

## River Hills EDD and RPC

**Indiana Department of  
Transportation  
2001-2002  
Small Urban and Rural  
Transportation Planning  
Program**

## Program Overview

- This is the second year for the Small Urban and Rural Transportation Program through INDOT
- Main Focus for 2001-2002 – Traffic Counts for Harrison, Scott and Washington Counties
- Program designed to provide rural communities with traffic, demographic, and community data to assist in transportation-related planning efforts
- River Hills EDD received grant to implement traffic count program and provide community data

## Traffic Counting Program

- River Hills instituted our first traffic counting program this year
- Measured (10) ten traffic count sites in each community
- Sites were identified through consultation with local officials
- Sites requirements precluded locating counters on State or Federal Highways, but could be located at main intersections
- 48 hour counts conducted for weekday and weekend counts using Nu-Metric NC 97 Counters
- Data presented in summary and appendix reports

## Harrison County Traffic Count Sites

- Crandall-Lanesville Road and SR 62
- New Middletown- Elizabeth Road (Two Locations)
- W. Whiskey Run Road (Two Locations)
- Watson Road and SR135
- Quarry Road (Two Locations)
- North Gethsemane Road and SR 62
- Old Goshen Road and SR 11

## **Scott County Traffic Count Sites**

- Boatman Road and State Road 56
- North Terry Road and State Road 256
- Getty Road and State Road 203
- Lover's Lane and Main Street
- Double or Nothing Road and State Road 356
- Blocher Road and State Road 203
- Bloomington Trail and State Road 56
- Coffee Pot Road and Slabb Road
- Slabb Road and Cutshall Road
- South Lake and West Lake Road

## **Washington County Traffic Count Sites**

- Beck's Mill and State Road 135
- Delaney Park Road and State Road 135
- Rooster Hill Road and State Road 135
- Hardinsburg-Livonia Road and State Road 150
- W. Washington School Road and State Road 60
- W. Washington School Road and State Road 150
- Shorts Corner and State Road 60
- Eastern School Road and Blue River Road
- New Philadelphia and Township Line
- Voyles Road and State Road 60

## Traffic Counter Installation and Safety Measures



## Traffic Count Methodology

- All weekday counts started on Tuesday noon and ended Thursday noon
- All weekend counts started on Friday 4 pm and ended Sunday 4 pm
- Counters were placed as close to intersection as safety would allow
- Counters were programmed to measure free flowing traffic
- Counters were placed to obtain data from both lanes of traffic
- Speed limits for all counts were identified at 30 mph
- Directional traffic locations were designated as North, South, East and West
- Vehicle length classifications followed the United States Department of Transportation guidelines for magnetic traffic counting devices
- Time intervals for all traffic counts were set at 15 minutes

## Highlights of Harrison County Traffic Count Sites

- **Sites with highest AADT**  
Quarry Road and State Road 135 - 5,129  
  
Crandall-Lanesville Road and State Road 62 -3,220
- **Sites with highest average rate of speed**  
  
Crandall Lanesville Road – 43/48 mph  
  
New Middletown-Elizabeth Road (Elizabeth Site)– 48/45 mph
- **Site with greatest classification diversity**  
  
1. New Middletown-Elizabeth Road (New Middletown Site)  
  
45% passenger vehicle/ 53% single unit truck

## Highlights of Scott County Traffic Count Sites

- **Sites with highest AADT**  
  
Coffee Pot Road and Slabb Road - 1,928
- **Sites with highest average rate of speed**  
  
Boatman Road and State Road 56 – 42/40 mph  
  
Lover's Lane and Main Street - 45 / 42 mph
- **Site with greatest classification diversity**  
  
None – all sites were in 60-70% passenger Vehicle to 30-40% single unit truck

## Highlights of Washington County Traffic Count Sites

- **Sites with highest AADT**

Shorts Corner and State Road 60 - 1,873

- **Sites with highest average rate of speed**

Hardinsburg-Livonia Road and State Road 150 – 45/45 mph

New Philadelphia and Township Line Road - 40/45 mph

- **Site with greatest classification diversity**

None – all sites were in 60-70% passenger Vehicle to 30-40% single unit truck

## Report Data

- Demographic Data
- Population
- Population Projections
- Vehicle Occupancy
- Time Traveled to Work
- Housing Permits
- Land and Land Uses

## Recommendations

- Short-term
- Continue traffic counting program
- Assist with the development of traffic counting system
- Long-term
- Development of planning models designed to provide information to local officials