, hotel, and program.
3. Send an invitation letter to state departments of transportation (DOTs) and other agencies, researchers, and manufacturers.
4. Prepare a draft conference program and handouts.
5. Develop and publish conference proceedings, including all papers, presentations, summary of all findings, and ideas from all attendees.

Task 2 was to develop a publication, [Guidelines for Reducing Wrong-Way Crashes on Freeways](#). This task included eight subtasks:

1. Identify signage and pavement marking design standards related to WWD prevention from the latest MUTCD.
2. Identify geometric design policies related to WWD prevention from the 2011 AASHTO Green Book and IDOT's Bureau of Design and Environment (BDE) Manual.
3. Identify best practices addressing WWD incident mitigation from other states.
4. Identify and develop a methodology to evaluate implemented WWD strategies.

5. Develop draft guidelines on WWD countermeasures.
6. Develop a training course on WWD mitigation and prevention for IDOT highway engineers, safety engineers, and maintenance staff.
7. Conduct pilot trainings.
8. Finalize the guidelines and training material based on the feedback from pilot trainings.

1.2 REPORT STRUCTURE

This report is organized into five chapters.

Chapter 2 includes information about the 2013 National Wrong-Way Driving Summit, such as attendees, program details, and the results of a survey and questionnaire distributed to attendees.

Chapter 3 provides an introduction to the training course that was developed as a part of Phase II of this project. The evaluation results of the course gathered from the attendees are also provided in this chapter.

Chapter 4 contains a discussion about the evaluation conducted on the countermeasures that have been implemented in Illinois.

Final research conclusions and future research needs are summarized in Chapter 5.

CHAPTER 2: SUMMARY OF SUMMIT AND SURVEY RESULTS

2.1 NATIONAL WWD SUMMIT

The first National Wrong-Way Driving Summit was held on July 18 and 19, 2013, at the Morris University Center (MUC) of Southern Illinois University Edwardsville (SIUE). The purpose of this summit was to provide a platform for practitioners and researchers to exchange ideas, evaluate current countermeasures, and develop best practices to reduce WWD crashes and incidents through a 4E's approach (engineering, education, enforcement, and emergency response).

To enhance the quality of this summit, a significant number of attendees were brought together to discuss various topics during individual presentations, as well as to take part in broader topical group discussions. Participants included representatives from the National Transportation Safety Board (NTSB), Federal Highway Administration (FHWA), American Traffic Safety Services Association (ATSSA), Illinois State Toll Highway Authority (ISTHA), state departments of transportation (DOTs), state police and highway patrols, universities, and consulting firms. Overall, approximately 130 attendees from 23 states participated in this summit, including states that have already implemented and tested various countermeasures and those in which WWD has been found to be a major concern. A list of summit attendees is provided in Appendix A of this report.

The emphasis of the first day of the summit was on the national scene, research and programs, best practices, and ways to prevent WWD crashes. Following that, speakers from the NTSB, FHWA, and various agencies from Illinois, California, Texas, Maine, and Michigan gave presentations focusing on the national picture and trends based on research findings, best practices, and WWD programs, including data, program elements, implementation and challenges, and program effectiveness. Specific types of WWD crashes (e.g., involving older drivers or alcohol) and relevant types of countermeasures (e.g., signing, striping, and geometric improvement) were also discussed in depth. Attendees, who had been pre-assigned to five groups, convened to discuss WWD issues and countermeasures implemented in their states. Afterwards, the group moderators presented discussion results and key findings to all the attendees.

The second day began with an overview of highlights from the previous day. Discussions were then held about actions to take after detection of a WWD movement, such as ways to alert the at-fault driver and other drivers, provide for correction of the WW maneuver, and manage incident response by law enforcement and emergency medical services (EMS). The final session of the summit was a panel discussion with two members from state DOTs and two from state law enforcement agencies who reviewed lessons learned and implementation programs.

Based on the discussions and presentations during the summit, the countermeasures listed in Table 1 were found to be effective or worthy of implementation for mitigating WWD incidents and crashes.

Table 1. Various WWD Countermeasures Implemented by Different Agencies

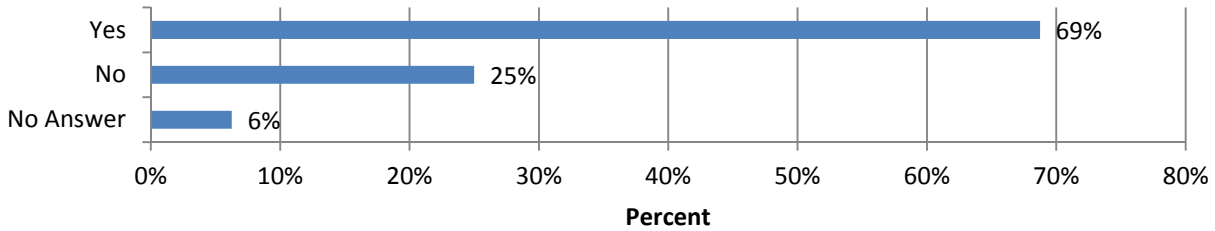
Engineering			
Signing	Pavement Marking	Geometric Improvement	ITS Technologies
<ul style="list-style-type: none"> ▪ Implementing standard wrong-way sign package ▪ Improved static signs ▪ Lowering sign height ▪ Using oversized signs ▪ Mounting multiple signs on the same post ▪ Applying red retro-reflective tape to the vertical posts ▪ “Freeway Entrance” sign for all on ramps (ensure right-way driving) 	<ul style="list-style-type: none"> ▪ Stop bar ▪ Wrong-way arrow ▪ Turn/through lane-only arrow ▪ Raised pavement markers ▪ Short dashed line to delineate through turns 	<ul style="list-style-type: none"> ▪ Entrance/exit ramp separation ▪ Raised curb median ▪ Longitudinal channelizers ▪ Change ramp geometrics: <ul style="list-style-type: none"> ❖ Obtuse angle ❖ Sharp corner radii 	<ul style="list-style-type: none"> ▪ LED illuminated signs ▪ Dynamic message sign to give warning to right-way drivers ▪ Use existing GPS navigation technologies to provide wrong-way movement alerts ▪ Provide consistent messages or alerts that are intuitive to the driver
Enforcement			
<ul style="list-style-type: none"> ▪ Alert law enforcement agency ▪ DUI enforcement ▪ Portable spike barriers to stop WW drivers; implemented by Harris County Toll Road Authority (HCTRA), Texas 			
Education			
<ul style="list-style-type: none"> ▪ Public awareness and understanding of: <ul style="list-style-type: none"> ❖ Basics of road designs and interchange types ❖ Actions (witnessing a wrong-way driver) ▪ Focus groups: <ul style="list-style-type: none"> ❖ Older drivers ❖ DUI drivers ❖ Young drivers 			

2.2 SURVEY RESULTS

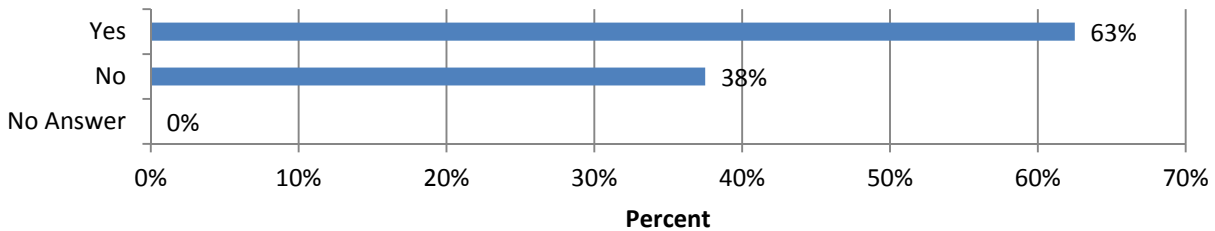
A survey questionnaire was designed and distributed to the attendees during the summit to gather the latest information about current and emerging countermeasures to mitigate WWD issues. Sixteen states submitted their survey questionnaire. The analyses of the results are presented in this section. The complete survey questionnaire is also provided in Appendix B of this report.

General Questions

1. Do you believe wrong-way driving is a severe problem in your state?

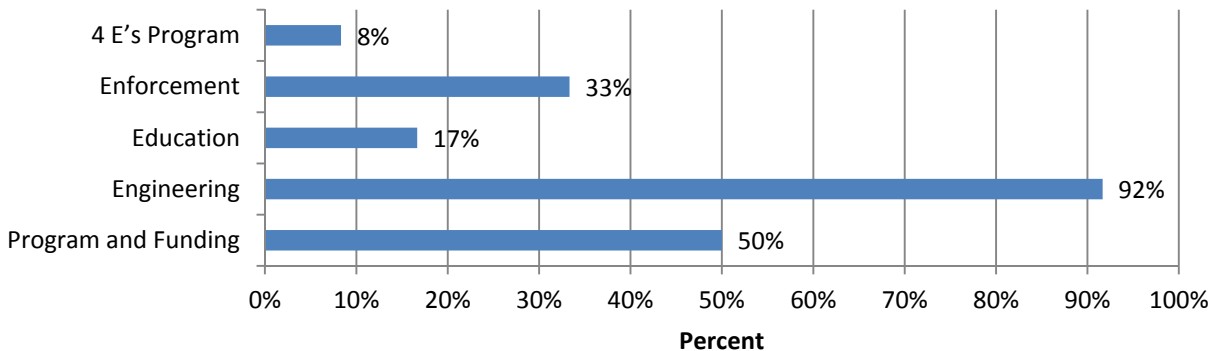


2. Has your state conducted any studies or implemented any countermeasures to reduce wrong-way driving crashes?



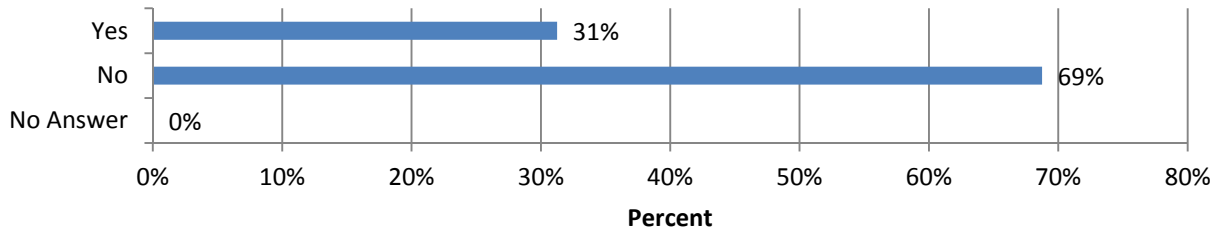
If Yes:

- Which types of countermeasures have been implemented to combat wrong-way driving crashes?

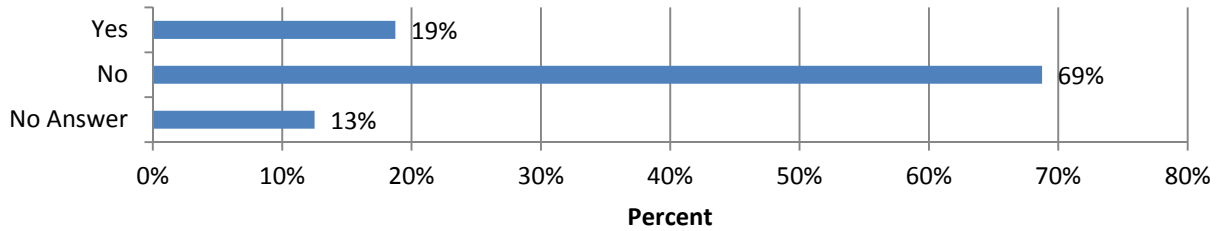


Other(s): Strengthen Alcohol Legislation

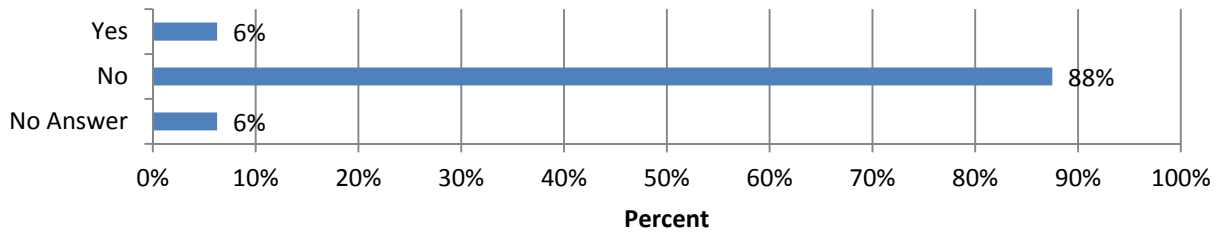
3. Does your state have a wrong-way driving monitor program to obtain information about the location, severity, time of day, etc. for wrong-way collisions?



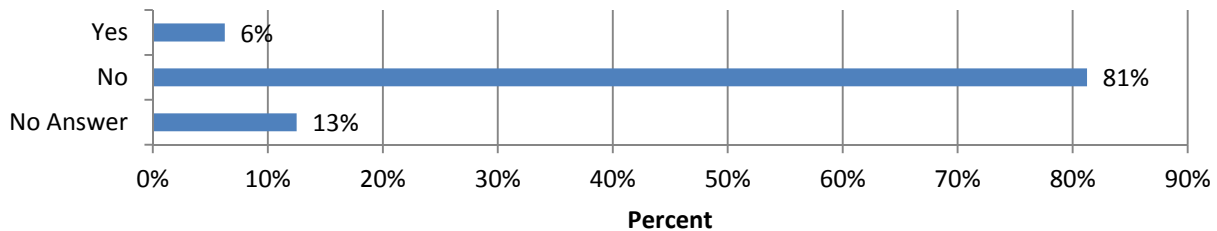
4. Does your state have any supplement to the MUTCD 2009 to mitigate wrong-way incidents?



5. Does your state have any supplement to the AASHTO Green Book 2011 to mitigate wrong-way incidents?





6. Does your state use extra lighting at locations susceptible to wrong-way maneuvers to reduce the visibility problem during nighttime conditions?







Wrong-Way Related Signage

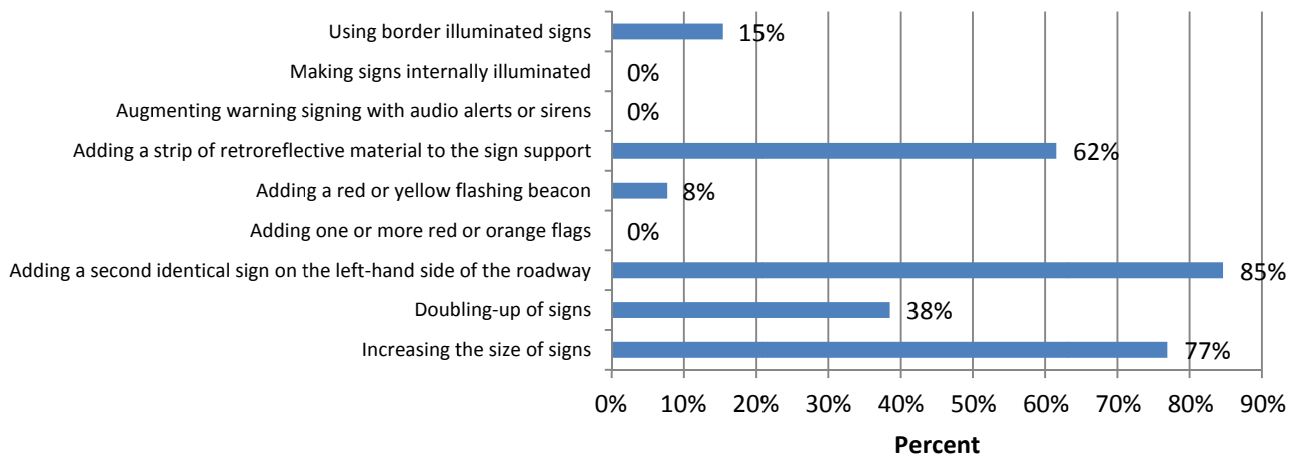
7. Which of the following traditional signs are being used in your state to mitigate wrong-way issues?

Location \ Sign		
Exit Ramp	14	16
Frontage Road	11	9
Divided Highway (along non-ramp sections)	13	12

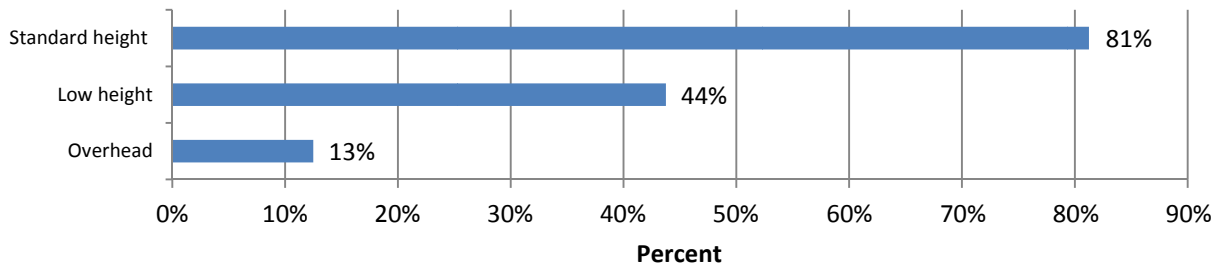
8. Which of the following (combination of) static signs are being used in your state to mitigate wrong-way issues?

Location \ Sign				
Exit Ramp	8	6	0	1
Frontage Road	3	5	0	0
Divided Highway (along non-ramp sections)	3	3	0	0

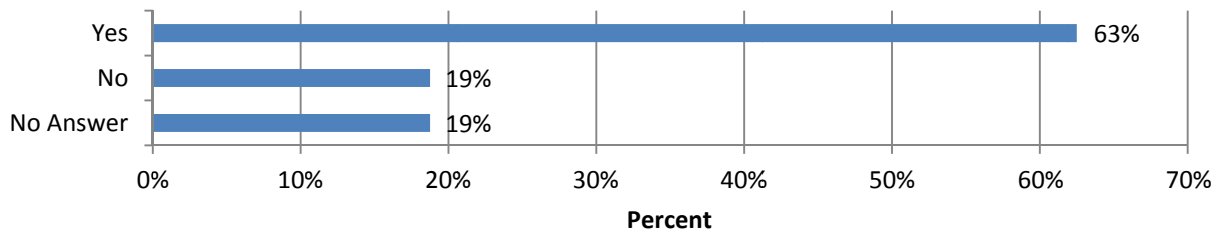
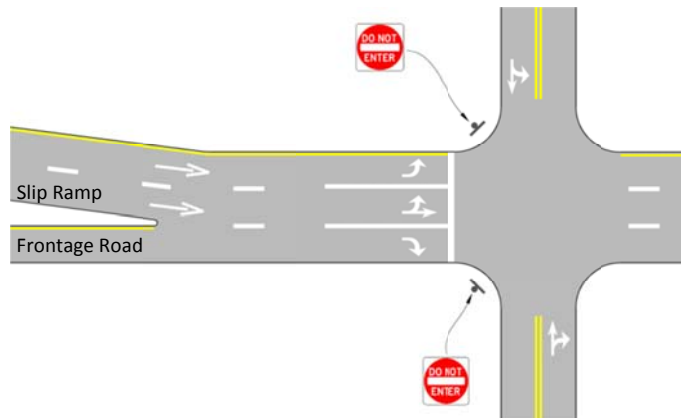
9. What methods has your state used to enhance the conspicuity of wrong-way signs? Check all that apply.



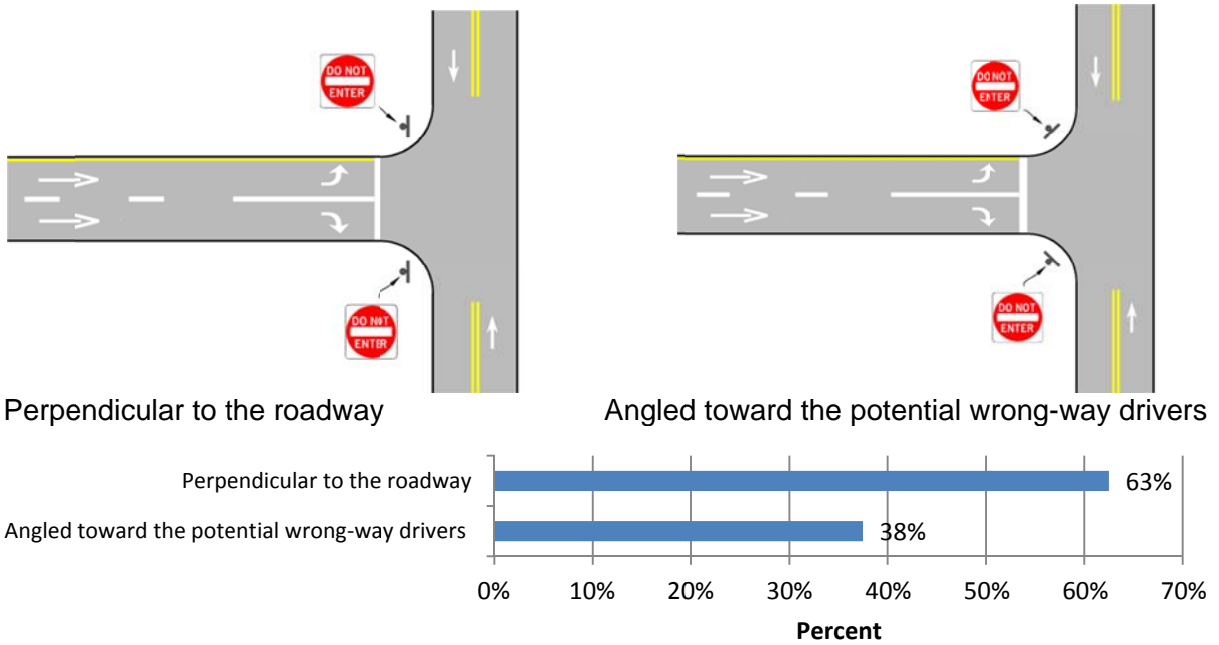
10. What mounting height does your state use for wrong-way related signs (if different signs are mounted differently, please specify separately in front of each choice below)?



11. Does your state install DO NOT ENTER signs at the entrance of one-way frontage roads connected to slip ramps in order to deter wrong-way maneuvers (figure below)?

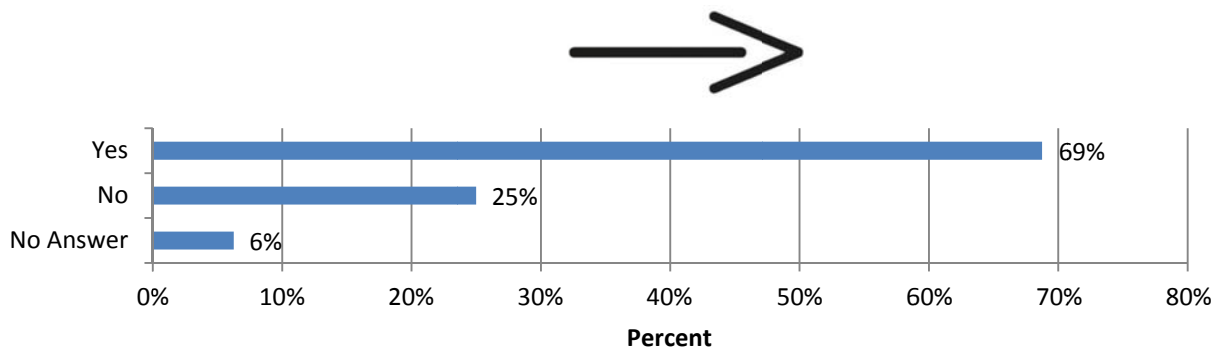


12. What is the typical position of the DO NOT ENTER signs in your state (figures below)?

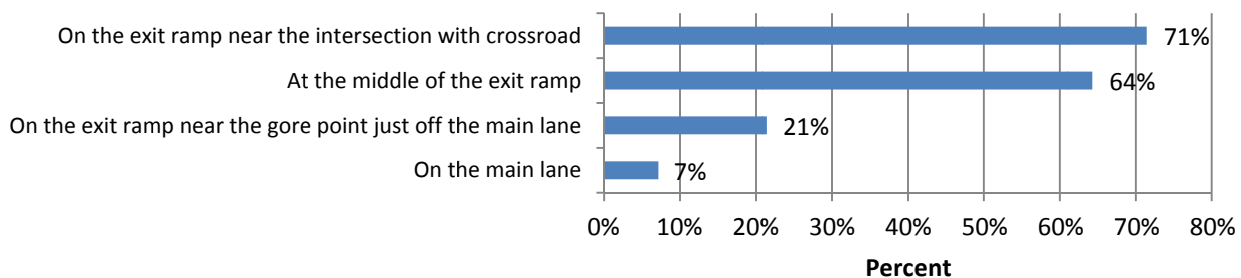


Pavement Marking

13. Does your state use wrong-way arrows as described in the MUTCD 2009 on exit ramps (figure below)?



14. Where does your agency place the wrong-way arrows (please check all that apply)?

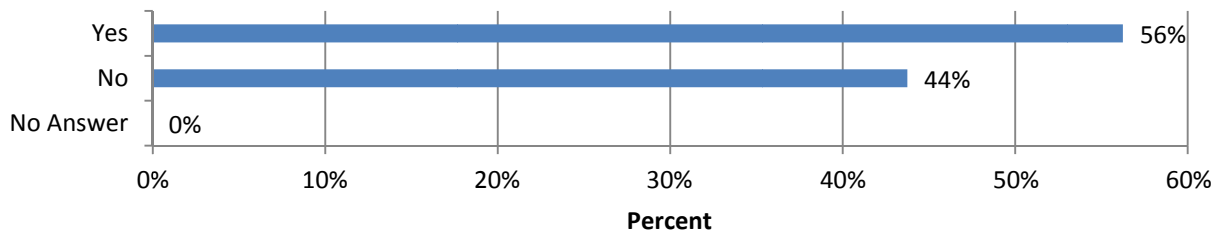
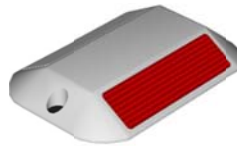


15. Are the pavement markings being used in your state on exit ramps retroreflective (figure below), or is another type of illumination used to make them visible in nighttime conditions?



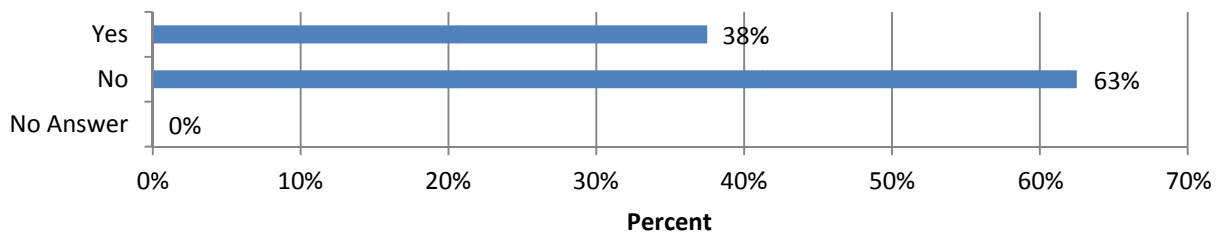
One hundred percent of respondents stated they are using retroreflective pavement markings, and no agency is utilizing the other types of illumination.

16. Does your state use red-back raised pavement markers (RMPs) on problematic roads (figure below)?



Traffic Signal

17. Does your state use a green arrow as a traffic signal indication at the intersection of exit ramps and crossroads instead of a green ball to provide a better understanding to drivers about the correct movement direction?



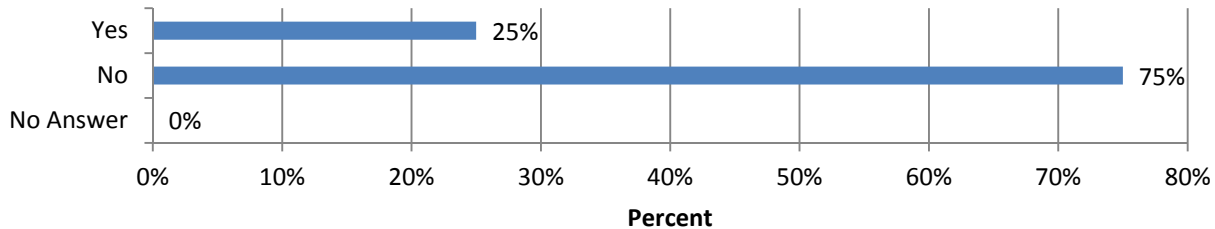
Geometric Modification

18. Please rank (using numbers) the following geometric elements that are given special attention when it comes to wrong-way issues, based on your state's policy.

Geometric Element	Weighted Percentage	Weighted Ranking
Exit ramps	75.0	1
Type of interchange	61.1	2
Channelizing islands	58.3	3
Control radius	50.9	4
Medians	47.2	5
Frontage roads	37.0	6

ITS Technologies

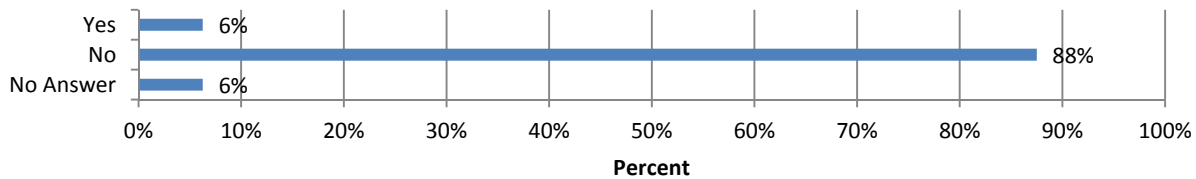
19. Has your state utilized any ITS technologies to detect and warn drivers?



If yes, which of the following methods are used?

Detection	<input checked="" type="checkbox"/> Radar Detectors (1 state) <input checked="" type="checkbox"/> CCTV Camera (3 states) <input checked="" type="checkbox"/> Inductive Loop Detectors (2 states) <input type="checkbox"/> Other (please specify):
Caution	<input type="checkbox"/> In-Pavement Warning Lights (IPWL) <input checked="" type="checkbox"/> Flashing Wrong Way Signs (2 states) <input checked="" type="checkbox"/> Warning Lights (2 states) <input checked="" type="checkbox"/> Dynamic Message Signs (DMS) (1 state) <input type="checkbox"/> Other (please specify):
Action	<input checked="" type="checkbox"/> Patrol Units (1 state) <input checked="" type="checkbox"/> Spike Strips (1 state) <input type="checkbox"/> Other (please specify):

20. Does your state use dynamic message signs to warn both wrong-way and other drivers if wrong-way driving is detected?



If yes, what message(s) is displayed separately?

- To wrong-way driver:
- To other drivers:
 - ✓ Wrong Way Driver Ahead (in Texas)
 - ✓ All Traffic Move to Shoulder and Stop (in Texas)

Closing Questions

21. Would you recommend elements of the wrong-way driving program to other states? If so, which aspects?

- Caltrans WW package + checklist + WW monitoring report.
- Low cost signage and road working.
- ITS application using cell phone applications that talk to wrong-way drivers.
- When dealing with funding limitations, prioritize interchange types that are problematic and deal with these types first and use uniform and consistent traffic control devices to mitigate wrong-way issues.
- We need to start with having a consistent approach or standard design for the various geometric exit ramps (signs and markings). Then we should incorporate ITS and use media to get the information out there.
- Systematic approaches to upgrades make HSIP funding much simpler.
- Detection with dynamic warning devices.
- Interchange design, sign height and redundancy, education.

22. Are there any specific items you think should be included in a wrong-way driving mitigation guide?

- Language vs. symbol analysis.
- Low cost countermeasures.
- Prioritize risk by interchange type.
- Routine checklist for operations and traffic engineering sections along with guidance for design staffs.
- Recommended data queries to use to research high impact locations.
- Strong wording from NTSB – FHWA in response to strong DUI legislations.
- Strong wording to states endorsing the use of vehicle interlocking systems for repeat DUI offenders.
- CMF's for countermeasures.
- New data from ongoing studies/pilot programs at Maine DOT, NTTA, and TTI.

CHAPTER 3: EVALUATION OF TRAINING MATERIALS

3.1 INTRODUCTION OF TRAINING MATERIALS

A 4-hour pilot training course for IDOT employees was developed based on the guidelines for reducing WWD on freeways (Zhou and Pour-Rouholamin 2014b). This training course was held on March 26, 2015, in the auditorium at IDOT's central office in Springfield, Illinois. The course materials consisted of four modules, each covering some specific aspects of WWD countermeasures.

Module 1 was an introduction to the problem. It began with a definition of WWD, summarized safety data that demonstrate the importance of the issue, and identified the factors that contribute to WWD.

Module 2 covered the most common countermeasures relating to traffic control devices: signs, pavement markings, and traffic signals. It covered the fundamentals of using these devices, as well as options to enhance them when appropriate.

Module 3 elaborated on various geometric elements and related design considerations that can affect WWD. These elements include basic interchange layout, different arrangements of exit ramps and their connections with crossroads or frontage roads, and specific components of intersections (e.g., raised median, control radius, channelizing island).

Module 4 presented some advanced technologies, as well as enforcement and education strategies. A field inspection checklist and two real-world examples were provided for use with field assessment of WWD incidents.

3.2 EVALUATION OF PILOT TRAINING

During the pilot training, evaluation sheets were distributed among attendees asking them to provide their feedback on the pilot training course so that the instructors could make improvements to future offerings of this course. The evaluation sheet consisted of five questions focused primarily on evaluating the overall course and two additional questions to allow participants to provide recommendations to improve the quality of the course and the handout materials. The results of the course evaluation are as follows. The complete evaluation results can be found in Appendix C of this report.

- | | |
|---|--|
| 1. How useful did you find this course to be? | 3.9/5 (5 = very good/very useful;
1 = needs improvement/not useful) |
| 2. Please rate the presentation of this course material: | 3.9/5 (5 = very good/very useful;
1 = needs improvement/not useful) |
| 3. Please rate the usefulness of the handout material: | 3.8/5 (5 = very good/very useful;
1 = needs improvement/not useful) |
| 4. Would you recommend this course to others in your section? | 4.0/5 (5 = yes; 1 = no) |
| 5. Would you recommend this course to any other section? | 3.8/5 (5 = yes; 1 = no) |

CHAPTER 4: EVALUATION OF WWD COUNTERMEASURES

A vital portion of any project that involves implementation of countermeasures is the evaluation of those countermeasures. Such evaluations are critical because they provide enhanced knowledge about the effectiveness of the treatment, which assists engineers in identifying other locations where those countermeasures could be successfully applied. The additional knowledge also can be used to determine the feasibility of making other changes to obtain even better results. Therefore, the purpose of this project task was to evaluate the effectiveness of some implemented countermeasures for WWD mitigation in the State of Illinois. However, this task could not be fully completed because the statewide implementation was not totally completed until late Fall of 2014. Some countermeasures were implemented at high-crash locations immediately after the completion of the phase I project in early 2012. So the WWD crash data for 2012 and 2013 were collected for a simple before-and-after comparison.

4.1 IMPLEMENTED COUNTERMEASURES

Countermeasures applied to the treated locations were categorized into two groups: signage and pavement marking. The improvements made at the top ten locations (identified during the first phase of this project) consisted of installing oversized DO NOT ENTER and WRONG WAY signs, inclusion of the red retroreflective strips on the DO NOT ENTER and WRONG WAY sign supports, and the addition of wrong-way pavement arrows along the exit ramps. These improvements were made during 2012. The list of the top ten locations is included in Appendix E of this report.

A statewide improvement program was also planned to enhance the signage and pavement marking at over 800 exit ramps throughout Illinois. The objective of these improvements is to change the current signage and pavement marking layout of the target exit ramps to match the layouts provided in the guidelines, which are based on interchange type. Appendix D of this report contains the locations of those improved locations as well as information such as the type of improvement. Most of them were completed in late fall 2014. So the best way to evaluate this statewide improvement is to collect WWD crash data from 2015 to 2018.

4.2 PROPOSED EVALUATION METHODS

Given the data available, three methods can be used for evaluation. First, general trends about the number of fatalities related to WWD crashes can be evaluated to see whether there is any change after improvements. This method is applicable to both sets of locations (i.e., top ten locations and the treated locations). Another method is to compare the number of WWD crashes at the top ten locations that were improved in 2012. Although more after-implementation data may be available, focusing on high-crash locations might over-represent the effectiveness of the countermeasures. Finally, countermeasures at all improved locations can be evaluated using an empirical Bayes before/after method to overcome the regression to mean bias. The additional three years of after crash data should be collected for implementing this method for a statewide evaluation. A technical memo on the proposed evaluation methods and data requirements was submitted to IDOT (see Appendix E).

4.3 PRELIMINARY EVALUATION RESULTS

Table 2 summarizes the frequency of five-year WWD crashes on Illinois freeways from 2004 through 2009 before the project started, and two-year WWD crashes from 2012 through 2013 after the phase I of this project was completed. The data were obtained from IDOT's database. The method introduced in the Phase I report (Zhou et al. 2012) was also used for identifying true WWD crashes on freeways.

As can be seen in the table, there is a clear downward trend in the number of identified WWD crashes after Phase I of this project (2012), when the implementation of countermeasures were started. The total number of WWD crashes on freeways was reduced by approximately 39%, and the average number of fatal crashes down by 13%. Figure 1 is a bar chart illustrating these reductions in WWD crashes. Due to the short after period and small scale countermeasures implemented by several districts, this downward trend may be due to the random nature of crashes. More after-period crash data should be collected and analyzed for further evaluation of the statewide implementation that was completed in late Fall of 2014.

Table 2. Preliminary WWD Countermeasure Evaluation Results

Period	Year	WWD Crashes			Severity Type										
					K			A			B			C	O
		Freq.	Avg.	Change	Freq.	Avg.	Change	Freq.	Avg.	Change	Freq.	Avg.	Change		
Before	2004	40	36.2	-39.2%	7	5.2	-12.9%	11	8.2	-44.9%	6	6.8	-19.5%	2	14
	2005	32			3			7			7			4	11
	2006	31			6			6			5			2	12
	2007	39			6			6			13			1	13
	2008	37			4			11			5			1	16
	2009	38			5			8			5			0	20
After	2012	21	22		5	4.5		5	4.5		7	5.5		0	4
	2013	23			4			4			4			0	11

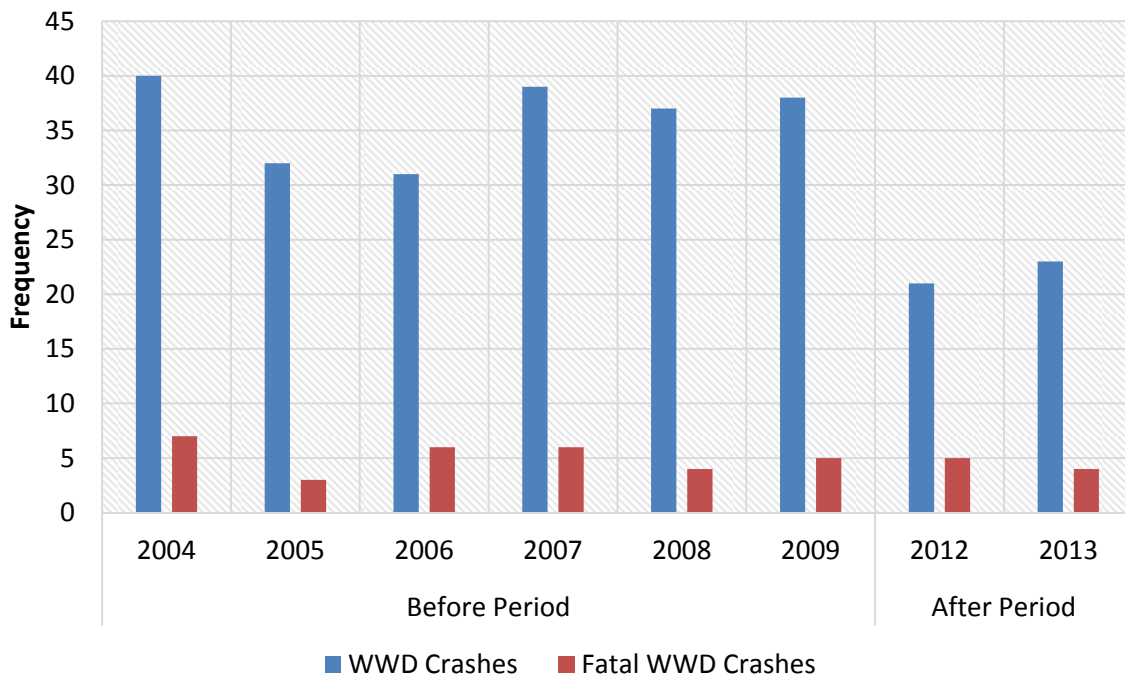


Figure 1. Total and fatal WWD crashes before and after the improvements.

CHAPTER 5: CONCLUSIONS AND FUTURE STUDY

5.1 CONCLUSIONS

Several goals were identified in the tasks for Phase II of this project. One goal was organizing and hosting a summit on wrong-way driving. The 2013 National Wrong-Way Driving Summit was an opportunity for practitioners and researchers in the field of transportation engineering to exchange ideas and experiences. The summit, sponsored by ICT and IDOT, included 130 participants from nearly half of the U.S. states. Summit proceedings (Zhou and Pour-Rouholamin 2014a) were published in May 2014. A survey questionnaire was also distributed to attendees as a means of assembling information about currently employed WWD countermeasures throughout the various states. The presentations and discussions from the summit, along with current standards, formed the basis of the *Guidelines for Reducing Wrong-Way Crashes on Freeways*, (Zhou and Pour-Rouholamin 2014b) which were developed and published as one of the deliverables from Phase II of the project.

In addition, a pilot training course was developed for IDOT; it was based on the published guidelines and updated to include recent achievements and results. The 4-hour training course, which was held on March 26, 2015, encompassed four modules covering WWD countermeasures that were categorized as engineering countermeasures, enforcement, and education. An evaluation of this course, gathered from attendee feedback, showed that participants were highly satisfied with the training and materials. The comments and feedback from the participants were also used to improve the quality of the materials.

Finally, a before-and-after study was conducted to evaluate the effectiveness of countermeasures that were implemented based on the recommendations from Phase I of this project. The preliminary results showed a nearly 40% reduction in the total number of WWD crashes and an almost 13% reduction in the number of fatal crashes related to WWD.

5.2 FUTURE RESEARCH

Most of the statewide improvements were completed by late fall of 2014; therefore, additional after-period crash data are required in order to conduct a more comprehensive and reliable evaluation of the effectiveness of various countermeasures at different types of interchanges.

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APPENDIX B: SURVEY QUESTIONNAIRE

A Survey on Wrong-Way Crashes and Countermeasures

Name: _____
Agency: _____
City/State: _____
Email: _____
Phone Number: () - _____

This survey is to investigate the current and emerging practices and countermeasures employed by different agencies to mitigate wrong-way driving incidents. The estimated completion time is 15 minutes. Please return the completed questionnaire to Mr. **Mahdi Pour-Rouholamin** at the conference or email it to mahdipn@gmail.com

General Questions

1) Do you believe wrong-way driving is a severe problem in your state?

- Yes
- No

2) Has your state conducted any studies or implemented any countermeasures to reduce wrong-way driving crashes?

- Yes
- No

If Yes:

- Which types of countermeasures have been implemented to combat wrong-way driving crashes?

- Program and Funding
- Engineering
- Education
- Enforcement
- 4 E's Program
- Other(s):

- Please briefly describe the program and year the program was put in place.

3) Does your state have a wrong-way driving monitor program to obtain information about the location, severity, time of day, etc. for wrong-way collisions?

- Yes
- No

4) Does your state have any supplement to the MUTCD 2009 to mitigate wrong-way incidents?

- Yes
- No

5) Does your state have any supplement to the AASHTO Green Book 2011 to mitigate wrong-way incidents?



- Yes
- No

6) Does your state use extra lighting at locations susceptible to wrong-way maneuvers to reduce the visibility problem during nighttime conditions?





- Yes
- No

Wrong-Way Related Signage

7) Which of the following traditional signs are being used in your state to mitigate wrong-way issues?

<div style="text-align: right; padding-right: 10px;">Sign</div> <div style="text-align: left; padding-left: 10px;">Location</div>		
Exit Ramp		
Frontage Road		
Divided Highway (along non-ramp sections)		

8) Which of the following (combination of) static signs are being used in your state to mitigate wrong-way issues?

<div style="text-align: right;">Sign</div> <div style="text-align: left;">Location</div>				
Exit Ramp				
Frontage Road				
Divided Highway (along non-ramp sections)				

Other(s)? Please specify/sketch.

9) What methods has your state used to enhance the conspicuity of wrong-way signs? Check all that apply.







- Increasing the size of signs
- Doubling-up of signs
- Adding a second identical sign on the left-hand side of the roadway
- Adding one or more red or orange flags
- Adding a red or yellow flashing beacon
- Adding a strip of retroreflective material to the sign support
- Augmenting warning signing with audio alerts or sirens
- Making signs internally illuminated
- Using border illuminated signs
- Other(s)? Please specify:

10) What mounting height does your state use for wrong-way related signs (if different signs are mounted differently, please specify separately in front of each choice below)?

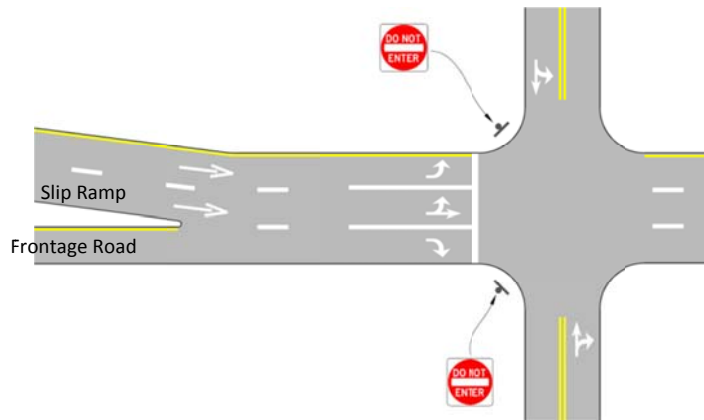
- Standard height (7 ft urban/5 ft rural):
- Low height:
- Overhead:

11) What sizes and where (exit ramps, frontage roads, divided highways) does your state use the following signs to mitigate wrong-way driving issues? Please specify the location in front of each size.

Example: 36 X 36: frontage road
48 X 48: exit ramp

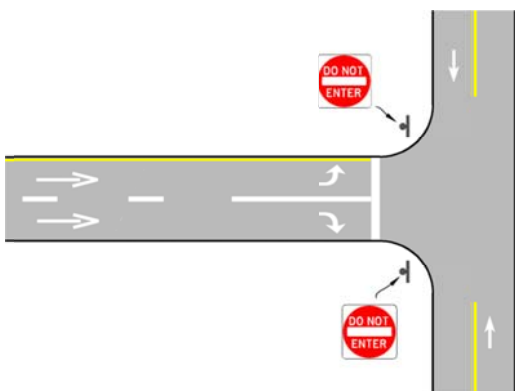
Sign	Size (in)
	30 X 30: 36 X 36: 48 X 48: Other:
	30 X 18: 36 X 24: 42 X 30: Other:
 	24 X 24: 36 X 36: 48 X 48: Other:
	36 X 12: 54 X 18: Other:
	18 X 24: 24 X 30: 30 X 36: 36 X 48: 48 X 60: Other:

12) Does your state install DO NOT ENTER signs at the entrance of one-way frontage road connected to slip ramps in order to deter wrong-way maneuvers (figure below)?

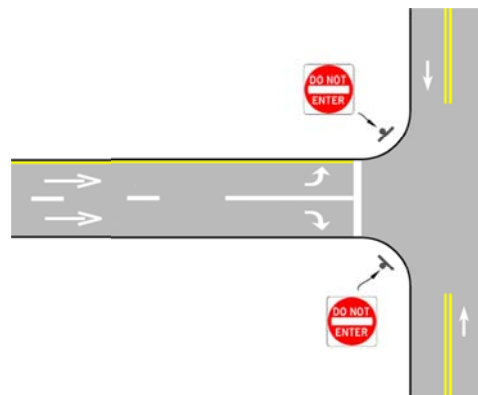


- Yes
- No

13) What is the typical position of the DO NOT ENTER signs in your state (figures below)?



Perpendicular to the roadway



Angled toward the potential wrong-way drivers

Pavement Marking

14) Does your state use wrong-way arrows as described in the MUTCD 2009 on exit ramps (figure below)?



- Yes (Please specify the size):
- No, other arrows are used (Please specify and/or provide a sketch):

15) Where does your agency place the wrong-way arrows (please check all that apply)?

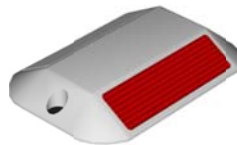
- On the exit ramp near the intersection with crossroad.
- At the middle of the exit ramp.
- On the exit ramp near the gore point just off the main lane.
- On the main lane.

16) Are the pavement markings being used in your state on exit ramps retroreflective (figure below), or is another type of illumination used to make them visible in nighttime conditions?



- Retroreflective
- Other type of illumination (please specify):

17) Does your state use red-back raised pavement markers (RMPs) on problematic roads (figure below)?



- Yes
- No

18) Are in-pavement warning lights used as a means to mitigate wrong-way issues in your state (figure below)?



- Yes
- No

Traffic Signal

19) Does your state use a green arrow as a traffic signal indication at the intersection of exit ramps and crossroads instead of a green ball to provide a better understanding to drivers about the correct movement direction?

- Yes
- No

Geometric Modification

20) Please rank (using numbers) the following geometric elements that are given special attention when it comes to wrong-way issues, based on your state’s policy.

- ___ Medians
- ___ Channelizing islands
- ___ Frontage roads (their continuity, outer separation, etc.)
- ___ Control radius at ramp/crossroad intersection
- ___ Exit ramps (their angle with crossroad, their shape such as button-hook or J-shaped, etc.)
- ___ Type of interchange
- ___ Other(s) (please specify):

ITS Technologies

21) Has your state utilized any ITS technologies to detect and warn drivers?

- Yes
- No

If yes, which of the following methods are used?

Detection	<input type="checkbox"/> Radar Detectors <input type="checkbox"/> CCTV Camera <input type="checkbox"/> Inductive Loop Detectors <input type="checkbox"/> Other (please specify):
Caution	<input type="checkbox"/> In-Pavement Warning Lights (IPWL) <input type="checkbox"/> Flashing Wrong Way Signs <input type="checkbox"/> Warning Lights <input type="checkbox"/> Dynamic Message Signs (DMS) <input type="checkbox"/> Other (please specify):
Action	<input type="checkbox"/> Patrol Units <input type="checkbox"/> Spike Strips <input type="checkbox"/> Other (please specify):

22) Does your state use dynamic message signs to warn both wrong-way and other drivers if wrong-way driving is detected?

- Yes
- No

If yes, what message(s) is displayed separately?

- To wrong-way driver:
- To other drivers:

Closing Question

23) Would you recommend elements of the wrong-way driving program to other states? If so, which aspects?

24) Are there any specific items you think should be included in a wrong-way driving mitigation guide?

APPENDIX C: EVALUATION OF TRAINING COURSE

How useful did you find this course to be?	3.85
Please rate the presentation of this course material:	3.92
Please rate the usefulness of the handout material:	3.81
Would you recommend this course to others in your section?	4.00
Would you recommend this course to any other section?	3.76

Which other sections would you recommend this course to?

- Geometrics/Safety people
- Geometrics/Design
- Construction
- All sections of Design and Operations
- Construction folks so as to understand why things are designed
- All District Operations/Maintenance/Designers
- Geometrics/Traffic Ops
- Construction Resident Engineers – for installation justification
- Main audience has been identified
- Consultants, Safety, Geometrics, Traffic Eng.
- ADA
- Design Operations
- Arterial Ops, Geometrics, Crash Studies
- Consultant Studies Unit & In-House Unit within Programming
- Geometric Section/Sign/Traffic Unit
- Design/Operations/Construction

What changes would you recommend to improve this course?

- Slow down & discuss things more during the class, exercises, etc.
- I wish the class was more data driven. I like seeing before and after with data to back up the improvements. Also, address to designers to limit the variations to ramp design. If everything was standardized, drivers would be more comfortable and aware at these intersections.
- Include group exercise to identify problems.
- 2 slides per page portrait. The material was small & difficult to read the photos.

- It was hard to hear the speakers sometimes. Possibly room issue (echo).
- Try to be aware that someone in the audience may have personal experience with a wrong-way driving incident and calling the driver a “drunk idiot” may be offensive.
- The guideline booklet would be nice to have.
- I think a virtual self-lead training would be good. Interactive questions could be worked in, would reach more people.
- Good fast paced presentation.
- The material was very basic. Striping/signing/geometry measures are very familiar to IDOT staff with some years of experience.
- Advanced technology section material is very good. But will it be possible institute such measures statewide?
- Some good basic material for newer engineers/techs, so focus on those groups.
- Workshop or participant examples to work on in-class instead of just being told what the issues are.
- Summary should be listed by bullet points.
- Slide quality needs improvement, text, contrast, more text for explanation.
- This course is in need of lots of improvement.
- It looks like most of the slides & other material are old and outdated.
- Problems need to be identified & suggestive solution is recommended.
- Application of TCDs is different than the IDOT/BSE details – which do we use?
- Stacked signs are not allowed in IL MUTCD? Please check.
- Speakers had a difficult time explaining some of the power point slides. Attendees had a hard time understanding them.
- Speakers' voices got lost in the auditorium/ they did not use a microphone.
- Numerous MUTCD violations – see comments on handout.
- Add initial and maintenance costs.
- Some recommendations violate IDOT policy – see comments.
- For introduction, focus less on the actual statistical analysis & more on the results. This may help keep the audience focused on the end results which most disciplines are interested in. More real world examples of different interchange types & real world examples of good/bad designs for geometrics. Add some guidance on communication between jurisdictions. Many interchanges have roadways under multiple jurisdictions and improvements need to be coordinated between agencies.
- Is the cost of implementation justified by so few fatalities? Some additional signs and geometric improvements would seem to me to be enough downstate. In Chicago area perhaps more costly measures warranted due to volume of traffic. Large cost for 12 fatalities would be better spent elsewhere. What about public surveys to ask where people have been confused and almost gone the wrong way? Fixing a few intersections might be best use of \$.

- This is a technical course. This may need another version for the law enforcement and 911 dispatchers. They have different perspectives, and may need less engineering talk.
- Aerial pictures are better than schematic pictures.
- More examples and show results of what happened after installing different options for preventing WWD.
- Slow presentation down just a bit & discuss the real world issues like you did in last two examples of inspection sheet.
- WW Driver: Gender – unnecessarily sexist to imply that men drive more while women stay home. If you don't have data to support, do not state as possibility/fact.
- Some pictures were difficult to decipher – provide better pictures or better descriptions.
- Do an interactive field inspection (based off of photos) either individually or in group.
- Overall more interaction.
- Provide more information on why this is important to IL. (lots of attention from Secretary/FHWA).
- Provide more IL. Specific examples.
- When discussing raised islands, does this take into account any of the research from Sean Coyle's right turn skew study?
- Sample problems to work on.
- Course could be done as web base/on your own pace.
- Get a better idea of time needed for each module so time can be used as efficiently as possible and don't have to worry about ending too early or going over.
- Make audience do problems.
- Mounting height of signs cannot impede sidewalks or ADA. Are < 5' sign mounting height crash tested? What about stacked DO NOT ENTER signs? Are red pavement markers allowed in Illinois? Thought there is a memo restricting red reflector use?
- Maintenance problems with pavement markings in lanes. Good for about 1 season.
- Don't write policy on ideal conditions. Many signs/geometrics will not work in real world situations. Do not want to write a design exception for every situation.
- More interaction between audience and instructor.
- Remove the slide about enforcement unless given to law enforcement personnel. Module 4 Part 2.
- Look at 2" raised median at noses of raised median to direct cars and allow trucks to cross – comment on long sweeping radius to accommodate WB-65 design vehicles.
- Include countermeasures for SPUIs, it is potentially easy for drivers to make wrong way movements on this type of interchange.
- Classroom participation where participants could be asked what they see as potential problems and solutions for case studies.
- I would suggest making the class more interactive. The portion of the class that allows for direction on completing the field inspection report may be a good starting point. Also, allowing

opportunities for individuals to chime in with possible solutions to interchanges prior to phasing in the correct sign placement (on the slide-during presentations) may be another place for instructor/ class participation.

What changes would you recommend to improve the handout material?

- More examples, etc.
- The cost of improving wrong way driving awareness was not covered. I think it would be helpful to know the cost of implementation of ITS systems or other implementations covered in the class.
- The handout is pretty good. I didn't get to see the guideline booklet.
- Show recommendation on some of the slides in the manual. The presentation included it, but not in the booklet.
- More site specific photos and drawings.
- How good example (safe) & show bad example (less safe).
- Discuss them side by side & point out all the issues.
- Present some case studies for discussion in groups.
- Darken some of the fine lines in design figures.
- Provide more statistics by state & try to ID what causal factors might be seen directly from the data.
- Present before/after data.
- Color slides relay the message better.
- Photos are of poor quality.
- State of Florida road islands & New York State have new system, implementing new traffic control devices. Please visit their web site and view their experience.
- More materials are needed for further explanation of the message.
- One slide shows DO NOT ENTER signs placed in curb ramp detectable warning locations, should be changed.
- Advanced technologies was pretty useless.
- Not enough materials for the planned 4 hour class.
- No questions from attendees / Were they intimidated or did they already know everything? ... I would say the first is correct.
- Many handout pictures not readable, "washed out". Outline curbs, raised medians.
- Have slides with area to write notes on.
- This would be good as a web-base.
- Binder with larger slides or electronic access.

- Use - -> arrows when cars are making WWD errors in video but not slide or add slide with still pictures of possible WWDs.
- Larger font size and maybe 2 slides per page instead of 4 slides.
- Provide a manual on performing WWD investigations and completing the inspection worksheet. Provide worksheets. Would like to use and share with staff.
- Take an intersection and “fix”. Show add islands, No radius corners, etc. Especially on the inspection Module 4 Part 4 – case studies / group exercises.
- I’m glad the handouts weren’t 3 or 6 slides per page. However, some slides were still too small, it was hard to read or discern some of the diagrams or tables.
- I would recommend that the material be unpacked further for each module by using more examples and case studies where possible.
- Overall, I feel that the content is represented well in the handout. If there was a lot of content lacking, there would not have been a positive response from individuals in the class that expressed a usefulness for the material. The pilot provides a good starting point. The challenge will be how to unpack each module to include more material.
- Can we include the Red Reflective strip to the Field Inspection sheet to be included with Signs?

APPENDIX D: IMPLEMENTED COUNTERMEASURES AND LOCATIONS

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
1	1	60W50	Cook	1	S	42.037457	-88.03238	Diamond	I-290	IL 72	Aug-13	Both
2	1	60W50	Cook	1	N	42.036229	-88.029581	Diamond	I-290	IL 72	Aug-13	Both
3	1	60W50	Cook	2	S	42.003588	-88.027915	Modified Diamond	I-290	BIESTERFIELD RD	Aug-13	Signage
4	1	60W50	Cook	2	N	42.003129	-88.023701	Modified Diamond	I-290	BIESTERFIELD RD	Aug-13	Both
5	1	60W50	Cook	3	S	42.101203	-88.020641	Parclo	IL 53	IL 14	Aug-13	Both
6	1	60W50	Cook	3	N	42.099728	-88.017134	Parclo	IL 53	IL 14	Aug-13	Both
7	1	60W50	Cook	4	S	42.063478	-88.030857	Parclo	IL 53	IL 62	Aug-13	Both
8	1	60W50	Cook	4	N	42.062413	-88.025543	Parclo	IL 53	IL 62	Aug-13	Both
9	1	60W50	Cook	5	S	42.152833	-87.799519	Diamond	US 41	LAKE-COOK RD	Aug-13	Both
10	1	60W50	Cook	5	N	42.152337	-87.797945	Diamond	US 41	LAKE-COOK RD	Aug-13	Signage
11	1	60W50	Cook	6	S	41.968085	-87.756943	Diamond	I-90	W LAWRENCE RD	Aug-13	Both
12	1	60W50	Cook	6	N	41.967764	-87.754837	Diamond	I-90	W LAWRENCE RD	Aug-13	Both
13	1	60W50	Cook	7	W	41.871371	-87.853037	Diamond	I-290	17th AVE	Aug-13	Both
14	1	60W50	Cook	7	E	41.870588	-87.853496	Diamond	I-290	17th AVE	Aug-13	Both
15	1	60W50	Cook	8	W	41.871818	-87.833443	Diamond	I-290	1st AVE	Aug-13	Both
16	1	60W50	Cook	8	E	41.87101	-87.833887	Diamond	I-290	1st AVE	Aug-13	Both
17	1	60W50	Cook	9	W	41.982776	-87.806622	Modified Diamond	I-90	IL 43	Aug-13	Both
18	1	60W50	Cook	9	E	41.981803	-87.80988	Modified Diamond	I-90	IL 43	Aug-13	Both
19	1	60W50	Cook	10	W	41.982744	-87.783822	Diamond	I-90	NAGLE AVE	Aug-13	Both
20	1	60W50	Cook	10	E	41.982066	-87.788003	Diamond	I-90	NAGLE AVE	Aug-13	Both
21	1	60W50	Cook	11	W	41.876129	-87.683609	Diamond	I-290	OAKLEY BLVD	Aug-13	Both
22	1	60W50	Cook	11	E	41.875014	-87.686546	Diamond	I-290	OAKLEY BLVD	Aug-13	Both
23	1	60W50	Cook	12	S	41.869824	-87.645361	Half Diamond	I-90/94	TAYLOR ST	Aug-13	Both
24	1	60W50	Cook	13	E	41.87363	-87.804804	Modified Diamond	I-290	IL 43	Aug-13	Both
25	1	60W50	Cook	14	W	42.006633	-87.893932	Half Diamond	I-90	IL 72	Aug-13	Signage

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
26	1	60W50	Cook	15	S	41.857723	-87.644778	Half Diamond	I-90/94	W 18th ST	Aug-13	Signage
27	1	60W50	Cook	16	E	42.144152	-87.829893	Half Diamond	I-94	IL 43	Aug-13	Signage
28	1	60W50	Cook	17	W	41.871603	-87.843264	Half Diamond	I-290	S 9th AVE	Aug-13	Both
29	1	60W50	Cook	18	N	42.081805	-88.02969	Half Diamond	IL 53	KIRCHOFF RD	Aug-13	Both
30	1	60W50	Cook	19	W	41.985092	-87.861358	Parclo	I-190	N RIVER RD	Aug-13	Both
31	1	60W50	Cook	20	W	41.870887	-87.882445	Parclo	I-290	US 12/45	Aug-13	Both
32	1	60W50	Cook	20	E	41.868309	-87.883024	Parclo	I-290	US 12/45	Aug-13	Both
33	1	60W50	Cook	21	W	41.871594	-87.862994	Parclo	I-290	25th AVE	Aug-13	Both
34	1	60W50	Cook	21	E	41.871914	-87.86337	Parclo	I-291	26th AVE	Aug-13	Both
35	1	60W50	Cook	22	S	42.139303	-88.007383	Modified Diamond	IL 53	IL 68	Aug-13	Both
36	1	60W50	Cook	22	N	42.138897	-88.002483	Modified Diamond	IL 53	IL 68	Aug-13	Signage
37	1	60W50	DuPage	1	S	41.95228	-88.035495	Modified Diamond	I-355	US 20	Aug-13	Both
38	1	60W50	DuPage	1	N	41.95077	-88.03362	Modified Diamond	I-355	US 20	Aug-13	Both
39	1	60W50	DuPage	2	S	41.932938	-88.04016	Parclo	I-355	ARMY TRAIL RD	Aug-13	Both
40	1	60W50	DuPage	3	S	41.904597	-88.038966	Diamond	I-355	IL 64	Aug-13	Signage
41	1	60W50	DuPage	3	N	41.903963	-88.037001	Diamond	I-355	IL 64	Aug-13	Signage
42	1	60W50	DuPage	4	N	41.85909	-88.040461	Diamond	I-355	IL 38	Aug-13	Signage
43	1	60W50	DuPage	5	S	41.833327	-88.030028	Diamond	I-355	IL 56	Aug-13	Signage
44	1	60W50	DuPage	5	N	41.832729	-88.027722	Diamond	I-355	IL 56	Aug-13	Signage
45	1	60W50	DuPage	6	S	41.810984	-87.948877	Parclo	IL 83	US 34	Aug-13	Both
46	1	60W50	DuPage	6	N	41.811254	-87.945538	Parclo	IL 83	US 34	Aug-13	Both
47	1	60W50	DuPage	7	S	41.788393	-87.948964	Parclo	IL 83	55th ST	Aug-13	Both
48	1	60W50	DuPage	7	N	41.788926	-87.945334	Parclo	IL 83	55th ST	Aug-13	Both
49	1	60W50	DuPage	8	W	41.863261	-87.931111	Cloverleaf	IL 83	YORK RD	Aug-13	Both
50	1	60W50	Kane	1	W	42.03463	-88.340008	Parclo	US 20	RANDALL RD	Aug-13	Signage

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
51	1	60W50	Kane	1	E	42.030764	-88.338535	Parclo	US 20	RANDALL RD	Aug-13	Both
52	1	60W50	Kane	2	E	42.021591	-88.283869	Diamond	US 20	IL 31	Aug-13	Both
53	1	60W50	Kane	2	W	42.022204	-88.283059	Diamond	US 20	IL 31	Aug-13	Both
54	1	60W50	Kane	3	E	41.723923	-88.351749	Parclo	US 30	IL 31	Aug-13	Both
55	1	60W50	Kane	3	W	41.725139	-88.349717	Parclo	US 30	IL 31	Aug-13	Both
56	1	60W50	Kane	4	E	41.817347	-88.466561	Half Diamond	I-88	IL 47	Aug-13	Signage
57	1	60W50	Lake	1	S	42.356709	-87.935983	Half Diamond	I-94	IL 21	Aug-13	Signage
58	1	60W50	Lake	2	S	42.312223	-87.90585	Diamond	I-94	IL 137	Aug-13	Signage
59	1	60W50	Lake	2	N	42.310937	-87.903256	Diamond	I-94	IL 137	Aug-13	Signage
60	1	60W50	Lake	3	N	42.280367	-87.909683	Modified Diamond	I-94	IL 176	Aug-13	Signage
61	1	60W50	Lake	4	S	42.200637	-87.890691	Diamond	I-94	IL 22	Aug-13	Signage
62	1	60W50	Lake	4	N	42.199911	-87.886883	Diamond	I-94	IL 22	Aug-13	Signage
63	1	60W50	Lake	5	E	42.341232	-87.947499	Parclo	IL 120	IL 21	Aug-13	Signage
64	1	60W50	Lake	5	W	42.344612	-87.944886	Parclo	IL 120	IL 21	Aug-13	Signage
65	1	60W50	Lake	6	E	42.34654	-87.902379	Diamond	IL 120	GREENLEAF AVE	Aug-13	Signage
66	1	60W50	Lake	6	W	42.34767	-87.90161	Diamond	IL 120	GREENLEAF AVE	Aug-13	Signage
67	1	60W50	Lake	7	N	42.359389	-87.893566	Modified Parclo	US 41	WASHINGTON ST	Aug-13	Both
68	1	60W50	Lake	7	S	42.35998207	-87.8937196	Modified Parclo	WASHINGTON ST	US 41	Aug-13	Signage
69	1	60W51	Cook	1	N	41.532409	-87.580669	Diamond	IL 394	GLENWOOD-DYER RD	Aug-13	Both
70	1	60W51	Cook	1	S	41.534085	-87.584131	Diamond	IL 394	GLENWOOD-DYER RD	Aug-13	Both
71	1	60W51	Cook	2	N	41.52784	-87.739538	Parclo	I-57	VOLLMER RD	Aug-13	Signage
72	1	60W51	Cook	3	N	41.505899	-87.739661	Parclo	I-57	US 30	Aug-13	Signage
73	1	60W51	Cook	4	S	41.484058	-87.749683	Modified Diamond	I-57	SAUK TRAIL	Aug-13	Signage
74	1	60W51	Cook	4	N	41.484555	-87.744234	Modified Diamond	I-57	SAUK TRAIL	Aug-13	Signage
75	1	60W51	Cook	5	S	41.683029	-87.85696	Parclo	US 45	IL 83	Aug-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
76	1	60W51	Cook	5	N	41.682811	-87.854221	Parclo	US 45	IL 83	Aug-13	Both
77	1	60W51	Cook	6	E	41.57777446	-87.55962535	SPUI	I-80	US 6	Aug-13	Both
78	1	60W51	Cook	6	W	41.57787786	-87.55931648	SPUI	I-81	US 7	Aug-13	Both
79	1	60W51	Cook	7	E	41.582144	-87.694791	Half Diamond	I-80	KEDZIE AVE	Aug-13	Both
80	1	60W51	Cook	8	S	41.646041	-87.579139	Half Diamond	I-94	137th ST	Aug-13	Both
81	1	60W51	Cook	9	S	41.661928	-87.741634	Modified Diamond	I-294	127th ST	Aug-13	Both
82	1	60W51	Cook	9	N	41.661533	-87.733622	Modified Diamond	I-294	127th ST	Aug-13	Both
83	1	60W51	Cook	10	N	41.71849	-87.804234	Parclo	I-294	95th ST	Aug-13	Both
84	1	60W51	Will	1	S	41.686045	-88.067176	Diamond	I-55	IL 53	Aug-13	Both
85	1	60W51	Will	1	N	41.684337	-88.068341	Diamond	I-55	IL 53	Aug-13	Both
86	1	60W51	Will	2	S	41.657109	-88.124534	Diamond	I-55	WEBER RD	Aug-13	Both
87	1	60W51	Will	2	N	41.653951	-88.125237	Diamond	I-55	WEBER RD	Aug-13	Both
88	1	60W51	Will	3	S	41.584726	-88.170276	Diamond	I-55	US 30	Aug-13	Both
89	1	60W51	Will	3	N	41.582707	-88.166646	Diamond	I-55	US 30	Aug-13	Both
90	1	60W51	Will	4	S	41.521863	-88.189711	Diamond	I-55	US 52	Aug-13	Both
91	1	60W51	Will	4	N	41.521407	-88.18806	Diamond	I-55	US 52	Aug-13	Both
92	1	60W51	Will	5	S	41.455737	-88.197033	Diamond	I-55	US 6	Aug-13	Both
93	1	60W51	Will	5	N	41.456546	-88.194854	Diamond	I-55	US 6	Aug-13	Both
94	1	60W51	Will	6	S	41.434803	-88.197005	Diamond	I-55	BLUFF RD	Aug-13	Both
95	1	60W51	Will	6	N	41.434507	-88.192992	Diamond	I-55	BLUFF RD	Aug-13	Both
96	1	60W51	Will	7	S	41.34518	-88.192741	Diamond	I-55	LORENZO RD	Aug-13	Both
97	1	60W51	Will	7	N	41.343178	-88.190793	Diamond	I-55	LORENZO RD	Aug-13	Both
98	1	60W51	Will	8	S	41.35327	-88.193661	Parclo	I-55	RIVER RD	Aug-13	Both
99	1	60W51	Will	8	N	41.351841	-88.190649	Parclo	I-55	RIVER RD	Aug-13	Both
100	1	60W51	Will	9	S	41.289162	-88.233395	Diamond	I-55	IL 113	Aug-13	Both
101	1	60W51	Will	9	N	41.288792	-88.229329	Diamond	I-55	IL 113	Aug-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
102	1	60W51	Will	10	S	41.259624	-88.247835	Diamond	I-55	REED RD	Aug-13	Both
103	1	60W51	Will	10	N	41.259309	-88.244817	Diamond	I-55	REED RD	Aug-13	Both
104	1	60W51	Will	11	W	41.49317	-88.167785	Diamond	I-80	HOBULT RD	Aug-13	Both
105	1	60W51	Will	11	E	41.49317	-88.167785	Diamond	I-80	HOBULT RD	Aug-13	Both
106	1	60W51	Will	12	W	41.513748	-88.072606	Diamond	I-80	NEW RICHARDS ST	Aug-13	Both
107	1	60W51	Will	12	E	41.512095	-88.073365	Diamond	I-80	NEW RICHARDS ST	Aug-13	Both
108	1	60W51	Will	13	W	41.512915	-88.082646	Cloverleaf	I-80	US 52	Aug-13	Both
109	1	60W51	Will	13	E	41.510444	-88.081897	Cloverleaf	I-80	US 52	Aug-13	Both
110	1	60W51	Will	14	W	41.515137	-88.042436	Diamond	I-80	BRIGGS ST	Aug-13	Both
111	1	60W51	Will	14	E	41.511209	-88.043174	Diamond	I-80	BRIGGS ST	Aug-13	Both
112	1	60W51	Will	15	W	41.520264	-87.994346	Parclo	I-80	US 30	Aug-13	Both
113	1	60W51	Will	15	E	41.519571	-87.990024	Parclo	I-80	US 30	Aug-13	Both
114	1	60W51	Will	16	W	41.555119	-87.852782	Parclo	I-80	US 45	Aug-13	Both
115	1	60W51	Will	16	E	41.550831	-87.853455	Parclo	I-80	US 45	Aug-13	Both
116	1	60W51	Will	17	S	41.634528	-88.012828	Half Diamond	I-355	IL 171	Aug-13	Both
117	1	60W51	Will	18	S	41.598606	-88.012174	Diamond	I-355	IL 7	Aug-13	Both
118	1	60W51	Will	18	N	41.597682	-88.009988	Diamond	I-355	IL 7	Aug-13	Both
119	1	60W51	Will	19	S	41.427231	-87.76135	Diamond	I-57	MONEE-MANHATTAN RD	Aug-13	Both
120	1	60W51	Will	19	N	41.426697	-87.757661	Diamond	I-57	MONEE-MANHATTAN RD	Aug-13	Both
121	1	60W51	Will	20	S	41.32467	-87.821623	Diamond	I-57	WILL-PEOTONE RD	Aug-13	Both
122	1	60W51	Will	20	N	41.324272	-87.818044	Diamond	I-57	WILL-PEOTONE RD	Aug-13	Both
123	1	60X30	Cook	1	E	42.10979629	-87.93727939	Diamond	PALATINE RD	IL 83	Jan-14	Both
124	1	60X30	Cook	1	W	42.10979629	-87.93727939	Diamond	PALATINE RD	IL 83	Jan-14	Both
125	1	60X30	Cook	2	E	42.10954879	-87.90750708	Diamond	PALATINE RD	WOLF RD	Jan-14	Both
126	1	60X30	Cook	2	W	42.10954879	-87.90750708	Diamond	PALATINE RD	WOLF RD	Jan-14	Both
127	1	60X30	Cook	3	E	42.108088	-87.889896	Modified Diamond	PALATINE RD	US 45	Jan-14	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
128	1	60X30	Cook	3	W	42.109485	-87.890038	Modified Diamond	PALATINE RD	US 45	Jan-14	Both
129	1	60X30	Cook	4	E	42.152555	-87.914773	Diamond	LAKE-COOK RD	IL 21	Jan-14	Both
130	1	60X30	Cook	5	N	42.128535	-88.003855	Half Diamond	IL 53	US 12	Jan-14	Signage
131	1	60X30	Cook	6	S	42.1347196	-88.09358659	Diamond	US 14	IL 68	Jan-14	Both
132	1	60X30	Cook	6	N	42.133553	-88.092497	Diamond	US 14	IL 68	Jan-14	Both
133	1	60X30	Cook	7	W	42.04042861	-87.82665023	Diamond	US 14	IL 61	Jan-14	Both
134	1	60X30	Cook	7	E	42.04026506	-87.8263255	Diamond	US 14	IL 61	Jan-14	Both
135	1	60X30	Lake	1	W	42.153863	-87.914539	Diamond	LAKE-COOK RD	IL 21	Jan-14	Both
136	1	60X30	Lake	2	S	42.258415	-88.154402	Diamond	US 12	IL 176	Jan-14	Both
137	1	60X30	Lake	2	N	42.257322	-88.152199	Diamond	US 12	IL 176	Jan-14	Both
138	1	60X30	Lake	3	S	42.249537	-88.146998	Exit Ramp	US 12	IL 59	Jan-14	Both
139	1	60X30	Lake	4	S	42.371214	-87.896623	Diamond	US 41	IL 132	Jan-14	Both
140	1	60X30	Lake	4	N	42.370476	-87.895735	Diamond	US 41	IL 132	Jan-14	Both
141	1	60X30	Lake	5	S	42.24733	-87.862682	Diamond	US 41	DEERPATH RD	Jan-14	Both
142	1	60X30	Lake	6	N	42.199454	-87.830027	Modified Diamond	US 41	HALF-DAY RD	Jan-14	Signage
143	1	60X30	Lake	6	S	42.200089	-87.833484	Modified Diamond	US 41	IL 22	Jan-14	Both
144	1	60X30	Lake	7	W	42.182638	-87.821088	Cloverleaf	DEERFIELD RD	OLD SKOKIE RD	Jan-14	Both
145	1	60X30	Lake	8	S	42.158616	-87.805838	Parclo	US 41	SKOKIE VALLY RD	Jan-14	Signage
146	1	60X30	Lake	9	N	42.159636	-87.80409	Parclo	US 41	CLAVEY RD	Jan-14	Signage
147	1	60X30	Lake	10	N	42.384356	-87.825628	Half Diamond	IL 137	GREENWOOD AVE	Jan-14	Signage
148	1	60X30	Lake	11	S	42.364095	-87.828868	Diamond	IL 137	GRAND AVE	Jan-14	Both
149	1	60X30	Lake	11	N	42.363492	-87.828594	Diamond	IL 137	GRAND AVE	Jan-14	Signage
150	1	60X30	Lake	12	S	42.315616	-87.845249	Modified Diamond	IL 137	24th ST	Jan-14	Both
151	1	60X30	Lake	12	N	42.315067	-87.844989	Modified Diamond	IL 138	24th ST	Jan-14	Both
152	1	60X30	Lake	13	N	42.217895	-87.84475	Modified Diamond	US 41	OLD ELM RD	Jan-14	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
153	1	60X30	McHenry	1	S	42.226102	-88.288027	Diamond	IL 31	US 14	Jan-14	Signage
154	1	60X30	McHenry	1	N	42.225187	-88.286885	Diamond	IL 31	US 14	Jan-14	Both
155	1	60X31	Cook	1	S	41.90771344	-87.88609724	At-Grade Intersection	US 45	IL 64	Jan-14	Both
156	1	60X31	Cook	1	S	41.90771344	-87.88609724	At-Grade Intersection	US 45	IL 64	Jan-14	Both
157	1	60X31	Cook	1	N	41.907693	-87.881284	At-Grade Intersection	US 45	IL 64	Jan-14	Both
158	1	60X31	Cook	2	E	42.009886	-88.203456	Parclo	US 20	IL 59	Jan-14	Both
159	1	60X31	Cook	2	W	42.007161	-88.203526	Parclo	US 20	IL 59	Jan-14	Both
160	1	60X31	Cook	3	W	41.995951	-88.11916	Half Diamond	ELGIN O'HARE EXPY	SPRINGINSGUTH RD	Jan-14	Both
161	1	60X31	Cook	3	E	41.993944	-88.119501	Half Diamond	ELGIN O'HARE EXPY	SPRINGINSGUTH RD	Jan-14	Both
162	1	60X31	Cook	4	W	41.996921	-88.116863	Half Diamond	ELGIN O'HARE EXPY	IL 19	Jan-14	Both
163	1	60X31	Cook	4	E	41.995775	-88.11458	Half Diamond	ELGIN O'HARE EXPY	IL 19	Jan-14	Both
164	1	60X31	Cook	5	W	41.998222	-88.101517	Modified Diamond	ELGIN O'HARE EXPY	WRIGHT BLVD	Jan-14	Both
165	1	60X31	Cook	6	S	41.77745	-87.802527	At-Grade Intersection	IL 43	63rd ST	Jan-14	Both
166	1	60X31	Cook	7	S	41.774388	-87.802933	At-Grade Intersection	IL 43	65th ST	Jan-14	Both
167	1	60X31	Cook	8	S	41.80727905	-87.83357866	Scissors Channelization	IL 171	47th ST	Jan-14	Both
168	1	60X31	Cook	8	S	41.80423609	-87.83366744	Scissors Channelization	47th ST	IL 171	Jan-14	Both
169	1	60X31	Cook	8	N	41.80565126	-87.83261982	Modified Diamond	IL 171	47th ST	Jan-14	Both
170	1	60X31	Cook	9	N	41.798579	-87.831862	Modified Diamond	IL 171	JOLIET RD	Jan-14	Both
171	1	60X31	Cook	10	N	41.66810243	-87.82751702	Modified Diamond	123rd ST	IL 7	Jan-14	Pavement Marking
172	1	60X31	Cook	10	S	41.667551	-87.829061	Modified Diamond	IL 7	123rd ST	Jan-14	Both
173	1	60X31	Cook	10	N	41.66721791	-87.82900291	Modified Diamond	IL 7	123rd ST	Jan-14	Both
174	1	60X31	Cook	11	S	41.62685012	-87.53955126	Parclo	BURNHAM AVE	STATE ST	Jan-14	Both
175	1	60X31	Cook	11	N	41.62685012	-87.53955126	Parclo	BURNHAM AVE	STATE ST	Jan-14	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
176	1	60X31	Cook	12	N	41.9062424	-87.91890554	Modified Parclo	US 20	I-294	Jan-14	Both
177	1	60X31	DuPage	1	E	41.799872	-88.077819	Parclo	US 34	IL 53	Jan-14	Both
178	1	60X31	DuPage	1	W	41.801994	-88.077959	Parclo	US 34	IL 53	Jan-14	Both
179	1	60X31	DuPage	2	S	41.83253	-87.956025	Diamond	IL 83	31st ST	Jan-14	Both
180	1	60X31	DuPage	2	N	41.831995	-87.954467	Diamond	IL 83	31st ST	Jan-14	Both
181	1	60X31	DuPage	3	S	41.924811	-87.968676	Parclo	IL 83	US 20	Jan-14	Both
182	1	60X31	DuPage	3	N	41.922742	-87.964137	Parclo	IL 83	US 20	Jan-14	Both
183	1	60X31	DuPage	4	W	41.982433	-88.139762	Half Diamond	ELGIN O'HARE EXPY	US 20	Jan-14	Signage
184	1	60X31	DuPage	5	W	41.86257	-87.950419	Modified Diamond	IL 38	IL 56	Jan-14	Both
185	1	60X31	DuPage	6		41.912788	-87.93942	Modified Parclo	I-290	YORK RD	Jan-14	Both
186	1	60X31	DuPage	7	E	41.83539146	-88.01103697	SPUI	IL 56	HIGHLAND AVE	Jan-14	Signage
187	1	60X31	DuPage	7	W	41.83531997	-88.01126417	SPUI	IL 57	HIGHLAND AVE	Jan-14	Signage
188	1	60X31	Kane	1	W	41.766818	-88.442865	Parclo	US 30	IL 47	Jan-14	Both
189	1	60X31	Kane	2	E	42.019917	-88.270561	Diamond	US 20	GRACE ST	Jan-14	Both
190	1	60X31	Kane	2	W	42.020806	-88.270486	Diamond	US 20	GRACE ST	Jan-14	Both
191	1	60X31	Kane	3	E	41.768845	-88.413737	Modified Diamond	IL 56	GALENA BLVD	Jan-14	Both
192	1	60X31	Kane	3	W	41.77013	-88.418408	Modified Diamond	IL 56	GALENA BLVD	Jan-14	Both
193	2	64J57	Boone	5	W	42.24026395	-88.86011941	Parclo	US 20	APPLETON RD	Jun-13	Both
194	2	64J57	Boone	5	E	42.2397446	-88.85992349	Parclo	US 20	APPLETON RD	Jun-13	Both
195	2	64J57	Henry	7	W	41.40457125	-89.90465851	Diamond	I-80	IL 78	Jun-13	Both
196	2	64J57	Henry	7	E	41.40457125	-89.90465851	Diamond	I-80	IL 78	Jun-13	Both
197	2	64J57	Henry	8	W	41.41021627	-90.01434954	Diamond	I-80	CR 5	Jun-13	Both
198	2	64J57	Henry	8	E	41.40739347	-90.01590746	Diamond	I-80	CR 5	Jun-13	Both
199	2	64J57	Henry	9	W	41.43018316	-90.15723558	Diamond	I-80	IL 82	Jun-13	Both
200	2	64J57	Henry	9	E	41.43013115	-90.15680763	Diamond	I-80	IL 82	Jun-13	Both
201	2	64J57	Henry	10	W	41.45436496	-90.33481918	Diamond	I-80	US 6	Jun-13	Both

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202	2	64J57	Henry	10	E	41.45609195	-90.33750668	Diamond	I-80	US 6	Jun-13	Both
203	2	64J57	Henry	11	W	41.48526602	-90.34051262	Parclo	I-80	CLEVELAND RD	Jun-13	Both
204	2	64J57	Henry	11	E	41.48650476	-90.33676573	Parclo	I-80	CLEVELAND RD	Jun-13	Both
205	2	64J57	Henry	12	N	41.17997206	-90.32905205	Parclo	I-74	IL 17	Jun-13	Both
206	2	64J57	Henry	12	S	41.18106488	-90.33428441	Parclo	I-74	IL 17	Jun-13	Both
207	2	64J57	Henry	13	N	41.29532522	-90.33168491	Diamond	I-74	IL 81	Jun-13	Both
208	2	64J57	Henry	13	S	41.2959852	-90.33604395	Diamond	I-74	IL 81	Jun-13	Both
209	2	64J57	Jo Daviess	15	W	42.46296453	-90.51576593	Modified Diamond	US 20	S MERIDIAN RD	Jun-13	Both
210	2	64J57	Lee	17	S	41.69901684	-89.03211024	Diamond	I-39	CO HWY 10	Jun-13	Both
211	2	64J57	Lee	17	N	41.69871254	-89.03204606	Diamond	I-39	CO HWY 10	Jun-13	Both
212	2	64J57	Lee	18	S	41.76072438	-89.00745867	Diamond	I-39	US 30	Jun-13	Both
213	2	64J57	Lee	18	N	41.76072438	-89.00745867	Diamond	I-39	US 30	Jun-13	Both
214	2	64J57	Lee	19	S	41.84864984	-89.01034331	Parclo	I-39	CO HWY 02	Jun-13	Both
215	2	64J57	Lee	19	N	41.84872466	-89.00979728	Parclo	I-39	CO HWY 02	Jun-13	Both
216	2	64J57	Ogle	21	S	41.935155	-89.02469153	Diamond	I-39	IL 38	Jun-13	Both
217	2	64J57	Ogle	21	N	41.93449524	-89.02189393	Diamond	I-39	IL 38	Jun-13	Both
218	2	64J57	Ogle	22	S	42.00763242	-89.02272829	Diamond	I-39	IL 64	Jun-13	Both
219	2	64J57	Ogle	22	N	42.0070649	-89.01814743	Diamond	I-39	IL 64	Jun-13	Both
220	2	64J57	Ogle	23	S	42.10136213	-89.02427255	Parclo	I-39	IL 72	Jun-13	Both
221	2	64J57	Ogle	23	N	42.10133166	-89.02107108	Parclo	I-39	IL 72	Jun-13	Both
222	2	64J57	Rock Island	25	S	41.51079467	-90.58013835	Parclo	US 67	1st AVE	Jun-13	Both
223	2	64J57	Rock Island	25	N	41.5109318	-90.57937744	Parclo	US 67	1st AVE	Jun-13	Signage
224	2	64J57	Rock Island	26	W	41.57659527	-90.35954228	Parclo	I-80	IL 84	Jun-13	Both
225	2	64J57	Rock Island	26	E	41.5751685	-90.36416726	Parclo	I-80	IL 84	Jun-13	Both
226	2	64J57	Rock Island	26	W	41.45370136	-90.54820158	Parclo	I-280	1st AVE E	Jun-13	Both
227	2	64J57	Rock Island	26	E	41.45282192	-90.54745777	Parclo	I-280	1st AVE E	Jun-13	Both
228	2	64J57	Rock Island	27	W	41.46802784	-90.53590146	Modified Diamond	IL 5	MILAN PKWY	Jun-13	Both

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229	2	64J57	Rock Island	27	E	41.46642057	-90.53528747	Modified Diamond	IL 5	MILAN PKWY	Jun-13	Both
230	2	64J57	Rock Island	28	W	41.5083413	-90.40015123	Parclo	IL 5	IL 84	Jun-13	Both
231	2	64J57	Rock Island	28	E	41.50726664	-90.39922079	Parclo	IL 5	IL 84	Jun-13	Both
232	2	64J57	Rock Island	29	W	41.48294737	-90.60161259	Diamond	IL 92	CENTENNIAL EXPY & SUNSET LN	Jun-13	Both
233	2	64J57	Rock Island	29	E	41.48294737	-90.60161259	Diamond	IL 92	CENTENNIAL EXPY & SUNSET LN	Jun-13	Both
234	2	64J57	Rock Island	30	W	41.49411843	-90.59326795	Diamond	IL 92	CENTENNIAL EXPY & 18th AVE	Jun-13	Both
235	2	64J57	Rock Island	30	E	41.49411843	-90.59326795	Diamond	IL 92	CENTENNIAL EXPY & 18th AVE	Jun-13	Both
236	2	64J57	Rock Island	31	W	41.50215922	-90.59308968	Diamond	IL 92	CENTENNIAL EXPY & 2nd ST	Jun-13	Both
237	2	64J57	Rock Island	31	E	41.50215922	-90.59308968	Diamond	IL 92	CENTENNIAL EXPY & 2nd ST	Jun-13	Both
238	2	64J57	Rock Island	32	S	41.53808598	-90.32697582	Diamond	I-88	OLD ROUTE 2	Jun-13	Both
239	2	64J57	Rock Island	32	N	41.53433798	-90.32842498	Diamond	I-88	OLD ROUTE 2	Jun-13	Both
240	2	64J57	Rock Island	33	W	41.55678499	-90.24195094	Diamond	I-88	IL 92	Jun-13	Both
241	2	64J57	Rock Island	33	E	41.55678499	-90.24195094	Diamond	I-88	IL 92	Jun-13	Both
242	2	64J57	Rock Island	34	W	41.60745077	-90.19475415	Diamond	I-88	CR 203	Jun-13	Both
243	2	64J57	Rock Island	34	E	41.60906932	-90.19198013	Diamond	I-88	CR 203	Jun-13	Both
244	2	64J57	Rock Island	35	W	41.49096015	-90.50370212	Diamond	I-74	AVENUE OF THE CITIES	Jun-13	Both
245	2	64J57	Rock Island	35	E	41.49108968	-90.50430266	Diamond	I-74	AVENUE OF THE CITIES	Jun-13	Both
246	2	64J57	Rock Island	36	S	41.50627752	-90.50863945	Diamond	I-74	7th AVE	Jun-13	Both
247	2	64J57	Rock Island	36	N	41.50627752	-90.50863945	Diamond	I-74	7th AVE	Jun-13	Both
248	2	64J57	Rock Island	37	W	41.51076508	-90.50869545	Modified Diamond	I-74	RIVER DR	Jun-13	Both
249	2	64J57	Stephenson	39	S	42.32092269	-89.63280919	Diamond	US 20	IL 26	Jun-13	Both
250	2	64J57	Stephenson	39	N	42.32183252	-89.63187574	Diamond	US 20	IL 26	Jun-13	Both
251	2	64J57	Stephenson	40	S	42.3120318	-89.57330143	Diamond	US 20	IL 75	Jun-13	Both
252	2	64J57	Stephenson	40	N	42.31287681	-89.57225852	Diamond	US 20	IL 75	Jun-13	Both
253	2	64J57	Stephenson	41	E	42.27877745	-89.54311911	Half Diamond	US 20	SPRINGFIELD RD	Jun-13	Both
254	2	64J57	Whiteside	43	W	41.68902362	-90.09580479	Diamond	I-88	CR 13	Jun-13	Both

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255	2	64J57	Whiteside	43	E	41.68902362	-90.09580479	Diamond	I-88	CR 13	Jun-13	Both
256	2	64J57	Whiteside	44	W	41.72386614	-89.96597379	Diamond	I-88	IL 78	Jun-13	Both
257	2	64J57	Whiteside	44	E	41.72115712	-89.96704763	Diamond	I-88	IL 78	Jun-13	Both
258	2	64J57	Whiteside	45	W	41.75313081	-89.68816411	Diamond	I-88	IL 40	Jun-13	Both
259	2	64J57	Whiteside	45	E	41.75010136	-89.68934432	Diamond	I-88	IL 40	Jun-13	Both
260	2	64J57	Whiteside	46	E	41.75776527	-89.6372145	Diamond	I-88	US 30	Jun-13	Both
261	2	64J57	Winnebago	48	S	42.16537873	-89.0226335	Diamond	I-39	BAXTER RD	Jun-13	Both
262	2	64J57	Winnebago	48	N	42.16537873	-89.0226335	Diamond	I-39	BAXTER RD	Jun-13	Both
263	2	64J57	Winnebago	49	S	42.45712872	-88.99521683	Diamond	I-39	E ROCKTON RD	Jun-13	Both
264	2	64J57	Winnebago	50	S	42.4906785	-88.99289984	Diamond	I-39	US 51	Jun-13	Both
265	2	64J57	Winnebago	50	N	42.4906785	-88.99289984	Diamond	I-39	US 52	Jun-13	Both
266	2	64J57	Winnebago	51	W	42.26596055	-89.17343536	Diamond	US 20	S MERIDIAN RD	Jun-13	Both
267	2	64J57	Winnebago	51	E	42.26596055	-89.17343536	Diamond	US 20	S MERIDIAN RD	Jun-13	Both
268	2	64J57	Winnebago	52	W	42.21922259	-89.0286304	Diamond	US 20	S ALPINE ROAD	Jun-13	Both
269	2	64J57	Winnebago	52	E	42.21922259	-89.0286304	Diamond	US 20	S ALPINE ROAD	Jun-13	Both
270	2	64J57	Winnebago	53	W	42.24484326	-89.14057585	Diamond	US 20	MONTAGUE RD	Jun-13	Both
271	2	64J57	Winnebago	53	E	42.24484326	-89.14057585	Diamond	US 20	MONTAGUE RD	Jun-13	Both
272	2	64J57	Winnebago	54	E	42.4574177	-89.01718481	Parclo	IL 259	ROCKTON RD	Jun-13	Both
273	2	64J57	Winnebago	54	W	42.45636893	-89.02125003	Parclo	IL 259	ROCKTON RD	Jun-13	Both
274	3	66C96	DeKalb	1	E	41.89989137	-88.72323248	Parclo	I-88	PEACA RD	May-13	Both
275	3	66C96	DeKalb	1	W	41.89989137	-88.72323248	Parclo	I-88	PEACA RD	May-13	Both
276	3	66C96	Bureau	2	E	41.38705267	-89.68565726	Parclo	I-80	IL 40	May-13	Both
277	3	66C96	Bureau	2	W	41.38783923	-89.68558896	Parclo	I-80	IL 40	May-13	Both
278	3	66C96	Bureau	3	E	41.39917143	-89.46919971	Diamond	I-80	IL 26	May-13	Both
279	3	66C96	Bureau	3	W	41.39917143	-89.46919971	Diamond	I-80	IL 26	May-13	Both
280	3	66C96	Bureau	4	E	41.36768795	-89.21976709	Diamond	I-80	IL 89	May-13	Both
281	3	66C96	Bureau	4	W	41.36768795	-89.21976709	Diamond	I-80	IL 90	May-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
282	3	66C96	Bureau	5	N	41.3712268	-89.38169443	Diamond	I-81	US 6	May-13	Both
283	3	66C96	Bureau	5	S	41.3712268	-89.38169443	Diamond	I-81	US 6	May-13	Both
284	3	66C96	Bureau	6	N	41.31652173	-89.39344061	Diamond	I-180	IL 26	May-13	Both
285	3	66C96	Bureau	6	S	41.31652173	-89.39344061	Diamond	I-180	IL 26	May-13	Both
286	3	66C96	LaSalle	7	N	41.55405238	-89.05885741	Diamond	I-39	US 34	May-13	Both
287	3	66C96	LaSalle	7	S	41.55405238	-89.05885741	Diamond	I-39	US 34	May-13	Both
288	3	66C96	LaSalle	8	N	41.4691128	-89.0504678	Diamond	I-39	US 52	May-13	Both
289	3	66C96	LaSalle	8	S	41.4691128	-89.0504678	Diamond	I-39	US 52	May-13	Both
290	3	66C96	LaSalle	9	N	41.33648144	-89.0714179	Diamond	I-39	US 6	May-13	Both
291	3	66C96	LaSalle	9	S	41.33648144	-89.0714179	Diamond	I-39	US 6	May-13	Both
292	3	66C96	LaSalle	10	N	41.29498213	-89.08344194	Diamond	I-39	W WALNUT ST	May-13	Both
293	3	66C96	LaSalle	10	S	41.29498213	-89.08344194	Diamond	I-39	W WALNUT ST	May-13	Both
294	3	66C96	LaSalle	11	N	41.27508348	-89.08127332	Diamond	I-39	251	May-13	Both
295	3	66C96	LaSalle	11	S	41.27508348	-89.08127332	Diamond	I-39	251	May-13	Both
296	3	66C96	LaSalle	12	N	41.26513278	-89.08002734	Diamond	I-39	IL 71	May-13	Both
297	3	66C96	LaSalle	12	S	41.26503874	-89.08040103	Diamond	I-39	IL 72	May-13	Both
298	3	66C96	LaSalle	13	N	41.22093047	-89.07821272	Diamond	I-39	RAY RICHARDSON RD	May-13	Both
299	3	66C96	LaSalle	13	S	41.22093047	-89.07821272	Diamond	I-39	RAY RICHARDSON RD	May-13	Both
300	3	66C96	LaSalle	14	N	41.11913693	-89.07455789	Diamond	I-40	IL 18	May-13	Both
301	3	66C96	LaSalle	14	S	41.11913693	-89.07455789	Diamond	I-40	IL 18	May-13	Both
302	3	66C96	LaSalle	15	E	41.36468754	-89.15131901	Diamond	I-80	PLANK RD	May-13	Both
303	3	66C96	LaSalle	15	W	41.36468754	-89.15131901	Diamond	I-80	PLANK RD	May-13	Both
304	3	66C96	LaSalle	16	E	41.36490148	-89.12583662	Diamond	I-80	E 2nd RD	May-13	Both
305	3	66C96	LaSalle	16	W	41.36490148	-89.12583662	Diamond	I-80	E 3rd RD	May-13	Both
306	3	66C96	LaSalle	17	E	41.37580127	-88.83618801	Diamond	I-80	IL 13	May-13	Both
307	3	66C96	LaSalle	17	W	41.37580127	-88.83618801	Diamond	I-80	IL 14	May-13	Both
308	3	66C96	LaSalle	18	E	41.37625084	-88.77857262	Diamond	I-80	IL 71	May-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
309	3	66C96	LaSalle	18	W	41.37625084	-88.77857262	Diamond	I-80	IL 71	May-13	Both
310	3	66C96	LaSalle	19	E	41.37504043	-88.70623282	Diamond	I-80	E 24th RD	May-13	Both
311	3	66C96	LaSalle	19	W	41.37504043	-88.70623282	Diamond	I-80	E 24th RD	May-13	Both
312	3	66C96	Grundy	20	E	41.37643698	-88.5573458	Diamond	I-80	SENECA RD	May-13	Both
313	3	66C96	Grundy	20	W	41.37643698	-88.5573458	Diamond	I-80	SENECA RD	May-13	Both
314	3	66C96	Grundy	21	E	41.38845399	-88.42245829	Diamond	I-80	IL 47	May-13	Both
315	3	66C96	Grundy	21	W	41.38845399	-88.42245829	Diamond	I-80	IL 47	May-13	Both
316	3	66C96	Grundy	22	E	41.42010252	-88.36544181	Diamond	I-80	BRISBIN RD	May-13	Both
317	3	66C96	Grundy	22	W	41.42078741	-88.3650314	Diamond	I-80	BRISBIN RD	May-13	Both
318	3	66C96	Grundy	23	E	41.46210449	-88.27254921	Diamond	I-80	RIDGE RD	May-13	Both
319	3	66C96	Grundy	23	W	41.46210449	-88.27254921	Diamond	I-80	RIDGE RD	May-13	Both
320	3	66C96	Grundy	24	E	41.1170567	-88.41371271	Diamond	I-55	IL 47	May-13	Both
321	3	66C96	Grundy	24	W	41.1170567	-88.41371271	Diamond	I-55	IL 47	May-13	Both
322	3	66C96	Grundy	25	N	41.18511486	-88.32181547	Diamond	I-55	IL 53	May-13	Both
323	3	66C96	Grundy	25	S	41.18511486	-88.32181547	Diamond	I-55	IL 53	May-13	Both
324	3	66C96	Grundy	26	N	41.25924276	-88.24598114	Diamond	I-55	E REED RD	May-13	Both
325	3	66C96	Grundy	26	S	41.25924276	-88.24598114	Diamond	I-55	E REED RD	May-13	Both
326	3	66C96	Livingston	27	N	40.87345797	-88.67456726	Diamond	I-55	IL 116	May-13	Both
327	3	66C96	Livingston	27	S	40.87345797	-88.67456726	Diamond	I-55	IL 116	May-13	Both
328	3	66C96	Livingston	28	N	40.9192869	-88.64228563	Diamond	I-55	IL 23	May-13	Both
329	3	66C96	Livingston	28	S	40.9192869	-88.64228563	Diamond	I-55	IL 23	May-13	Both
330	3	66C96	Livingston	29	N	41.00600019	-88.53634727	Diamond	I-55	E 2600 N RD	May-13	Both
331	3	66C96	Livingston	29	S	41.00600019	-88.53634727	Diamond	I-55	E 2600 N RD	May-13	Both
332	3	66C96	Livingston	30	N	41.09385964	-88.450395	Diamond	I-55	E 3200 N RD	May-13	Both
333	3	66C96	Livingston	30	S	41.09385964	-88.450395	Diamond	I-55	E 3200 N RD	May-13	Both
334	3	66C96	Kankakee	31	N	41.07698122	-87.86864788	Parclo	I-57	US 45	May-13	Both
335	3	66C96	Kankakee	31	S	41.07698122	-87.86864788	Parclo	I-57	US 45	May-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
336	3	66C96	Kankakee	32	N	41.11875228	-87.83490672	Parclo	I-57	IL 17	May-13	Both
337	3	66C96	Kankakee	32	S	41.11875228	-87.83490672	Parclo	I-57	IL 17	May-13	Both
338	3	66C96	Kankakee	33	N	41.16831581	-87.85086039	Diamond	I-57	IL 50	May-13	Both
339	3	66C96	Kankakee	33	S	41.16831581	-87.85086039	Diamond	I-57	IL 50	May-13	Both
340	3	66C96	Kankakee	34	N	41.25084704	-87.85184796	Diamond	I-57	E 9000 N RD	May-13	Both
341	3	66C96	Kankakee	34	S	41.25084704	-87.85184796	Diamond	I-57	E 9000 N RD	May-13	Both
342	3	66C96	Ford	35	N	40.45558159	-88.11445036	Diamond	I-57	IL 9	May-13	Both
343	3	66C96	Ford	35	S	40.45558159	-88.11445036	Diamond	I-57	IL 9	May-13	Both
344	3	66C96	Iroquois	36	N	40.60476873	-88.05522739	Diamond	I-57	E 800 N RD	May-13	Both
345	3	66C96	Iroquois	36	S	40.60476873	-88.05522739	Diamond	I-57	E 800 N RD	May-13	Both
346	3	66C96	Iroquois	37	N	40.7147573	-88.02885653	Diamond	I-57	IL 54	May-13	Both
347	3	66C96	Iroquois	37	S	40.7147573	-88.02885653	Diamond	I-57	IL 54	May-13	Both
348	3	66C96	Iroquois	38	N	40.75116289	-88.00611553	Diamond	I-57	US 24	May-13	Both
349	3	66C96	Iroquois	38	S	40.75116289	-88.00611553	Diamond	I-57	US 24	May-13	Both
350	3	66C96	Iroquois	39	N	40.8838442	-87.96753207	Diamond	I-57	US 116	May-13	Both
351	3	66C96	Iroquois	39	S	40.8838442	-87.96753207	Diamond	I-57	US 116	May-13	Both
352	3	66C96	Iroquois	40	N	40.92873221	-87.92931369	Parclo	I-57	2900 N RD	May-13	Both
353	3	66C96	Iroquois	40	S	40.92873221	-87.92931369	Parclo	I-57	2900 N RD	May-13	Both
354	3	66C96	Iroquois	41	N	40.99986291	-87.90640604	Diamond	I-57	CHEBANSE RD	May-13	Both
355	3	66C96	Iroquois	41	S	40.99986291	-87.90640604	Diamond	I-57	CHEBANSE RD	May-13	Both
356	4	68B32	Knox	1	N	40.92241386	-90.29548889	Diamond	I-74	CO HWY 09	May-13	Both
357	4	68B32	Knox	1	S	40.92098805	-90.29573017	Diamond	I-74	CO HWY 09	May-13	Both
358	4	68B32	Knox	2	W	40.91193148	-90.24656912	Modified Diamond	I-74	IL 17	May-13	Both
359	4	68B32	Knox	2	E	40.91181333	-90.25017574	Modified Diamond	I-74	IL 17	May-13	Both
360	4	68B32	Knox	3	W	40.98444604	-90.36342346	Diamond	US 34	N SEMINARY ST	May-13	Both
361	4	68B32	Knox	3	E	40.98331713	-90.36420033	Diamond	US 34	N SEMINARY ST	May-13	Both
362	4	68B32	Knox	4	N	40.94767875	-90.40773662	Diamond	US 34	IL 164	May-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
363	4	68B32	Knox	4	S	40.94823052	-90.41194858	Diamond	US 34	IL 164	May-13	Both
364	4	68B32	Warren	5	W	40.9201363	-90.51640808	Diamond	US 34	CO HWY 15	May-13	Both
365	4	68B32	Warren	5	E	40.9201363	-90.51640808	Diamond	US 34	CO HWY 15	May-13	Both
366	4	68B32	Marshall	6	N	41.02688724	-89.05529374	Diamond	I-39	IL 17	May-13	Both
367	4	68B32	Marshall	6	S	41.02733898	-89.05633578	Diamond	I-39	IL 17	May-13	Both
368	4	68B32	Woodford	7	N	40.91055203	-89.05605903	Diamond	I-39	CO HWY 02	May-13	Both
369	4	68B32	Woodford	7	S	40.91055203	-89.05605903	Diamond	I-39	CO HWY 02	May-13	Both
370	4	68B32	Woodford	8	N	40.8526153	-89.03489314	Diamond	I-39	IL 116	May-13	Both
371	4	68B32	Woodford	8	S	40.85298471	-89.03711297	Diamond	I-39	IL 116	May-13	Both
372	4	68B32	Woodford	9	N	40.73668289	-89.03173135	Parclo	I-39	US 24	May-13	Both
373	4	68B32	Woodford	9		40.73637915	-89.0367405	Parclo	I-39	US 24	May-13	Both
374	4	68B32	Henry	10	N	40.62250439	-89.27438757	Diamond	I-74	IL 117	May-13	Both
375	4	68B32	Henry	10	S	40.62148963	-89.27469617	Diamond	I-74	IL 117	May-13	Both
376	4	68B32	Peoria	11	N	40.85115694	-89.92695411	Diamond	I-74	CO HWY 34	May-13	Both
377	4	68B32	Peoria	11	S	40.85032651	-89.92700355	Diamond	I-74	CO HWY 34	May-13	Both
378	4	68B32	Peoria	12	N	40.82775005	-89.86938691	Diamond	I-74	N MAHER RD	May-13	Both
379	4	68B32	Peoria	12	S	40.82775005	-89.86938691	Diamond	I-74	N MAHER RD	May-13	Both
380	4	68B32	Peoria	13	N	40.77507359	-89.75282483	Diamond	I-74	CO HWY 18	May-13	Both
381	4	68B32	Peoria	13	S	40.77507359	-89.75282483	Diamond	I-74	CO HWY 18	May-13	Both
382	4	68B32	Peoria	14	N	40.73759533	-89.63094246	Diamond	I-74	N STERLING AVE	May-13	Both
383	4	68B32	Peoria	14	S	40.73759533	-89.63094246	Diamond	I-74	N STERLING AVE	May-13	Both
384	4	68B32	Peoria	15	N	40.71900932	-89.62112182	Diamond	I-74	N GALE AVE	May-13	Both
385	4	68B32	Peoria	15	S	40.72080406	-89.62164094	Diamond	I-74	N GALE AVE	May-13	Both
386	4	68B32	Peoria	16	N	40.70724453	-89.61245702	Parclo	I-74	N UNIVERSITY ST	May-13	Both
387	4	68B32	Peoria	16	S	40.7063988	-89.61296901	Parclo	I-74	N UNIVERSITY ST	May-13	Both
388	4	68B32	Peoria	17	N	40.67377192	-89.66718936	Parclo	I-474	S AIRPORT RD	May-13	Both
389	4	68B32	Peoria	17	S	40.6712226	-89.67013723	Parclo	I-474	S AIRPORT RD	May-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
390	4	68B32	Peoria	18	N	40.65645247	-89.64370922	Parclo	I-474	US 24	May-13	Both
391	4	68B32	Peoria	18	S	40.65608574	-89.64547452	Parclo	I-474	US 24	May-13	Both
392	4	68B32	Peoria	19	N	40.79996167	-89.63265632	Parclo	IL 06	N ALLEN RD	May-13	Both
393	4	68B32	Peoria	19	S	40.80292441	-89.63138842	Parclo	IL 06	N ALLEN RD	May-13	Both
394	4	68B32	Tazewell	20	E	40.67772216	-89.5841781	Modified Parclo	I-74	W CAMP ST	May-13	Both
395	4	68B32	Tazewell	21	W	40.67019015	-89.5718792	Diamond	I-74	US 24	May-13	Both
396	4	68B32	Tazewell	21	E	40.67023526	-89.57242384	Diamond	I-74	US 24	May-13	Both
397	4	68B32	Tazewell	22	W	40.6637681	-89.5672851	Parclo	I-74	E WASHINGTON ST	May-13	Both
398	4	68B32	Tazewell	22	E	40.66275167	-89.56801647	Parclo	I-74	E WASHINGTON ST	May-13	Both
399	4	68B32	Tazewell	23	W	40.6436103	-89.53944084	Diamond	I-74	FAHEY HOLLOW RD	May-13	Both
400	4	68B32	Tazewell	23	E	40.64272091	-89.54078441	Diamond	I-74	FAHEY HOLLOW RD	May-13	Both
401	4	68B32	Tazewell	24	N	40.60559436	-89.4773687	Parclo	I-155	IL 98	May-13	Both
402	4	68B32	Tazewell	24	S	40.60424356	-89.4790441	Parclo	I-155	IL 98	May-13	Both
403	4	68B32	Tazewell	25	N	40.56822116	-89.47767929	Diamond	I-155	CR 1700 N	May-13	Both
404	4	68B32	Tazewell	25	S	40.56822116	-89.47767929	Diamond	I-155	CR 1700 N	May-13	Both
405	4	68B32	Tazewell	26	N	40.52593588	-89.47667839	Diamond	I-155	IL 09	May-13	Both
406	4	68B32	Tazewell	26	S	40.52593588	-89.47667839	Diamond	I-155	IL 09	May-13	Both
407	4	68B32	Tazewell	27	N	40.48179254	-89.47129223	Diamond	I-155	CO HWY 07	May-13	Both
408	4	68B32	Tazewell	27	S	40.48179254	-89.47129223	Diamond	I-155	CO HWY 07	May-13	Both
409	4	68B32	Tazewell	28	N	40.42656809	-89.45614158	Diamond	I-155	IL 122	May-13	Both
410	4	68B32	Tazewell	28	S	40.42789214	-89.45899456	Diamond	I-155	IL 122	May-13	Both
411	4	68B32	Tazewell	29	N	40.38101452	-89.45463522	Diamond	I-155	IL 122	May-13	Both
412	4	68B32	Tazewell	29	S	40.38101452	-89.45463522	Diamond	I-155	IL 122	May-13	Both
413	5	70A27	Champaign	1	S	40.18100629	-88.24482961	Diamond	I-57	MARKET ST	Jun-13	Both
414	5	70A27	Champaign	1	N	40.18100629	-88.24482961	Diamond	I-57	MARKET ST	Jun-13	Both
415	5	70A27	Champaign	2	S	40.15677382	-88.27171914	Diamond	I-57	OLYMPIAN DR	Jun-13	Both
416	5	70A27	Champaign	2	N	40.15677382	-88.27171914	Diamond	I-57	OLYMPIAN DR	Jun-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
417	5	70A27	Champaign	3	S	40.07002702	-88.30472174	Diamond	I-57	CURTIS RD	Jun-13	Both
418	5	70A27	Champaign	3	N	40.07002702	-88.30472174	Diamond	I-57	CURTIS RD	Jun-13	Both
419	5	70A27	Champaign	4	S	40.02576261	-88.30519842	Diamond	I-57	MONTICELLO RD	Jun-13	Both
420	5	70A27	Champaign	4	N	40.02496601	-88.30099869	Diamond	I-57	MONTICELLO RD	Jun-13	Both
421	5	70A27	Champaign	5	S	39.90532862	-88.27911488	Diamond	I-57	US 45	Jun-13	Both
422	5	70A27	Champaign	5	N	39.90532862	-88.27911488	Diamond	I-57	US 45	Jun-13	Both
423	5	70A27	Champaign	6	W	40.11982367	-88.406926	Diamond	I-72	IL 47	Jun-13	Both
424	5	70A27	Champaign	6	E	40.12059703	-88.40653856	Diamond	I-72	IL 47	Jun-13	Both
425	5	70A27	Champaign	7	W	40.19690626	-88.39755049	Diamond	I-74	IL 47	Jun-13	Both
426	5	70A27	Champaign	7	E	40.19855755	-88.39775272	Diamond	I-74	IL 48	Jun-13	Both
427	5	70A27	Champaign	8	W	40.18602527	-88.36486511	Diamond	I-74	PRAIRIEVIEW RD	Jun-13	Both
428	5	70A27	Champaign	8	E	40.18772038	-88.36380811	Diamond	I-74	PRAIRIEVIEW RD	Jun-13	Both
429	5	70A27	Champaign	9	W	40.13538383	-88.25649162	Diamond	I-74	PROSPECT AVE	Jun-13	Both
430	5	70A27	Champaign	9	E	40.13539984	-88.25734236	Diamond	I-74	PROSPECT AVE	Jun-13	Both
431	5	70A27	Champaign	10	W	40.13519138	-88.24215729	Diamond	I-74	NEIL ST	Jun-13	Both
432	5	70A27	Champaign	10	E	40.13519138	-88.24215729	Diamond	I-74	NEIL ST	Jun-13	Both
433	5	70A27	Champaign	11	W	40.13524319	-88.21960103	Diamond	I-74	LINCOLN AVE	Jun-13	Both
434	5	70A27	Champaign	11	E	40.13524319	-88.21960103	Diamond	I-74	LINCOLN AVE	Jun-13	Both
435	5	70A27	Champaign	12	W	40.134078	-88.19488925	Diamond	I-74	US 45	Jun-13	Both
436	5	70A27	Champaign	12	E	40.13403884	-88.19532921	Diamond	I-74	US 45	Jun-13	Both
437	5	70A27	Champaign	13	W	40.1211843	-88.0444033	Diamond	I-74	CR 12	Jun-13	Both
438	5	70A27	Champaign	13	E	40.11994674	-88.04367973	Diamond	I-74	CR 12	Jun-13	Both
439	5	70A27	Champaign	14	W	40.12091507	-87.958465	Diamond	I-74	CR 22	Jun-13	Both
440	5	70A27	Champaign	14	E	40.11816614	-87.95891515	Diamond	I-74	CR 22	Jun-13	Both
441	5	70A27	Champaign	15	S	40.30855926	-88.18654037	Parclo	I-57	US 136	Jun-13	Both
442	5	70A27	Champaign	15	N	40.30818531	-88.18135239	Parclo	I-57	US 136	Jun-13	Both
443	5	70A27	DeWitt	1	W	40.25160812	-88.62466634	Diamond	I-74	IL 54	Jun-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
444	5	70A27	DeWitt	1	E	40.25160812	-88.62466634	Diamond	I-74	IL 54	Jun-13	Both
445	5	70A27	Douglas	1	S	39.68068272	-88.29154857	Diamond	I-57	IL 133	Jun-13	Both
446	5	70A27	Douglas	1	N	39.68068272	-88.29154857	Diamond	I-57	IL 133	Jun-13	Both
447	5	70A27	Douglas	2	S	39.79102937	-88.26640888	Parclo	I-57	US 36	Jun-13	Both
448	5	70A27	Douglas	2	N	39.79219109	-88.26138186	Parclo	I-57	US 36	Jun-13	Both
449	5	70A27	McLean	1	S	40.64540365	-88.81006397	Diamond	I-55	PJ KELLER HWY	Jun-13	Both
450	5	70A27	McLean	1	N	40.6446851	-88.80768436	Diamond	I-55	PJ KELLER HWY	Jun-13	Both
451	5	70A27	McLean	2	S	40.57295433	-88.8999225	Diamond	I-55	TOWANDA OVERPASS	Jun-13	Both
452	5	70A27	McLean	3	S	40.40886925	-89.05532743	Diamond	I-55	CO HWY 34	Jun-13	Both
453	5	70A27	McLean	2	N	40.57102092	-88.89981729	Diamond	I-55	TOWANDA OVERPASS	Jun-13	Both
454	5	70A27	McLean	3	N	40.40758586	-89.05290957	Diamond	I-55	CO HWY 34	Jun-13	Both
455	5	70A27	McLean	4	S	40.31174899	-89.1628477	Diamond	I-55	US 136	Jun-13	Both
456	5	70A27	McLean	4	N	40.31169875	-89.161172	Diamond	I-55	US 136	Jun-13	Both
457	5	70A27	McLean	5	S	40.65046949	-89.00392574	Diamond	I-39	IL 251	Jun-13	Both
458	5	70A27	McLean	5	N	40.65046949	-89.00392574	Diamond	I-39	IL 251	Jun-13	Both
459	5	70A27	McLean	6	S	40.60623163	-88.99850592	Diamond	I-39	CO HWY 12	Jun-13	Both
460	5	70A27	McLean	6	N	40.60623163	-88.99850592	Diamond	I-39	CO HWY 12	Jun-13	Both
461	5	70A27	McLean	7	S	40.56238142	-89.00169201	Diamond	I-39	W ZIEBARTH RD	Jun-13	Both
462	5	70A27	McLean	7	N	40.56238142	-89.00169201	Diamond	I-39	W ZIEBARTH RD	Jun-13	Both
463	5	70A27	McLean	8	W	40.45951759	-88.9929088	Diamond	US 51	I-55 BUS LOOP	Jun-13	Both
464	5	70A27	McLean	8	E	40.45908105	-88.99297698	Diamond	US 51	I-55 BUS LOOP	Jun-13	Both
465	5	70A27	McLean	9	S	40.58221538	-89.14224409	Diamond	I-74	E 2050th RD	Jun-13	Both
466	5	70A27	McLean	9	N	40.58215287	-89.14089084	Diamond	I-74	E 2050th RD	Jun-13	Both
467	5	70A27	McLean	10	W	40.54119142	-89.06291867	Diamond	I-74	US 150	Jun-13	Both
468	5	70A27	McLean	10	E	40.53925161	-89.06293201	Diamond	I-74	US 150	Jun-13	Both
469	5	70A27	McLean	11	W	40.39098032	-88.87365371	Diamond	I-74	CO HWY 36	Jun-13	Both
470	5	70A27	McLean	11	E	40.38896511	-88.87649733	Diamond	I-74	CO HWY 36	Jun-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
471	5	70A27	McLean	12	W	40.33995117	-88.76295829	Diamond	I-74	CHESTNUT ST	Jun-13	Both
472	5	70A27	McLean	12	E	40.33809125	-88.76591192	Diamond	I-74	CHESTNUT ST	Jun-13	Both
473	5	70A27	McLean	13	S	40.31160892	-88.72701014	Diamond	I-74	US 136	Jun-13	Both
474	5	70A27	McLean	13	N	40.31128809	-88.72313649	Diamond	I-74	US 136	Jun-13	Both
475	5	70A27	McLean	14	S	40.7404913	-88.73979621	Parclo	I-55	US 24	Jun-13	Both
476	5	70A27	McLean	14	N	40.74145161	-88.73314935	Parclo	I-55	US 24	Jun-13	Both
477	5	70A27	McLean	15	W	40.54072181	-88.94493453	Parclo	I-55	PIPELINE RD	Jun-13	Both
478	5	70A27	McLean	16	S	40.48567439	-89.03037736	Parclo	I-55	US 150	Jun-13	Both
479	5	70A27	McLean	16	N	40.48414166	-89.0266514	Parclo	I-55	US 150	Jun-13	Both
480	5	70A27	McLean	17	W	40.43662203	-88.99038	Parclo	I-74	US 51	Jun-13	Both
481	5	70A27	McLean	17	E	40.43553197	-88.99033724	Parclo	I-74	US 51	Jun-13	Both
482	5	70A27	McLean	18	W	40.54003551	-88.99485521	Parclo	I-55	US 51	Jun-13	Both
483	5	70A27	McLean	18	E	40.53744492	-88.99495017	Parclo	I-55	US 51	Jun-13	Both
484	5	70A27	McLean	19	S	40.31225367	-88.98841582	Diamond	US 136	US 51	Jun-13	Both
485	5	70A27	McLean	19	N	40.31204683	-88.98785657	Diamond	US 136	US 51	Jun-13	Both
486	5	70A27	Piatt	1	W	40.01696902	-88.7444664	Diamond	I-72	IL 48	Jun-13	Both
487	5	70A27	Piatt	1	E	40.01531865	-88.74519812	Diamond	I-72	IL 48	Jun-13	Both
488	5	70A27	Piatt	2	W	40.03720412	-88.59701953	Diamond	I-72	W BRIDGE ST	Jun-13	Both
489	5	70A27	Piatt	2	E	40.03516868	-88.59536626	Diamond	I-72	W BRIDGE ST	Jun-13	Both
490	5	70A27	Piatt	3	W	40.05597678	-88.56560997	Parclo	I-72	IL 105	Jun-13	Both
491	5	70A27	Piatt	3	E	40.05228335	-88.56531384	Parclo	I-72	IL 105	Jun-13	Both
492	5	70A27	Piatt	4	W	40.08257817	-88.52714356	Parclo	I-72	OLD IL 47	Jun-13	Both
493	5	70A27	Piatt	4	E	40.08244453	-88.52483093	Parclo	I-72	OLD IL 47	Jun-13	Both
494	5	70A27	Piatt	5	W	40.10544281	-88.49216729	Diamond	I-72	IL 10	Jun-13	Both
495	5	70A27	Piatt	5	E	40.1050871	-88.49088275	Diamond	I-72	IL 10	Jun-13	Both
496	5	70A27	Piatt	6	W	40.22011967	-88.49918033	Diamond	I-74	CO HWY 2	Jun-13	Both
497	5	70A27	Piatt	6	E	40.21843873	-88.50050213	Diamond	I-74	CO HWY 2	Jun-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
498	5	70A27	Vermilion	1	W	40.12473695	-87.90098081	Diamond	I-74	IL 49	Jun-13	Both
499	5	70A27	Vermilion	1	E	40.12400805	-87.90053334	Diamond	I-74	IL 49	Jun-13	Both
500	5	70A27	Vermilion	2	W	40.12763737	-87.77812629	Diamond	I-74	N OAKWOOD RD	Jun-13	Both
501	5	70A27	Vermilion	2	E	40.12630091	-87.777939	Diamond	I-74	N OAKWOOD RD	Jun-13	Both
502	5	70A27	Vermilion	3	W	40.12379582	-87.70891312	Modified Parclo	I-74	US 150	Jun-13	Both
503	5	70A27	Vermilion	3	E	40.122381	-87.71302136	Modified Parclo	I-74	US 150	Jun-13	Both
504	5	70A27	Vermilion	4	W	40.10509019	-87.64915492	Diamond	I-74	G ST	Jun-13	Both
505	5	70A27	Vermilion	4	E	40.10509019	-87.64915492	Diamond	I-74	G ST	Jun-13	Both
506	5	70A27	Vermilion	5	W	40.11417028	-87.61027853	Modified Parclo	I-74	BOWMAN AVE	Jun-13	Both
507	5	70A27	Vermilion	5	E	40.11257818	-87.61114241	Modified Parclo	I-74	BOWMAN AVE	Jun-13	Both
508	5	70A27	Vermilion	6	W	40.11695592	-87.53743324	Modified Parclo	I-74	LYNCH RD	Jun-13	Both
509	5	70A27	Vermilion	6	E	40.11613959	-87.53558486	Modified Parclo	I-74	LYNCH RD	Jun-13	Both
510	5	70A27	Vermilion	7	S	40.10142993	-87.63598697	Parclo	I-74	14th ST	Jun-13	Both
511	5	70A27	Vermilion	7	N	40.10143553	-87.6343274	Parclo	I-74	14th ST	Jun-13	Both
512	6	72G09	Adams	B	S	40.08859584	-91.27157127	Diamond	IL 336	IL 61	May-13	Both
513	6	72G09	Adams	B	N	40.08794086	-91.27010511	Diamond	IL 336	IL 61	May-13	Both
514	6	72G09	Adams	C	S	40.00720061	-91.30865201	Diamond	I-172	US 24	May-13	Both
515	6	72G09	Adams	C	N	40.00697865	-91.30641973	Diamond	I-172	US 24	May-13	Both
516	6	72G09	Adams	D	S	39.95394662	-91.32190186	Diamond	I-172	COLUMBUS RD	May-13	Both
517	6	72G09	Adams	D	N	39.95394662	-91.32190186	Diamond	I-172	COLUMBUS RD	May-13	Both
518	6	72G09	Adams	E	S	39.93532975	-91.32584928	Diamond	I-172	IL 104	May-13	Both
519	6	72G09	Adams	E	N	39.93532979	-91.32584928	Diamond	I-172	IL 104	May-13	Both
520	6	72G09	Adams	F	S	39.88109319	-91.32915303	Diamond	I-172	IL 96	May-13	Both
521	6	72G09	Adams	F	N	39.88109319	-91.32915303	Diamond	I-172	IL 96	May-13	Both
522	6	72G09	Adams	G	S	39.78816672	-91.3081065	Parclo	I-172	IL 57	May-13	Both
523	6	72G09	Adams	G	N	39.78816672	-91.3081065	Parclo	I-172	IL 57	May-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
524	6	72G09	Pike	H	E	39.72679213	-91.33696021	Diamond	I-172	IL 106	May-13	Both
525	6	72G09	Pike	H	W	39.72679213	-91.33696021	Diamond	I-172	IL 106	May-13	Both
526	6	72G09	Pike	I	E	39.71863648	-91.1946493	Diamond	I-172	IL 96	May-13	Both
527	6	72G09	Pike	I	W	39.71863648	-91.1946493	Diamond	I-172	IL 96	May-13	Both
528	6	72G09	Pike	J	E	39.70447313	-91.038692	Diamond	I-172	TR 1700 E	May-13	Both
529	6	72G09	Pike	J	W	39.70447313	-91.038692	Diamond	I-172	TR 1700 E	May-13	Both
530	6	72G09	Pike	K	E	39.67123525	-90.83809955	Diamond	I-172	CO HWY 2	May-13	Both
531	6	72G09	Pike	K	W	39.67123525	-90.83809955	Diamond	I-172	CO HWY 2	May-13	Both
532	6	72G09	Pike	L	E	39.67367193	-90.76946688	Diamond	I-172	US 54	May-13	Both
533	6	72G09	Pike	L	W	39.67367193	-90.76946688	Diamond	I-172	US 54	May-13	Both
534	6	72G09	Hancock	A	S	40.41274437	-91.11351503	Diamond	IL 336	US 136	May-13	Both
535	6	72G09	Hancock	A	N	40.41274437	-91.11351503	Diamond	IL 336	US 136	May-13	Both
536	6	72G09	Scott	M	E	39.68454578	-90.56948095	Diamond	I-72	IL 100	May-13	Both
537	6	72G09	Scott	M	W	39.68454578	-90.56948095	Diamond	I-72	IL 100	May-13	Both
538	6	72G09	Scott	N	E	39.68113064	-90.45660199	Diamond	I-72	OLD IL 36	May-13	Both
539	6	72G09	Scott	N	W	39.68200104	-90.45599826	Diamond	I-72	OLD IL 36	May-13	Both
540	6	72G09	Morgan	O	S	39.7195247	-90.29530495	Diamond	US 67	OLD IL 36	May-13	Both
541	6	72G09	Morgan	O	N	39.7195247	-90.29530495	Diamond	US 67	OLD IL 36	May-13	Both
542	6	72G09	Morgan	P	E	39.68685667	-90.22812699	Diamond	I-72	US 67	May-13	Both
543	6	72G09	Morgan	P	W	39.68685667	-90.22812699	Diamond	I-72	US 67	May-13	Both
544	6	72G09	Morgan	Q	S	39.72241224	-90.16799212	Diamond	I-72	OLD IL 36	May-13	Both
545	6	72G09	Morgan	Q	N	39.72241224	-90.16799212	Diamond	I-72	OLD IL 36	May-13	Both
546	6	72G09	Morgan	R	E	39.73643309	-90.04153851	Diamond	I-72	CO HWY 123	May-13	Both
547	6	72G09	Morgan	R	W	39.73643309	-90.04153851	Diamond	I-72	CO HWY 123	May-13	Both
548	6	72G10	Logan	A	S	40.01945498	-89.49494592	Diamond	I-55	ELKHART ST	May-13	Both
549	6	72G10	Logan	A	N	40.01945498	-89.49494592	Diamond	I-55	ELKHART ST	May-13	Both
550	6	72G10	Logan	B	S	40.07388216	-89.44264113	Diamond	I-55	CO HWY 22	May-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
551	6	72G10	Logan	B	N	40.07388216	-89.44264113	Diamond	I-55	CO HWY 22	May-13	Both
552	6	72G10	Logan	CC	S	40.11299993	-89.41806202	Modified Diamond	I-55	S LINCOLN PKWY	May-13	Both
553	6	72G10	Logan	CC	N	40.11299993	-89.41806202	Modified Diamond	I-55	S LINCOLN PKWY	May-13	Both
554	6	72G10	Logan	C	S	40.16111405	-89.41755008	Parclo	I-55	IL 10	May-13	Both
555	6	72G10	Logan	C	N	40.16111405	-89.41755008	Parclo	I-55	IL 10	May-13	Both
556	6	72G10	Logan	D	S	40.18671164	-89.31674712	Parclo	I-55	N LINCOLN PKWY	May-13	Both
557	6	72G10	Logan	D	N	40.18455498	-89.3183646	Parclo	I-55	N LINCOLN PKWY	May-13	Both
558	6	72G10	Logan	E	S	40.2592015	-89.21982245	Diamond	I-55	CO HWY 6	May-13	Both
559	6	72G10	Logan	E	N	40.2592015	-89.21982245	Diamond	I-55	CO HWY 6	May-13	Both
560	6	72G10	Logan	F	S	40.24933102	-89.46091641	Diamond	I-55	2300th ST	May-13	Both
561	6	72G10	Logan	F	N	40.24933102	-89.46091641	Diamond	I-55	2301st ST	May-13	Both
562	6	72G10	Logan	G	S	40.30818893	-89.45287968	Diamond	I-55	US 136	May-13	Both
563	6	72G10	Logan	G	N	40.30818893	-89.45287968	Diamond	I-55	US 136	May-13	Both
564	6	72G10	Sangamon	H	S	39.95910781	-89.55416361	Diamond	I-55	IL 123	May-13	Both
565	6	72G10	Sangamon	H	N	39.95910781	-89.55416361	Diamond	I-55	IL 123	May-13	Both
566	6	72G10	Sangamon	I	S	39.90351125	-89.59410089	Parclo	I-55	S SHERMAN BLVD	May-13	Both
567	6	72G10	Sangamon	I	N	39.90594581	-89.59289679	Parclo	I-55	S SHERMAN BLVD	May-13	Both
568	6	72G10	Sangamon	J	S	39.75896689	-89.60606714	Parclo	I-55	STEVENSON DR	May-13	Both
569	6	72G10	Sangamon	J	N	39.75899526	-89.60391518	Parclo	I-55	STEVENSON DR	May-13	Both
570	6	72G10	Sangamon	K	S	39.71462887	-89.64450636	Diamond	I-55	TORONTO RD	May-13	Both
571	6	72G10	Sangamon	K	N	39.71385037	-89.6428798	Diamond	I-55	TORONTO RD	May-13	Both
572	6	72G10	Sangamon	L	S	39.68654258	-89.64377104	Modified Parclo	I-55	E LAKE SHORE DR	May-13	Both
573	6	72G10	Sangamon	L	N	39.68658514	-89.64172083	Modified Parclo	I-55	E LAKE SHORE DR	May-13	Both
574	6	72G10	Sangamon	M	S	39.61602336	-89.6474868	Diamond	I-55	OLD ROUTE 66	May-13	Both
575	6	72G10	Sangamon	M	N	39.61602336	-89.6474868	Diamond	I-55	OLD ROUTE 66	May-13	Both
576	6	72G10	Sangamon	N	S	39.59099831	-89.64620238	Parclo	I-55	IL 104	May-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
577	6	72G10	Sangamon	N	N	39.59099831	-89.64620238	Parclo	I-55	IL 104	May-13	Both
578	6	72G10	Sangamon	O	S	39.56773291	-89.64571638	Diamond	I-55	E DIVERNON RD	May-13	Both
579	6	72G10	Sangamon	O	N	39.56773291	-89.64571638	Diamond	I-55	E DIVERNON RD	May-13	Both
580	6	72G10	Sangamon	P	E	39.74002251	-89.9230354	Diamond	I-72	CO HWY 10	May-13	Both
581	6	72G10	Sangamon	P	W	39.74002251	-89.9230354	Diamond	I-72	CO HWY 10	May-13	Both
582	6	72G10	Sangamon	Q	E	39.73983089	-89.70600769	Modified Parclo	I-72	IL 4	May-13	Both
583	6	72G10	Sangamon	Q	W	39.74440848	-89.70490225	Modified Parclo	I-72	IL 4	May-13	Both
584	6	72G10	Sangamon	R	E	39.74041758	-89.67187705	Diamond	I-72	S MACARTHUR BLVD	May-13	Both
585	6	72G10	Sangamon	R	W	39.74041758	-89.67187705	Diamond	I-72	S MACARTHUR BLVD	May-13	Both
586	6	72G10	Sangamon	S	E	39.80542652	-89.57835937	Diamond	I-72	OLD ROUTE 36	May-13	Both
587	6	72G10	Sangamon	S	W	39.80736842	-89.5781647	Diamond	I-72	OLD ROUTE 36	May-13	Both
588	6	72G10	Sangamon	T	E	39.83756516	-89.52018939	Diamond	I-72	OVERPASS RD	May-13	Both
589	6	72G10	Sangamon	T	W	39.83756516	-89.52018939	Diamond	I-72	OVERPASS RD	May-13	Both
590	6	72G10	Sangamon	U	E	39.83800254	-89.4056801	Diamond	I-72	BUFFALO RD	May-13	Both
591	6	72G10	Sangamon	U	W	39.83865277	-89.40520582	Diamond	I-72	BUFFALO RD	May-13	Both
592	6	72G10	Sangamon	V	E	39.83567042	-89.25474057	Diamond	I-72	CO HWY 33	May-13	Both
593	6	72G10	Sangamon	V	W	39.83729068	-89.25386456	Diamond	I-72	CO HWY 34	May-13	Both
594	6	72G10	Montgomery	W	S	39.44570099	-89.64401867	Parclo	I-55	MINE ST	May-13	Both
595	6	72G10	Montgomery	W	N	39.44598617	-89.64322209	Parclo	I-55	MINE ST	May-13	Both
596	6	72G10	Montgomery	X	S	39.32287382	-89.64243102	Diamond	I-55	N 22nd AVE	May-13	Both
597	6	72G10	Montgomery	X	N	39.32287382	-89.64243102	Diamond	I-55	N 22nd AVE	May-13	Both
598	6	72G10	Montgomery	Y	S	39.27820373	-89.64129554	Diamond	I-55	N 19th AVE	May-13	Both
599	6	72G10	Montgomery	Y	N	39.27820373	-89.64129554	Diamond	I-55	N 19th AVE	May-13	Both
600	6	72G10	Montgomery	Z	S	39.17623098	-89.68150128	Modified Parclo	I-55	IL 16	May-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
601	6	72G10	Montgomery	Z	N	39.17539584	-89.6782546	Modified Parclo	I-55	IL 16	May-13	Both
602	6	72G10	Macoupin	AA	S	39.07206727	-89.75617995	Diamond	I-55	IL 138	May-13	Both
603	6	72G10	Macoupin	AA	N	39.07206727	-89.75617995	Diamond	I-55	IL 138	May-13	Both
604	6	72G10	Macoupin	BB	S	39.02173639	-89.74933324	Diamond	I-55	STAUNTON RD	May-13	Both
605	6	72G10	Macoupin	BB	N	39.02173639	-89.74933324	Diamond	I-55	STAUNTON RD	May-13	Both
606	8	76G34	Bond	1	E	38.83111988	-89.54525386	Diamond	I-70	POKEY RD	Jun-13	Both
607	8	76G34	Bond	1	W	38.83111988	-89.54525386	Diamond	I-70	POKEY RD	Jun-13	Both
608	8	76G34	Bond	2	E	38.85339491	-89.45114293	Parclo	I-70	MILLERSBURG RD	Jun-13	Both
609	8	76G34	Bond	2	W	38.85339491	-89.45114293	Parclo	I-70	MILLERSBURG RD	Jun-13	Both
610	8	76G34	Bond	3	E	38.87089188	-89.38397716	Parclo	I-70	IL 127	Jun-13	Both
611	8	76G34	Bond	3	W	38.87089188	-89.38397716	Parclo	I-70	IL 127	Jun-13	Both
612	8	76G34	Bond	4	E	38.91480268	-89.26879722	Diamond	I-70	MULBERRY GROVE RD	Jun-13	Both
613	8	76G34	Bond	4	W	38.91480268	-89.26879722	Diamond	I-70	MULBERRY GROVE RD	Jun-13	Both
614	8	76G34	Clinton	5	E	38.62183761	-89.52619702	Diamond	US 50	CO HWY 11	Jun-13	Both
615	8	76G34	Clinton	5	W	38.62183761	-89.52619702	Diamond	US 50	CO HWY 11	Jun-13	Both
616	8	76G34	Clinton	6	E	38.61268311	-89.6868077	Diamond	US 50	IL 160	Jun-13	Both
617	8	76G34	Clinton	6	W	38.61268311	-89.6868077	Diamond	US 50	IL 160	Jun-13	Both
618	8	76G34	Clinton	7	E	38.50035637	-89.61143542	Diamond	I-64	CO HWY 8	Jun-13	Both
619	8	76G34	Clinton	7	W	38.50035637	-89.61143542	Diamond	I-64	CO HWY 8	Jun-13	Both
620	8	76G34	Marion	8	N	38.75825291	-88.89329767	Diamond	I-57	CO HWY 8	Jun-13	Both
621	8	76G34	Marion	8	S	38.75825291	-88.89329767	Diamond	I-57	CO HWY 8	Jun-13	Both
622	8	76G34	Marion	9	N	38.62461204	-88.97110672	Parclo	I-57	IL 50	Jun-13	Both
623	8	76G34	Marion	9	S	38.62461204	-88.97110672	Parclo	I-57	IL 50	Jun-13	Both
624	8	76G34	Marion	10	N	38.5209074	-88.95983714	Diamond	I-57	IL 161	Jun-13	Both
625	8	76G34	Marion	10	S	38.5209074	-88.95983714	Diamond	I-57	IL 161	Jun-13	Both
626	8	76G34	Madison	11	N	38.96747079	-89.75403464	Diamond	I-55	IL 161	Jun-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
627	8	76G34	Madison	11	S	38.96747079	-89.75403464	Diamond	I-55	IL 161	Jun-13	Both
628	8	76G34	Madison	12	N	38.93095064	-89.80004682	Diamond	I-55	IL 4	Jun-13	Both
629	8	76G34	Madison	12	S	38.93095228	-89.80004682	Diamond	I-55	IL 4	Jun-13	Both
630	8	76G34	Madison	13	N	38.88842106	-89.8373799	Diamond	I-55	STATE ST	Jun-13	Both
631	8	76G34	Madison	13	S	38.88842106	-89.8373799	Diamond	I-55	STATE ST	Jun-13	Both
632	8	76G34	Madison	14	N	38.79568819	-89.89459763	Diamond	I-55	IL 143	Jun-13	Both
633	8	76G34	Madison	14	S	38.79569207	-89.89608223	Diamond	I-55	IL 143	Jun-13	Both
634	8	76G34	Madison	15	N	38.67907618	-90.01244147	Parclo	I-55	IL 157	Jun-13	Both
635	8	76G34	Madison	15	S	38.6824009	-90.01173026	Parclo	I-55	IL 157	Jun-13	Both
636	8	76G34	Madison	16	E	38.66321838	-90.0934483	Diamond	I-55	IL 111	Jun-13	Both
637	8	76G34	Madison	16	W	38.66321838	-90.0934483	Diamond	I-55	IL 111	Jun-13	Both
638	8	76G34	Madison	17	E	38.94788462	-90.14161421	Diamond	IL 255	SEMINARY RD	Jun-13	Both
639	8	76G34	Madison	17	W	38.94788462	-90.14161421	Diamond	IL 255	SEMINARY RD	Jun-13	Both
640	8	76G34	Madison	18	E	38.93258948	-90.09744758	Diamond	IL 255	CR 5	Jun-13	Both
641	8	76G34	Madison	18	W	38.93258948	-90.09744758	Diamond	IL 255	CR 5	Jun-13	Both
642	8	76G34	Madison	19	N	38.87080887	-90.06042637	Diamond	IL 255	S BELLWOOD DR	Jun-13	Both
643	8	76G34	Madison	19	S	38.87080887	-90.06042637	Diamond	IL 255	S BELLWOOD DR	Jun-13	Both
644	8	76G34	Madison	20	N	38.85008456	-90.05075449	Diamond	IL 255	EDWARDSVILLE RD	Jun-13	Both
645	8	76G34	Madison	20	S	38.85008456	-90.05075449	Diamond	IL 255	EDWARDSVILLE RD	Jun-13	Both
646	8	76G34	Madison	21	N	38.83216432	-90.04270005	Parclo	IL 255	MADISON AVE	Jun-13	Both
647	8	76G34	Madison	21	S	38.83223217	-90.04347524	Parclo	IL 255	MADISON AVE	Jun-13	Both
648	8	76G34	Madison	22	N	38.79904802	-90.04447742	Parclo	IL 255	NEW POAG RD	Jun-13	Both
649	8	76G34	Madison	22	S	38.79904802	-90.04447742	Parclo	IL 255	NEW POAG RD	Jun-13	Both
650	8	76G34	Madison	23	N	38.77741743	-90.04376128	Diamond	IL 255	GATEWAY COMMERCE CTR DR	Jun-13	Both
651	8	76G34	Madison	23	S	38.77741743	-90.04376128	Diamond	IL 255	GATEWAY COMMERCE CTR DR	Jun-13	Both
652	8	76G34	Madison	24	N	38.73166801	-90.03764793	Parclo	IL 255	IL 162	Jun-13	Both
653	8	76G34	Madison	24	S	38.73166801	-90.03764793	Parclo	IL 255	IL 162	Jun-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
654	8	76G34	Madison	25	N	38.69119525	-90.03075297	Parclo	IL 255	HORSESHOE LAKE RD	Jun-13	Both
655	8	76G34	Madison	25	S	38.69119525	-90.03075297	Parclo	IL 255	HORSESHOE LAKE RD	Jun-13	Both
656	8	76G34	Madison	26	E	38.75603051	-90.00694242	Diamond	I-270	IL 157	Jun-13	Both
657	8	76G34	Madison	26	W	38.75603051	-90.00694242	Diamond	I-270	IL 157	Jun-13	Both
658	8	76G34	Madison	27	E	38.75577821	-89.95618027	Diamond	I-270	IL 159	Jun-13	Both
659	8	76G34	Madison	27	W	38.75577821	-89.95618027	Diamond	I-270	IL 159	Jun-13	Both
660	8	76G34	Madison	28	E	38.76215794	-89.80095078	Diamond	I-70	IL 4	Jun-13	Both
661	8	76G34	Madison	28	W	38.76215794	-89.80095078	Diamond	I-70	IL 4	Jun-13	Both
662	8	76G34	Madison	29	E	38.77670182	-89.74283851	Diamond	I-70	IL 143	Jun-13	Both
663	8	76G34	Madison	29	W	38.77670182	-89.74283851	Diamond	I-70	IL 143	Jun-13	Both
664	8	76G34	Madison	30	E	38.78581366	-89.63040819	Diamond	I-70	US 40	Jun-13	Both
665	8	76G34	Madison	30	W	38.78581366	-89.63040819	Diamond	I-70	US 40	Jun-13	Both
666	8	76G34	Madison	31	N	38.7324808	-89.91215312	Diamond	I-55	IL 162	Jun-13	Both
667	8	76G34	Madison	31	S	38.7324808	-89.91215312	SPUI	I-55	IL 162	Jun-13	Both
668	8	76G34	Madison	32	N	38.90205227	-90.06492373	SPUI	IL 111	IL 255	Jun-13	Both
669	8	76G34	Madison	32	S	38.90205227	-90.06492373	SPUI	IL 111	IL 255	Jun-13	Both
670	8	76G34	Madison	33	E	38.76494134	-90.12439229	Modified Diamond	I-270	IL 3	Jun-13	Both
671	8	76G34	Madison	33	W	38.76815226	-90.12212034	Modified Diamond	I-270	IL 3	Jun-13	Both
672	8	76G34	Madison	34	N	38.65907844	-90.03175341	Modified Diamond	I-255	COLLINSVILLE RD	Jun-13	Both
673	8	76G34	Madison	34	S	38.65907844	-90.03175341	Modified Diamond	I-255	COLLINSVILLE RD	Jun-13	Both
674	8	76G34	St. Clair	35	E	38.62061282	-90.09267064	Parclo	I-64	N KINGSHIGHWAY	Jun-13	Both
675	8	76G34	St. Clair	35	W	38.62061282	-90.09267064	Parclo	I-64	N KINGSHIGHWAY	Jun-13	Both
676	8	76G34	St. Clair	36	E	38.61446895	-90.04700336	Parclo	I-64	IL 157	Jun-13	Both
677	8	76G34	St. Clair	35	W	38.61446895	-90.04700336	Parclo	I-64	IL 157	Jun-13	Both
678	8	76G34	St. Clair	37	E	38.59853534	-89.98397916	Parclo	I-64	RT 159	Jun-13	Both
679	8	76G34	St. Clair	37	W	38.59853534	-89.98397916	Parclo	I-64	RT 159	Jun-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
680	8	76G34	St. Clair	38	E	38.59192653	-89.9432598	Diamond	I-64	W US 50	Jun-13	Both
681	8	76G34	St. Clair	38	W	38.59192653	-89.9432598	Diamond	I-64	W US 50	Jun-13	Both
682	8	76G34	St. Clair	39	E	38.57587351	-89.92810453	Diamond	I-64	N GREEN MT RD	Jun-13	Both
683	8	76G34	St. Clair	39	W	38.57587351	-89.92810453	Diamond	I-64	N GREEN MT RD	Jun-13	Both
684	8	76G34	St. Clair	40	E	38.55121583	-89.80604222	Diamond	I-64	IL 4	Jun-13	Both
685	8	76G34	St. Clair	40	W	38.55121583	-89.80604222	Diamond	I-64	IL 4	Jun-13	Both
686	8	76G34	St. Clair	41	E	38.53558679	-89.72972945	Diamond	I-64	IL 161	Jun-13	Both
687	8	76G34	St. Clair	41	W	38.53558679	-89.72972945	Diamond	I-64	IL 161	Jun-13	Both
688	8	76G34	St. Clair	42	N	38.6037486	-90.08431461	Parclo	I-255	STATE ST	Jun-13	Both
689	8	76G34	St. Clair	42	S	38.6037486	-90.08431461	Parclo	I-255	STATE ST	Jun-13	Both
690	8	76G34	St. Clair	43	N	38.5653363	-90.12945994	Diamond	I-255	MOUSETTE LN	Jun-13	Both
691	8	76G34	St. Clair	43	S	38.5653363	-90.12945994	Diamond	I-255	MOUSETTE LN	Jun-13	Both
692	8	76G34	St. Clair	44	E	38.62101231	-90.12453674	Modified Diamond	I-64	N 25th ST	Jun-13	Both
693	8	76G34	St. Clair	44	W	38.622392	-90.12377158	Modified Diamond	I-64	N 25th ST	Jun-13	Both
694	8	76G34	St. Clair	45	N	38.64363586	-90.1278374	Modified Diamond	I-55	IL 203	Jun-13	Both
695	8	76G34	St. Clair	45	S	38.65271401	-90.1323591	Modified Diamond	I-55	IL 203	Jun-13	Both
696	8	76G34	St. Clair	46	N	38.55103589	-90.16055264	Modified Diamond	I-255	IL 157	Jun-13	Both
697	8	76G34	St. Clair	46	S	38.55138574	-90.16031747	Modified Diamond	I-255	IL 157	Jun-13	Both
698	8	76G34	St. Clair	47	N	38.50604096	-90.20443826	Modified Diamond	US 50	S MAIN ST	Jun-13	Both
699	8	76G34	St. Clair	47	S	38.51001197	-90.2048789	Modified Diamond	US 50	S MAIN ST	Jun-13	Both
700	8	76G34	Washington	48	E	38.44000554	-89.52840815	Diamond	I-64	IL 177	Jun-13	Both
701	8	76G34	Washington	48	W	38.44000554	-89.52840815	Diamond	I-64	IL 177	Jun-13	Both
702	8	76G34	Washington	49	E	38.39288887	-89.36970652	Diamond	I-64	IL 127	Jun-13	Both
703	8	76G34	Washington	49	W	38.39288887	-89.36970652	Diamond	I-64	IL 127	Jun-13	Both
704	8	76G34	Washington	50	E	38.38964118	-89.17138797	Diamond	I-64	IL 51	Jun-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
705	8	76G34	Washington	50	W	38.39041622	-89.16881639	Diamond	I-64	IL 51	Jun-13	Both
706	7	74614	Wayne	1	E	38.26771818	-88.54431742	Diamond	I-64	IL 242	Jun-13	Both
707	7	74614	Wayne	1	W	38.26771818	-88.54431742	Diamond	I-64	IL 242	Jun-13	Both
708	7	74614	Wayne	2	E	38.26621101	-88.3474589	Diamond	I-64	US 45	Jun-13	Both
709	7	74614	Wayne	2	W	38.26621101	-88.3474589	Diamond	I-64	US 45	Jun-13	Both
710	7	74614	Lawrence	3	E	38.7232199	-87.6322308	Diamond	US 50	1500 E	Jun-13	Both
711	7	74614	Lawrence	3	W	38.7232199	-87.6322308	Diamond	US 50	1500 E	Jun-13	Both
712	7	74614	Lawrence	4	E	38.71038966	-87.55512868	Diamond	US 50	IL 33	Jun-13	Both
713	7	74614	Lawrence	4	W	38.71356464	-87.55609441	Diamond	US 50	IL 33	Jun-13	Both
714	7	74614	Fayette	5	N	38.83902045	-88.78524449	Diamond	I-57	IL 185	Jun-13	Both
715	7	74614	Fayette	5	S	38.83902045	-88.78524449	Diamond	I-57	IL 185	Jun-13	Both
716	7	74614	Fayette	10	E	38.968801	-89.13319661	Diamond	I-70	US 40	Jun-13	Signage
717	7	74614	Fayette	10	W	38.968801	-89.13319661	Diamond	I-70	US 40	Jun-13	Signage
718	7	74614	Fayette	11	E	38.97820536	-89.09521877	Diamond	I-70	US 51	Jun-13	Both
719	7	74614	Fayette	11	W	38.97820536	-89.09521877	Diamond	I-70	US 51	Jun-13	Both
720	7	74614	Fayette	12	E	38.97425569	-89.00315364	Diamond	I-70	US 40	Jun-13	Both
721	7	74614	Fayette	12	W	38.97425569	-89.00315364	Diamond	I-70	US 40	Jun-13	Both
722	7	74614	Fayette	13	E	39.01087425	-88.85676004	Diamond	I-70	CR 7	Jun-13	Both
723	7	74614	Fayette	13	W	39.01087425	-88.85676004	Diamond	I-70	CR 7	Jun-13	Both
724	7	74614	Effingham	6	N	38.93287058	-88.66274889	Diamond	I-70	750th ST	Jun-13	Both
725	7	74614	Effingham	6	S	38.93289875	-88.66278075	Diamond	I-70	750th ST	Jun-13	Both
726	7	74614	Effingham	14	E	39.04412574	-88.74787153	Parclo	I-70	IL128	Jun-13	Both
727	7	74614	Effingham	14	W	39.04494743	-88.7475739	Parclo	I-70	IL128	Jun-13	Both
728	7	74614	Effingham	15	N	39.11985745	-88.56815938	Diamond	I-70	W FAYETTE AVE	Jun-13	Signage
729	7	74614	Effingham	15	S	39.12008471	-88.56803891	Diamond	I-70	W FAYETTE AVE	Jun-13	Signage
730	7	74614	Effingham	16	N	39.13329195	-88.56332298	Modified Parclo	I-70	N KELLER DR	Jun-13	Signage
731	7	74614	Effingham	16	S	39.13616214	-88.56249859	Modified Parclo	I-70	N KELLER DR	Jun-13	Signage

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
732	7	74614	Effingham	17	N	39.14421037	-88.53426045	Parclo	I-70	US 45	Jun-13	Signage
733	7	74614	Effingham	17	S	39.14562002	-88.53267629	Parclo	I-70	US 45	Jun-13	Signage
734	7	74614	Effingham	18	E	39.16869473	-88.37883123	Diamond	I-70	SPRING CREEK RD	Jun-13	Signage
735	7	74614	Effingham	18	W	39.16869473	-88.37883123	Diamond	I-70	SPRING CREEK RD	Jun-13	Signage
736	7	74614	Cumberland	7	N	39.33089608	-88.43356772	Diamond	I-57	US 45	Jun-13	Both
737	7	74614	Cumberland	7	S	39.33089608	-88.43356772	Diamond	I-57	US 45	Jun-13	Both
738	7	74614	Cumberland	19	E	39.25421723	-88.15357843	Diamond	I-70	IL 130	Jun-13	Both
739	7	74614	Cumberland	19	W	39.25421723	-88.15357843	Diamond	I-70	IL 130	Jun-13	Both
740	7	74614	Coles	8	N	39.42539419	-88.37818014	Diamond	I-57	US 45	Jun-13	Both
741	7	74614	Coles	8	S	39.42625818	-88.37759403	Diamond	I-57	US 45	Jun-13	Both
742	7	74614	Coles	9	N	39.52115984	-88.31325149	Diamond	I-57	1000 N	Jun-13	Both
743	7	74614	Coles	9	S	39.52115984	-88.31325149	Diamond	I-57	1000 N	Jun-13	Both
744	7	74614	Clark	20	E	39.31986773	-87.98341629	Diamond	I-70	IL 49	Jun-13	Both
745	7	74614	Clark	20	W	39.31986773	-87.98341629	Diamond	I-70	IL 49	Jun-13	Both
746	7	74614	Clark	21	E	39.35902156	-87.88098867	Diamond	I-70	N 700th ST	Jun-13	Both
747	7	74614	Clark	21	W	39.35902156	-87.88098867	Diamond	I-70	N 700th ST	Jun-13	Both
748	7	74614	Clark	22	E	39.42105031	-87.69336496	Diamond	I-70	IL 1	Jun-13	Signage
749	7	74614	Clark	22	W	39.42105031	-87.69336496	Diamond	I-70	IL 1	Jun-13	Signage
750	7	74614	Clark	23	E	39.42819547	-87.5599625	Diamond	I-70	US 40	Jun-13	Signage
751	7	74614	Clark	23	W	39.42819547	-87.5599625	Diamond	I-70	US 40	Jun-13	Signage
752	7	74614	Macon	24	N	39.78503458	-88.97735397	Parclo	US 51	OLD IL 51	Jun-13	Signage
753	7	74614	Macon	24	S	39.78417113	-88.97788061	Parclo	US 51	OLD IL 51	Jun-13	Signage
754	7	74614	Macon	25	N	39.79903515	-89.00555179	Parclo	US 51	IL 48	Jun-13	Signage
755	7	74614	Macon	25	S	39.79903515	-89.00555179	Parclo	US 51	IL 48	Jun-13	Signage
756	7	74614	Macon	26	E	39.83402757	-89.15584269	Diamond	I-72	NIANTIC RD	Jun-13	Both
757	7	74614	Macon	26	W	39.83402757	-89.15584269	Diamond	I-72	NIANTIC RD	Jun-13	Both
758	7	74614	Macon	27	E	39.89519284	-89.00433707	Parclo	I-72	IL 21	Jun-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
759	7	74614	Macon	27	W	39.89537875	-89.00696791	Parclo	I-72	IL 21	Jun-13	Both
760	7	74614	Macon	28	E	39.91102351	-88.89416126	Parclo	I-72	IL 48	Jun-13	Both
761	7	74614	Macon	28	W	39.91102351	-88.89416126	Parclo	I-72	IL 48	Jun-13	Both
762	7	74614	Macon	29	E	39.95504781	-88.8224899	Diamond	I-72	CO HWY 25	Jun-13	Signage
763	7	74614	Macon	29	W	39.95504781	-88.8224899	Diamond	I-72	CO HWY 25	Jun-13	Signage
764	9	78362	Franklin	1	N	38.07994314	-88.91559639	Diamond	I-57	IL 154	Jun-13	Both
765	9	78362	Franklin	1	S	38.0807822	-88.91614061	Diamond	I-57	IL 154	Jun-13	Both
766	9	78362	Franklin	2	N	37.9964631	-88.9344101	Diamond	I-57	IL 14	Jun-13	Both
767	9	78362	Franklin	2	S	37.9964631	-88.9344101	Diamond	I-57	IL 14	Jun-13	Both
768	9	78362	Franklin	3	N	37.89750393	-88.94558123	Diamond	I-57	IL 149	Jun-13	Both
769	9	78362	Franklin	3	S	37.89750393	-88.94558123	Diamond	I-57	IL 149	Jun-13	Both
770	9	78362	Jefferson	4	N	38.31286389	-88.95144477	Diamond	I-57	IL 15	Jun-13	Both
771	9	78362	Jefferson	4	S	38.31286389	-88.95144477	Diamond	I-57	IL 15	Jun-13	Both
772	9	78362	Jefferson	5	N	38.29932173	-88.94495225	Diamond	I-57	IL 142	Jun-13	Both
773	9	78362	Jefferson	5	S	38.30015859	-88.94775446	Diamond	I-57	IL 142	Jun-13	Both
774	9	78362	Jefferson	6	N	38.15467449	-88.91332717	Diamond	I-57	CR 200 N	Jun-13	Both
775	9	78362	Jefferson	6	S	38.15467449	-88.91332717	Diamond	I-57	CR 200 N	Jun-13	Both
776	9	78362	Jefferson	7	E	38.36158509	-89.03475763	Diamond	I-64	N BIRCH LN	Jun-13	Both
777	9	78362	Jefferson	7	W	38.36158509	-89.03475763	Diamond	I-64	N BIRCH LN	Jun-13	Both
778	9	78362	Jefferson	8	N	38.43837328	-88.95191618	Parclo	I-57	CO HWY 39	Jun-13	Both
779	9	78362	Jefferson	8	S	38.43837328	-88.95191618	Parclo	I-57	CO HWY 39	Jun-13	Both
780	9	78362	Jefferson	9	E	38.27340928	-88.90022249	Parclo	I-64	IL 37	Jun-13	Both
781	9	78362	Jefferson	9	W	38.2749121	-88.90125928	Parclo	I-64	IL 37	Jun-13	Both
782	9	78362	Johnson	10	N	37.55594312	-89.03173805	Diamond	I-57	CO HWY 13	Jun-13	Both
783	9	78362	Johnson	10	S	37.55594312	-89.03173805	Diamond	I-57	CO HWY 13	Jun-13	Both
784	9	78362	Johnson	11	N	37.53336037	-88.92208883	Diamond	I-24	CO HWY 12	Jun-13	Both
785	9	78362	Johnson	11	S	37.53336037	-88.92208883	Diamond	I-24	CO HWY 12	Jun-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
786	9	78362	Johnson	12	N	37.44648807	-88.88604322	Diamond	I-24	US 45	Jun-13	Both
787	9	78362	Johnson	12	S	37.44648807	-88.88604322	Diamond	I-24	US 45	Jun-13	Both
788	9	78362	Johnson	13	N	37.41479718	-88.87035511	Diamond	I-24	IL 146	Jun-13	Both
789	9	78362	Johnson	13	S	37.41479718	-88.87035511	Diamond	I-24	IL 146	Jun-13	Both
790	9	78362	Massac	14	N	37.30040762	-88.75252201	Diamond	I-24	CO HWY 10	Jun-13	Both
791	9	78362	Massac	14	S	37.30040762	-88.75252201	Diamond	I-24	CO HWY 10	Jun-13	Both
792	9	78362	Massac	15	N	37.16167773	-88.68230158	Diamond	I-24	US 45	Jun-13	Both
793	9	78362	Massac	15	S	37.16167773	-88.68230158	Diamond	I-24	US 45	Jun-13	Both
794	9	78362	Pulaski	16	N	37.27098316	-89.15774514	Diamond	I-57	CR 7	Jun-13	Both
795	9	78362	Pulaski	16	S	37.27098316	-89.15774514	Diamond	I-58	CR 7	Jun-13	Both
796	9	78362	Pulaski	17	N	37.12980848	-89.17989337	Diamond	I-57	CR 8	Jun-13	Both
797	9	78362	Pulaski	17	S	37.12980848	-89.17989337	Diamond	I-57	CR 8	Jun-13	Both
798	9	78362	Union	18	N	37.52303012	-89.08007775	Diamond	I-57	LICK CREEK RD	Jun-13	Both
799	9	78362	Union	18	S	37.52303012	-89.08007775	Diamond	I-57	LICK CREEK RD	Jun-13	Both
800	9	78362	Union	19	N	37.44794856	-89.14373158	Diamond	I-57	IL 146	Jun-13	Both
801	9	78362	Union	19	S	37.44794856	-89.14373158	Diamond	I-57	IL 147	Jun-13	Both
802	9	78362	Union	20	N	37.3691146	-89.15529071	Diamond	I-57	CO HWY 14	Jun-13	Both
803	9	78362	Union	20	S	37.36914281	-89.1557346	Diamond	I-57	CO HWY 14	Jun-13	Both
804	9	78362	Union	21		37.38285276	-89.160051	At-Grade Intersection	OLD US 51	OLD US 51	Jun-13	Both
805	9	78362	White	22	E	38.25169891	-88.22928754	Diamond	I-64	CR 20	Jun-13	Both
806	9	78362	White	22	W	38.25060673	-88.23068697	Diamond	I-64	CR 20	Jun-13	Both
807	9	78362	White	23	E	38.23376083	-88.00307057	Parclo	I-64	IL 1	Jun-13	Both
808	9	78362	White	23	W	38.23439773	-88.00222132	Parclo	I-64	IL 1	Jun-13	Both
809	9	78362	Williamson	24	N	37.81631318	-88.94629984	Diamond	I-57	CR 2	Jun-13	Both
810	9	78362	Williamson	24	S	37.81631318	-88.94629984	Diamond	I-57	CR 2	Jun-13	Both
811	9	78362	Williamson	25	N	37.73023643	-88.95708405	Parclo	I-57	OLD STATE ROUTE 13	Jun-13	Both

No.	Dist.	Contract No.	County	Loc. No.	Direction	Lat.	Long.	Interchange Type	Major Road	Minor Road	Letting Date	Change Type
812	9	78362	Williamson	25	S	37.73022452	-88.96003917	Parclo	I-57	OLD STATE ROUTE 13	Jun-13	Both
813	9	78362	Williamson	26	N	37.62124944	-88.98770282	Parclo	I-57	N REFUGE RD	Jun-13	Both
814	9	78362	Williamson	26	S	37.62156513	-88.98784326	Parclo	I-57	N REFUGE RD	Jun-13	Both
815	9	78362	Alexander	27	N	37.04309364	-89.2010102	Parclo	I-57	IL 3	Jun-13	Both
816	9	78362	Alexander	27	S	37.04309364	-89.2010102	Parclo	I-57	IL 3	Jun-13	Both

APPENDIX E: TECHNICAL MEMO ON METHODS TO EVALUATE WWD COUNTERMEASURES

This memorandum documents the proposed methods and the required data to evaluate the safety effectiveness of recently implemented WWD countermeasures at treated locations in Illinois. The effects of implemented countermeasures can be evaluated using the following three different methods based on availability of before-and-after crash data.

Method 1: Evaluating the trend of total WWD fatal crashes in the entire state based on FARS database. Our preliminary investigation using FARS database shows a reduction in the number of fatal crashes after improvement in Illinois (within years 2012 and 2013), as illustrated in Figure 1.

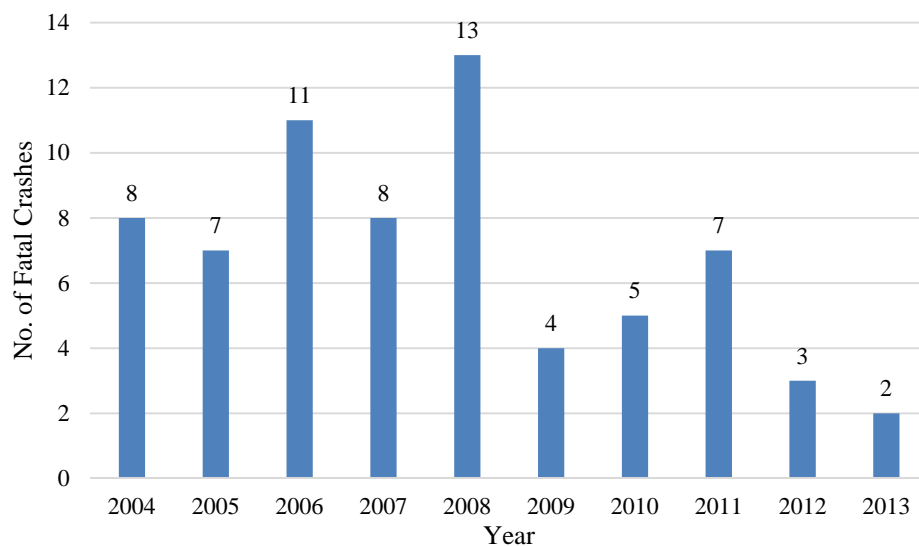


Figure 1. No. of Fatal WWD Crashes per Year during 2004-2013 in Illinois

Method 2: Comparing the number of WWD crashes at the top ten locations with crash data collected at those same locations from 2012 to 2013. Improvements were implemented immediately after the Phase I project. The advantage of Method 2 is that there is a longer observation period. This method shows the aforementioned locations had a higher number of WWD crashes which may cause bias on the evaluation results. The top ten locations where WWD crash data are closely monitored for data collection are listed in Table 1:

Table 1. Top Ten Locations with the Highest Wrong-Way Entry Points in Illinois (2004–2009)

Rank	County	Major Route	Minor Route	Latitude	Longitude	Interchange Type
1	Cook	I-55	S Damen Ave	41°50'13.89"N	87°40'31.60"W	SPDI
2	Cook	I-94	87th St	41°44'9.52"N	87°37'29.50"W	Compressed Diamond
3	Cook	I-94	W Peterson Ave	41°59'24.79"N	87°45'1.36"W	Cloverleaf
4	Cook	US-41	W Belmont Ave	41°56'25.90"N	87°38'17.10"W	Compressed Diamond
5	Cook	I-94	W Foster Ave	41°58'31.93"N	87°44'45.24"W	Half Parclo
6	St. Clair	I-64	IL-157	38°36'50.80"N	90°2'45.89"W	Parclo
7	St. Clair	I-55/64/70	IL-3	38°37'58.74"N	90°8'42.63"W	Directional
8	Cook	I-90	35th St	41°49'51.52"N	87°37'50.10"W	Half Diamond
9	Cook	I-57	S Halsted St	41°42'53.41"N	87°38'35.08"W	Compressed Diamond
10	Madison	I-55/70	IL-111	38°39'46.20"N	90° 5'33.93"W	Diamond

Method 3: Comparing the number of WWD crashes at all improved locations. Most of those locations were improved as part of the statewide WWD improvement program in 2013 and 2014. Currently, WWD crash data are only available for 2013. The disadvantage for this method is that there is only one year of available crash data. Further effort is needed to continue monitoring the WWD activities at those locations.

Another possible source of data would be the ISP calls of WWD incidents. If such data are available for both before and after improvement periods (namely after 2009), it can also be considered in analysis.

The required crash data for each method are listed below.

1. Method 1: FARS online database
2. Method 2: IDOT crash database from 2012 to 2013
3. Method 3: IDOT crash database for 2013

Action Items and Timelines:

1. 2/11/2015-2/17/15, TRP chair sends this memo to TRP members for their approval.
2. 2/17/15 – 3/31/15, Research team collects crash data for evaluation.
3. 4/1/15-5/30/15, Data analysis.
4. 6/1/15-7/15/15, Draft report on evaluation results.
5. 7/16/15-9/30/15, TRP review and ICT final report editing.

