

IL ROUTE 60/83



Community Advisory Group
Meeting No. 3

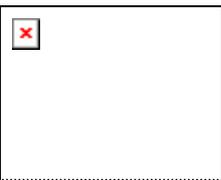
August 11, 2009



Illinois Department of Transportation

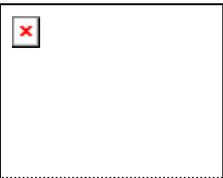
Outline Agenda

- Introduction to Participants
- Recap of Community Advisory Group Meeting No. 2—
July 28, 2009
- Drainage
- Traffic Safety
- Traffic Operations
- Identify Specific Issues for Segment No. 2



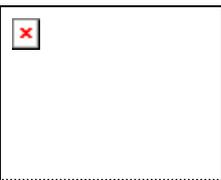
Who Are We?

Introductions



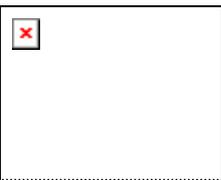
Community Advisory Group Meeting No. 2

- The July 28, 2009 meeting was attended by 10 people representing:
 - Residents
 - Area Church
 - Fire Protection District
 - Police Department
 - School District
 - Agencies; County and Village



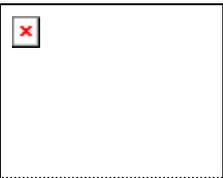
Summary of Stakeholder Concerns/Issues

- Drainage/Flooding
- Sub-Standard Roadway Geometry
- Property Acquisition
- Traffic Operational Issues
- Wildlife/Environment
- Alternate Modes of Transportation



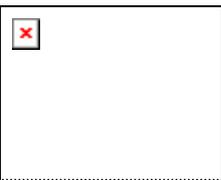
Segment No. 2

South of Midlothian Road
to the Intersection of
IL Route 60 (Town Line Road)
and IL Route 83



Midlothian Road to IL Route 60 (Town Line Road) and IL Route 83

- Identified Outlets
 - See photo handouts
 - Other Outlets
- 1 Major Crossing
 - Diamond Lake Crossing



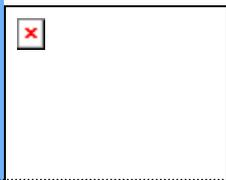
IL 60/83 Major Crossing



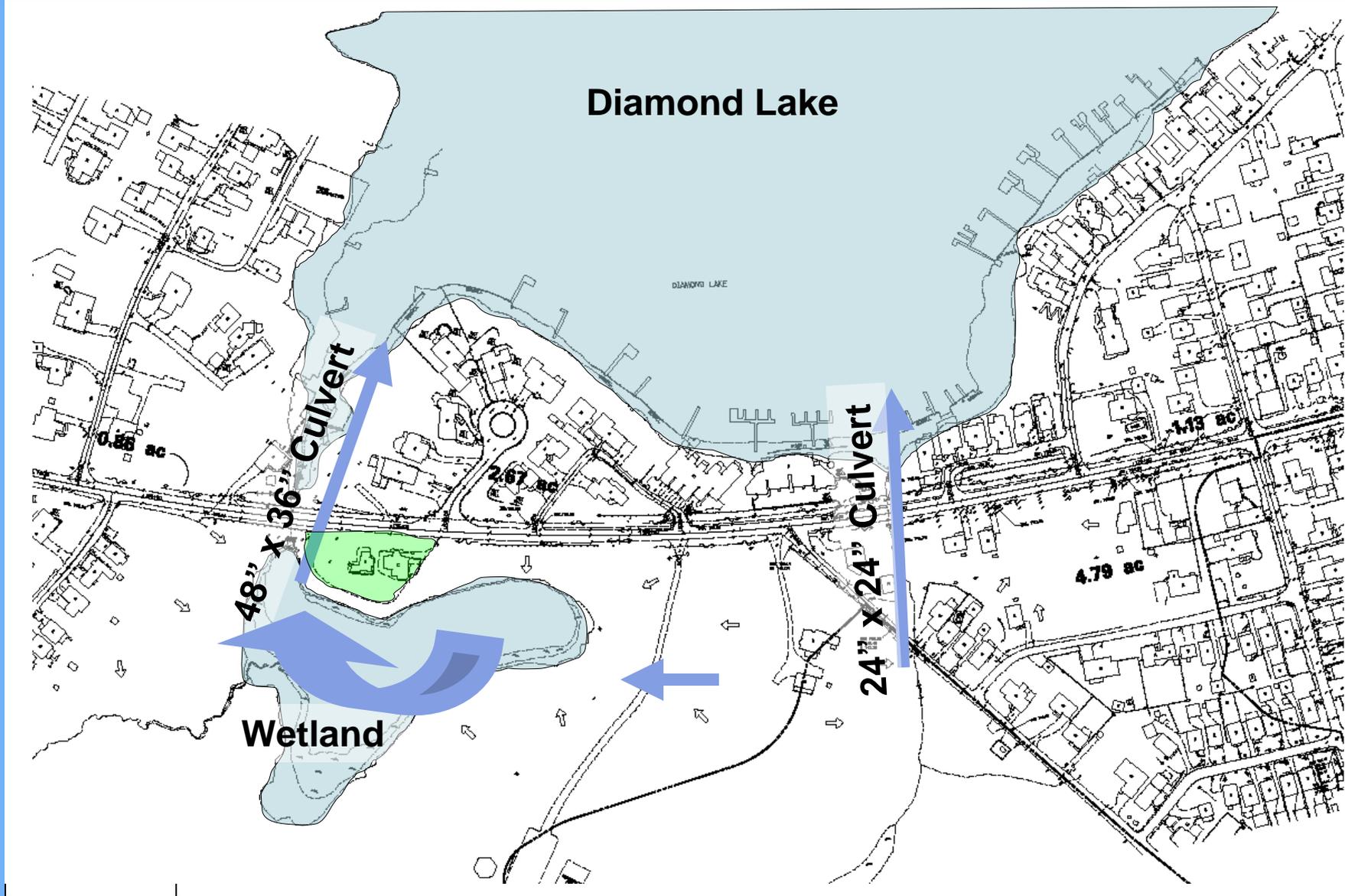
48" x 36" Headwall and
Culvert West of IL 60/83



Inside of Culvert



IL 60/83 Drainage Study

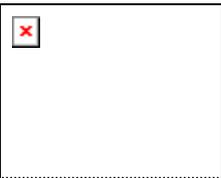


Drainage Concerns

– One Identified

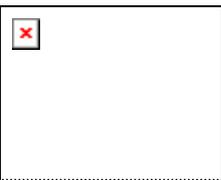
- Front yard flooding from RR crossing to Lakeview Avenue

– Other Concerns?



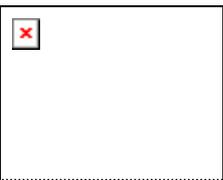
Overall Corridor Crash Summary

- 3-year analysis period from 2004 to 2006
- Study area from IL 176 to IL 60 (Town Line Road)
- 12 study zones, segments/intersections (7 South)
 - Segment between Midlothian Rd and Walnut Avenue
 - Walnut Avenue Intersection
 - Oak Avenue Intersection
 - Hickory Avenue Intersection
 - Maple Avenue Intersection
 - Diamond Lake Road Intersection
 - IL 60 (Town Line Rd) / IL 83 / Willow Springs Rd Intersection
- No five percent crash locations



Overall Corridor Crash Statistics (South)

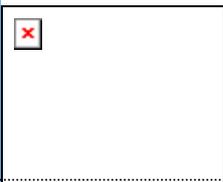
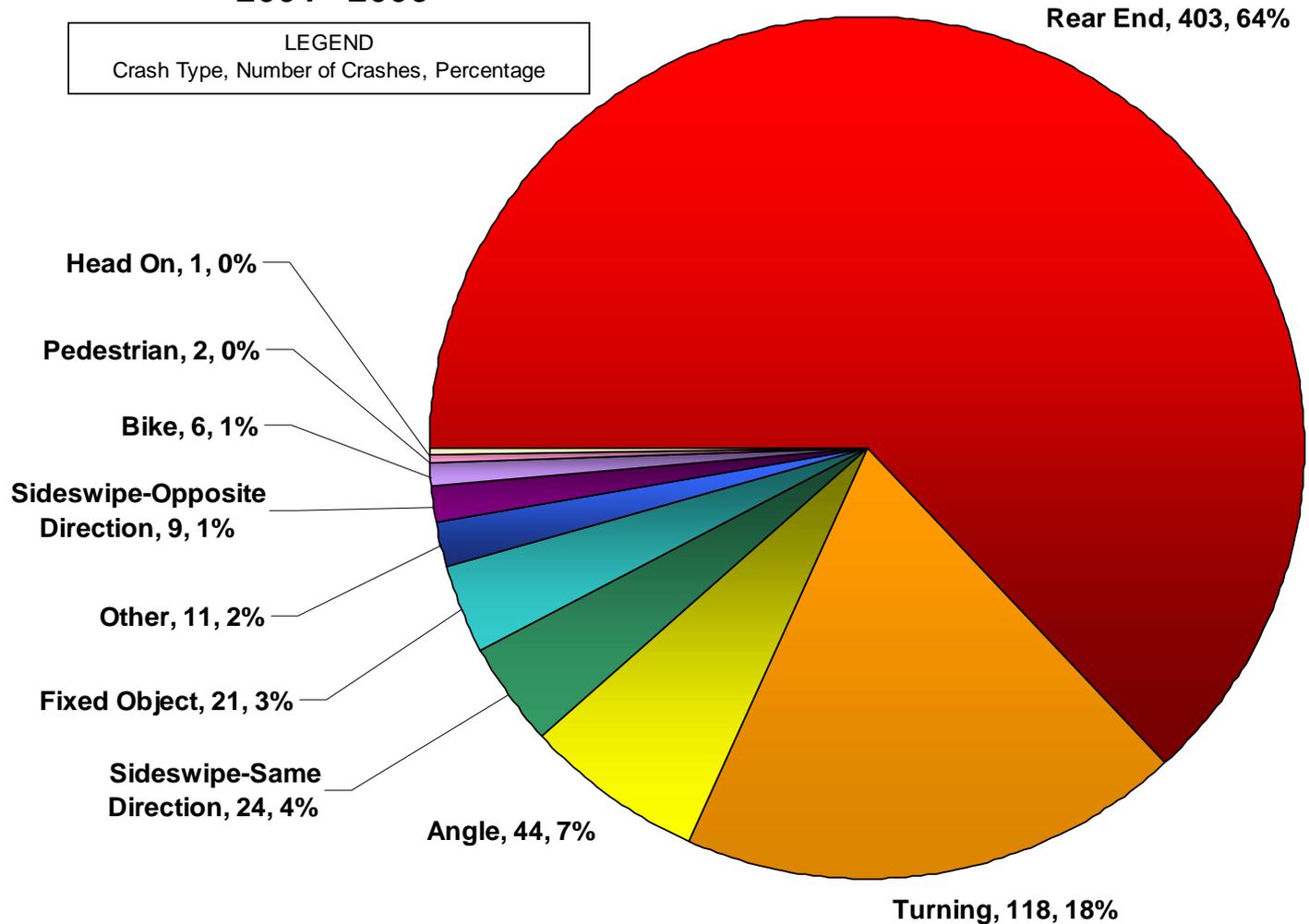
- 375 of 639 total crashes in south section
- No fatality crashes
- 139 (22%) crashes occurred with injuries
- 9 of 12 incapacitating type in south section
- 27% of crashes weather related (rain, ice, snow)
- 23% of crashes occurred during nighttime hours
- No crashes at railroad crossing



IL 60/83 Traffic Safety

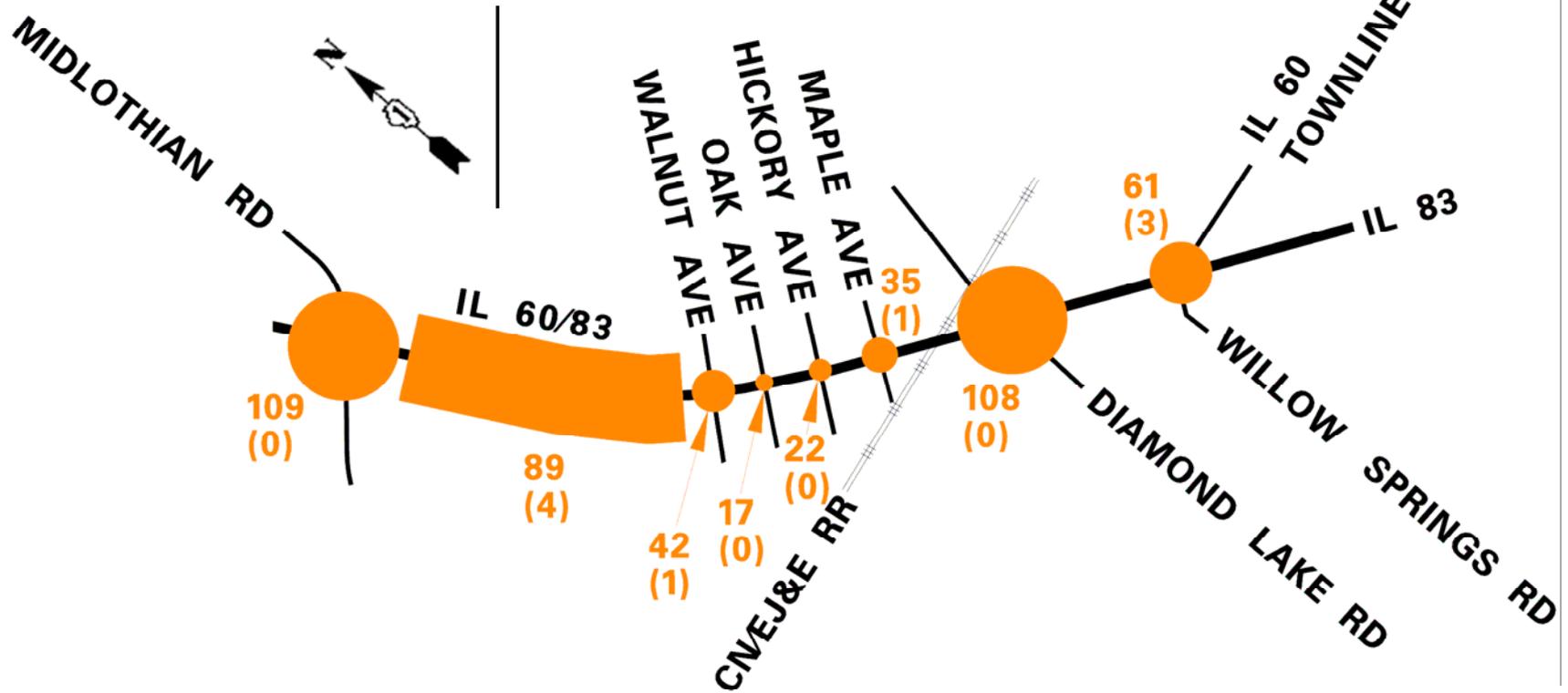
IL 60/83 TOTAL CRASHES BY TYPE 2004 - 2006

LEGEND
Crash Type, Number of Crashes, Percentage



IL 60/83 Traffic Safety

- Total Crashes by Location (South)



100 - NUMBER OF CRASHES AT INTERSECTION OR WITHIN SEGMENT

(10) - NUMBER OF INCAPACITATING INJURY CRASHES AT INTERSECTION OR WITHIN SEGMENT



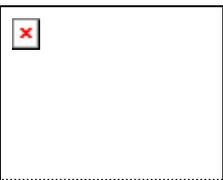
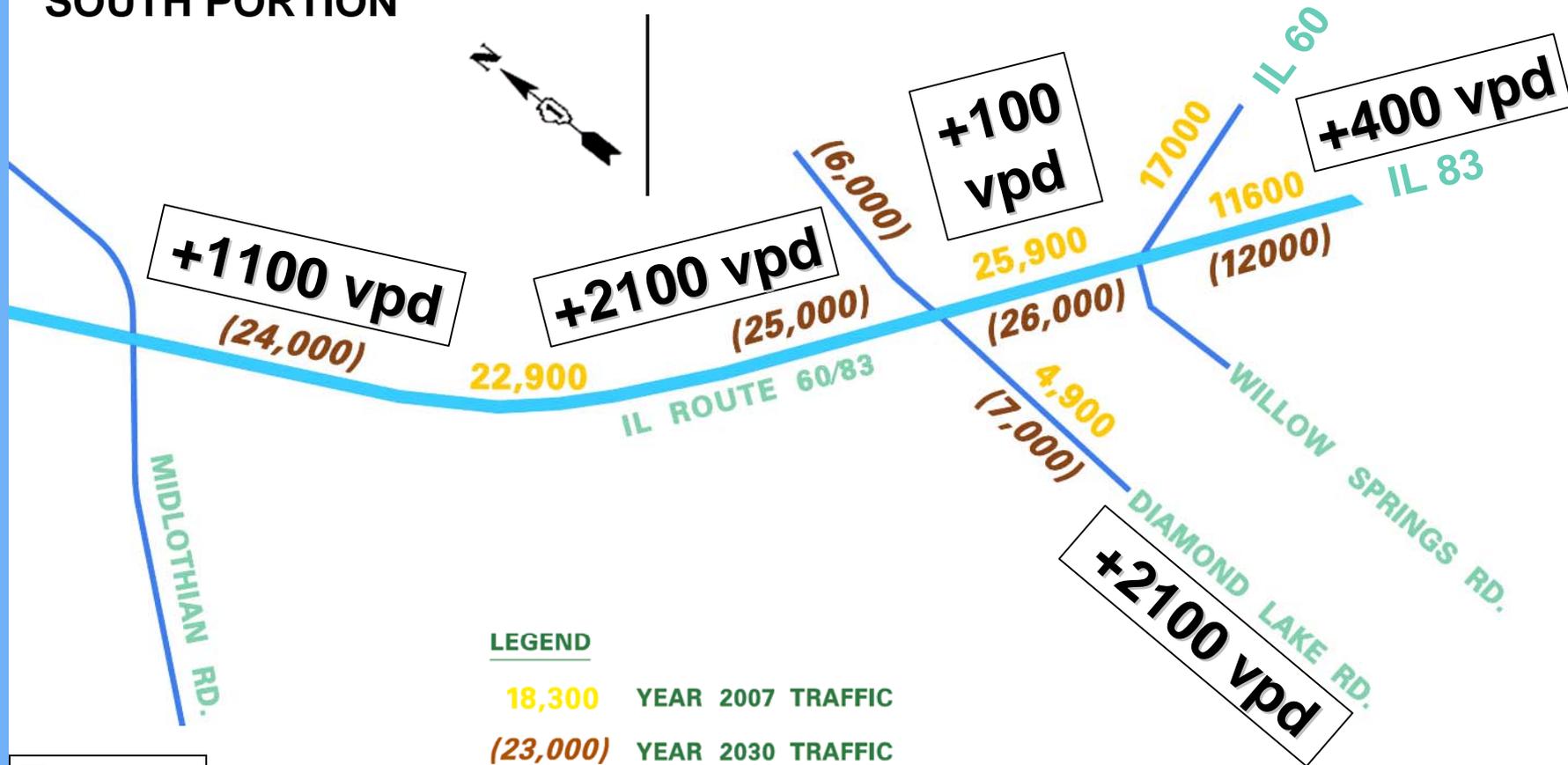
- **Conclusions**

- Predominantly rear end, turning & angle collisions
- Most crashes during daytime hours
- More crashes observed at locations where the roadway does not have adequate capacity
- Rear end crashes in locations without turn lanes
- Primary countermeasures include:
 - Increasing roadway and intersection capacities
 - Providing larger turning radii
 - Improving sight distance
 - Increasing storage lengths
 - Providing left and right turn lanes where warranted



IL 60/83 Existing/Projected Traffic

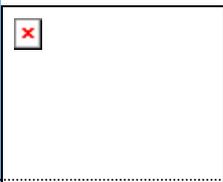
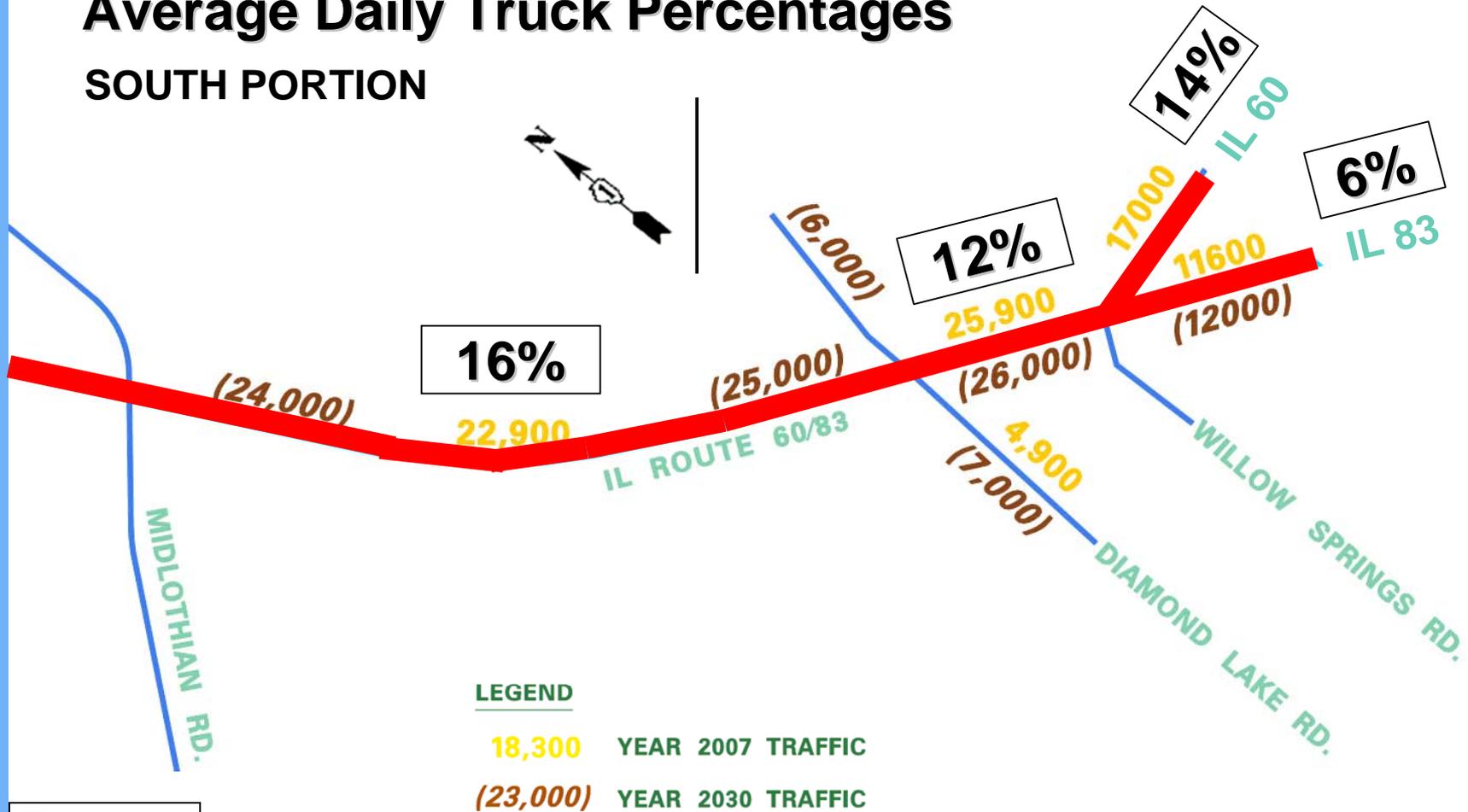
Estimated Average Daily Traffic Growth SOUTH PORTION



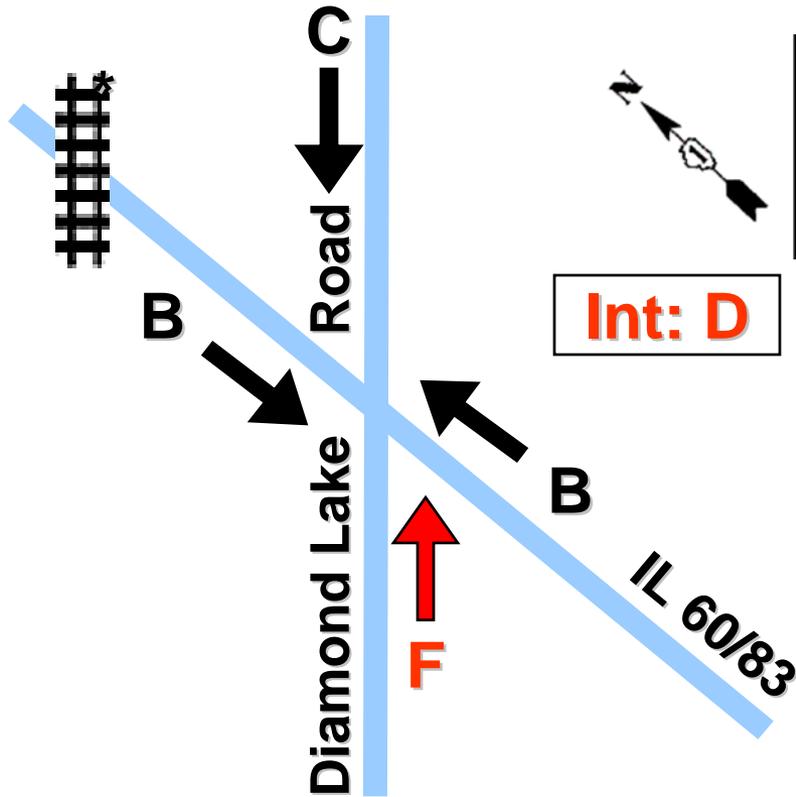
IL 60/83 Existing Truck Traffic

Average Daily Truck Percentages

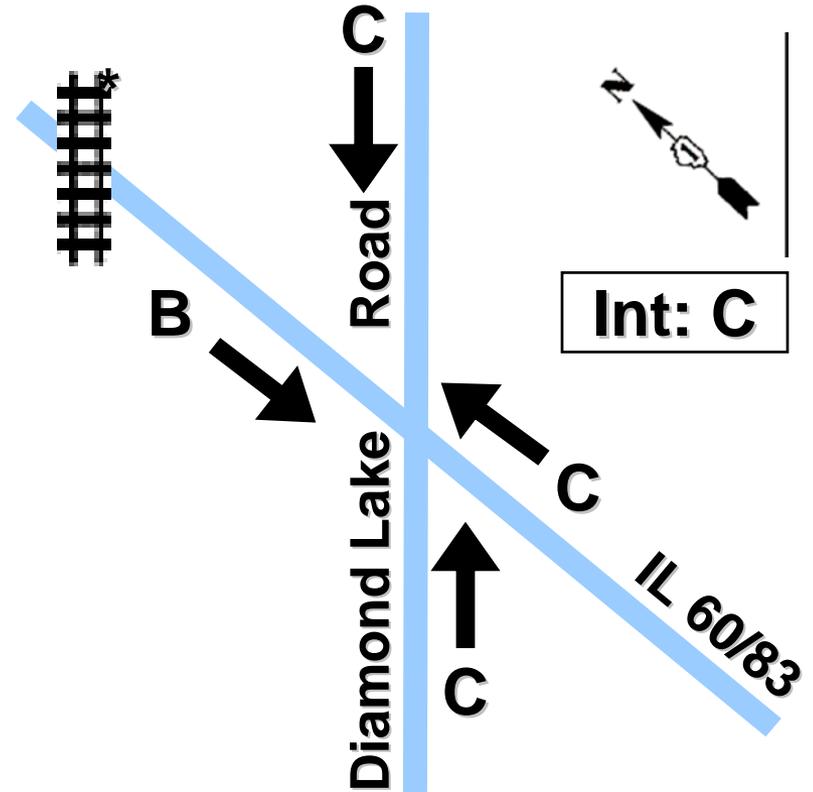
SOUTH PORTION



IL 60/83 & Diamond Lake Rd Traffic Operations



**AM Peak Hour
Existing Configuration
With Projected 2030 Traffic**

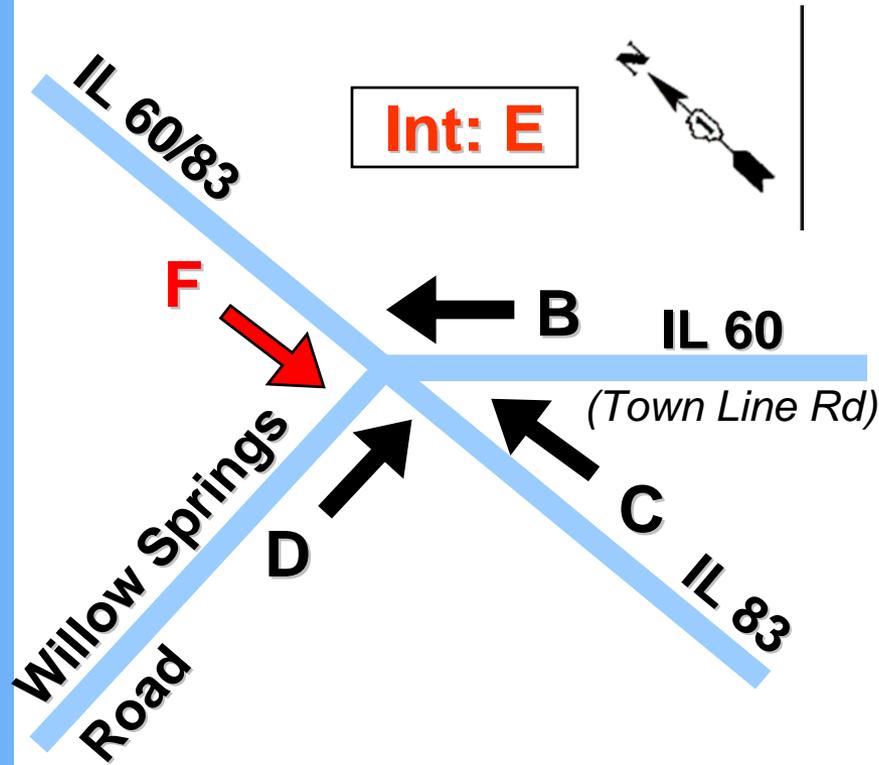


**PM Peak Hour
Existing Configuration
With Projected 2030 Traffic**

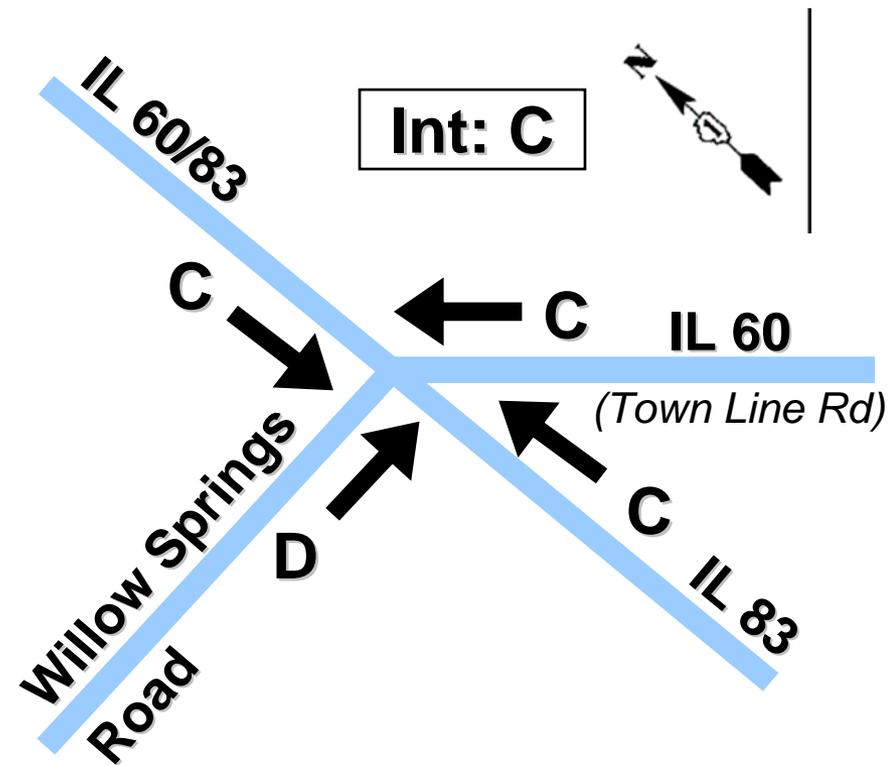
*Operations when RR crossing is NOT occupied



IL 60/83/Willow Springs Road Traffic Operations



AM Peak Hour
Existing Configuration
With Projected 2030 Traffic



PM Peak Hour
Existing Configuration
With Projected 2030 Traffic

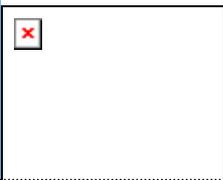


Note: Operations when RR crossing is NOT occupied



Traffic Simulation

- Existing Configuration with 2030 Projected Volumes
- South Portion of Study Area
- IL 60/83 and Diamond Lake Road
- IL 60/83 and Willow Springs Road
- Railroad Crossing



Group Exercise

- Identify Specific Issues/Concerns for Segment No. 2
- Discuss Features for Alternate Evaluation
 - Median Types
 - Multimode Accommodations
 - Other Considerations

