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