

# 2014 - 2015 Strategic Initiatives

TECHNOLOGY

CAPITAL INVESTMENTS

# TECHNOLOGY/CAPITAL

## On Base HR Technology – Phase One – Approximate cost \$15,000

- Requesting Board approval on September 9, 2014
- Initiate purchase and integration immediately upon approval
- Personnel files will be transitioned from individual departments to single HR resource
  - Available through assigned permissions
  - Additional records for integration are training, personnel evaluations and medical record

## Police and Fire Communications - \$685,000

- Approved and acquired through lease with Motorola Company
- Radios are being tested to ensure programming desires are met.
- Arrival and integration are expected prior to the end of 2014.

# TECHNOLOGY/CAPITAL

- ▣ Fire Department Inspections Hardware and Software - \$ unknown
  - Evaluations and demonstrations of software are ongoing
  - Pricing is still being negotiated based on depth of serviceability
- ▣ On Body Cameras - \$23,000 to \$51,000
  - Investigating use of on-body cameras since 2012
  - Variety of vendors, services and costs associated with product and digital storage
  - Depending upon use, volume and storage software, the costs vary greatly
  - Evaluations of demonstrator models have begun and new systems are sought. Recent police actions in the US have created a national calling for on-body camera use.
- Current users of on-body camera systems report significant reductions of citizen related complaints, as well as the increased use of incident related video evidence from crime scenes
- The purchase, depending upon the technology, could allow for shared use and allow for a stepped purchase process

# TECHNOLOGY/CAPITAL

## ▣ Cardiac Heart Monitors - \$432,000

- Current monitors (14) in service are reaching an age and condition that require the replacement in the most recent “Capital” plan for the Fire Department
  - The need is relatively self-evident
- The monitors are used in a large number of EMS related responses in Colerain and Springfield Townships.

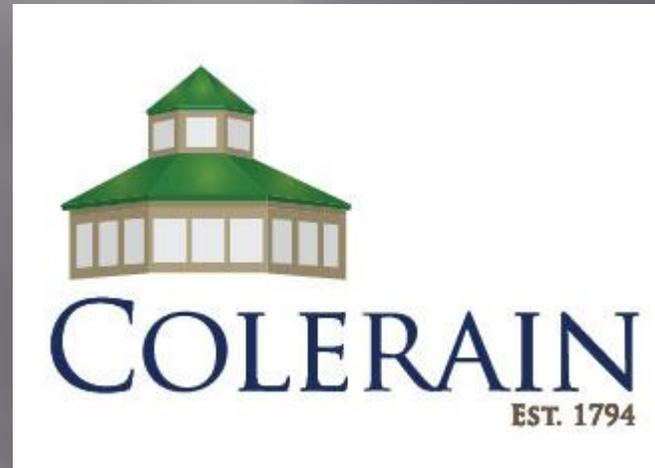
## ▣ Thermal Imaging Cameras - \$150,000

- Again, current thermal imaging cameras are reaching an age and condition that require its inclusion in the most recent “Capital” plan for the Fire Department
- The plan includes the replacement of three thermal imaging cameras, at a rate of one per fiscal year

# TECHNOLOGY/CAPITAL

- ▣ Mobile Data Computers (MDC) in Fire and EMS vehicles - \$62,000
  - Attempting to identify a vendor that can incorporate the current EMS reporting technology with the billing and then the capabilities of an MDC
  - The item was not included in the agency "Capital" purchasing plan through 2022
- ▣ Interview Room Video Recording System - \$10,000
  - The State of Ohio requires, by law, that all interviews of major felony crime suspects be recorded.
  - The current system is not compatible with Windows technology and is difficult to download and provide to prosecutors for case preparation
    - ▣ The current system cost \$6,000
  - Police Department operational needs have outgrown the capabilities of the current system
  - The goal is to use asset/forfeiture funds for the purchase of the new video system.
  - The new system was included in the Police Department "Capital" plan through 2022

# COLERAIN COMMUNITY SURVEY



# Why A Survey?

## Major Policy Issues:

- ▣ Rumpke
- ▣ Levy
- ▣ Zoning
- ▣ Staffing
- ▣ Budgeting

# Examples - Sharonville

*How would you rate the City of Sharonville as a place to live? Is it:*

1. Excellent
2. Good
3. Fair
4. Poor

*Overall, how would you rate the quality of City services in the City of Sharonville?*

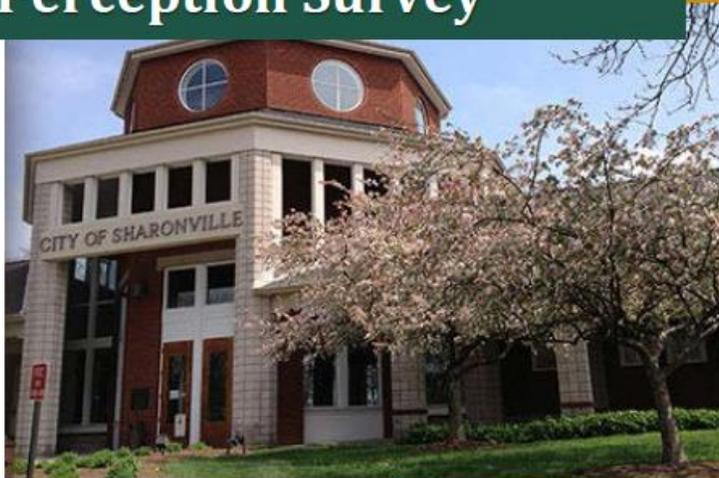
*How would you rate the City of Sharonville as a place to raise children?*

*How satisfied are you with street repair and maintenance? Are you:*

1. Very Satisfied
2. Satisfied
3. Dissatisfied
4. Very Dissatisfied

**2014**

**City of Sharonville Resident  
Perception Survey**



Center for Urban & Public Affairs  
Wright State University  
3640 Colonel Glenn Hwy  
Dayton, OH 45435  
(937) 775-3725

- ▣ Wright State University
- ▣ \$12,000.00
- ▣ 400 sampling
- ▣ Phone Surveys

# U.C. Institute of Policy Research

- ▣ Recommend Approximately 250 valid surveys
- ▣ Mail or Phone
- ▣ Cost range from \$14-21k
- ▣ Cannot use Greater Cincinnati Survey as it is County Wide
- ▣ Have worked with Montgomery, Blue Ash & Mason
- ▣ Develop Questions
- ▣ Approximately 4 Month process after questions agreed upon

# NKU Dept. of Public Administration

- ▣ Cannot begin until January 2015
- ▣ Free of Charge except possible rental of phone bank if using telephone surveys
- ▣ May use mail, phone , internet
- ▣ Willing to “go do door to door to get correct sampling as well.”
- ▣ Mgt Team develop questions & goals for survey prior to 1-1-15
- ▣ 4 Month process starting first week of January

# Recommendation

- ▣ Conduct Community Survey
  - Ascertain valid community concerns / support
  - Target dollars towards community want / needs
  - Not trying to “read the voters minds”
- ▣ Partner with NKU Public Admin. / Marketing Dept.
- ▣ Have questions / goals of survey finalized by 11-1-14
- ▣ Begin process 1-1-15

# STRATEGIC INITIATIVES

Marketing

# Marketing

- ▣ Options for Marketing/ Communications
  - Quarterly Newsletter (\$30,000 annually)
  - Social Media (No Cost)
    - ▣ Twitter, Facebook, Email
  - Calendar (\$15,000 annually)
  - Annual Report (\$15,000 annually)
  - Waycross/Northwest Press (No Cost)
    - ▣ Monthly programs/ guest columns
  - Electronic Message Board (\$50,000)
  - Communication Specialist (\$65,000 Salary/ Benefits)
  - Dedicated Receptionist (\$50,000 Salary/ Benefits)

# PUBLIC INFRASTRUCTURE

Includes: Roads – Curbs – Gutters –  
Catch Basins - Ditches - Sidewalks –  
Street Signage - Street Trees

- We are only addressing roads, curbs, gutters & catch basins for this presentation

# INVENTORY OF INFRASTRUCTURE

- ▣ 111.08 miles of roads
- ▣ 480 individual roads
- ▣ 3,850 catch basins
- ▣ 7,600 street signs

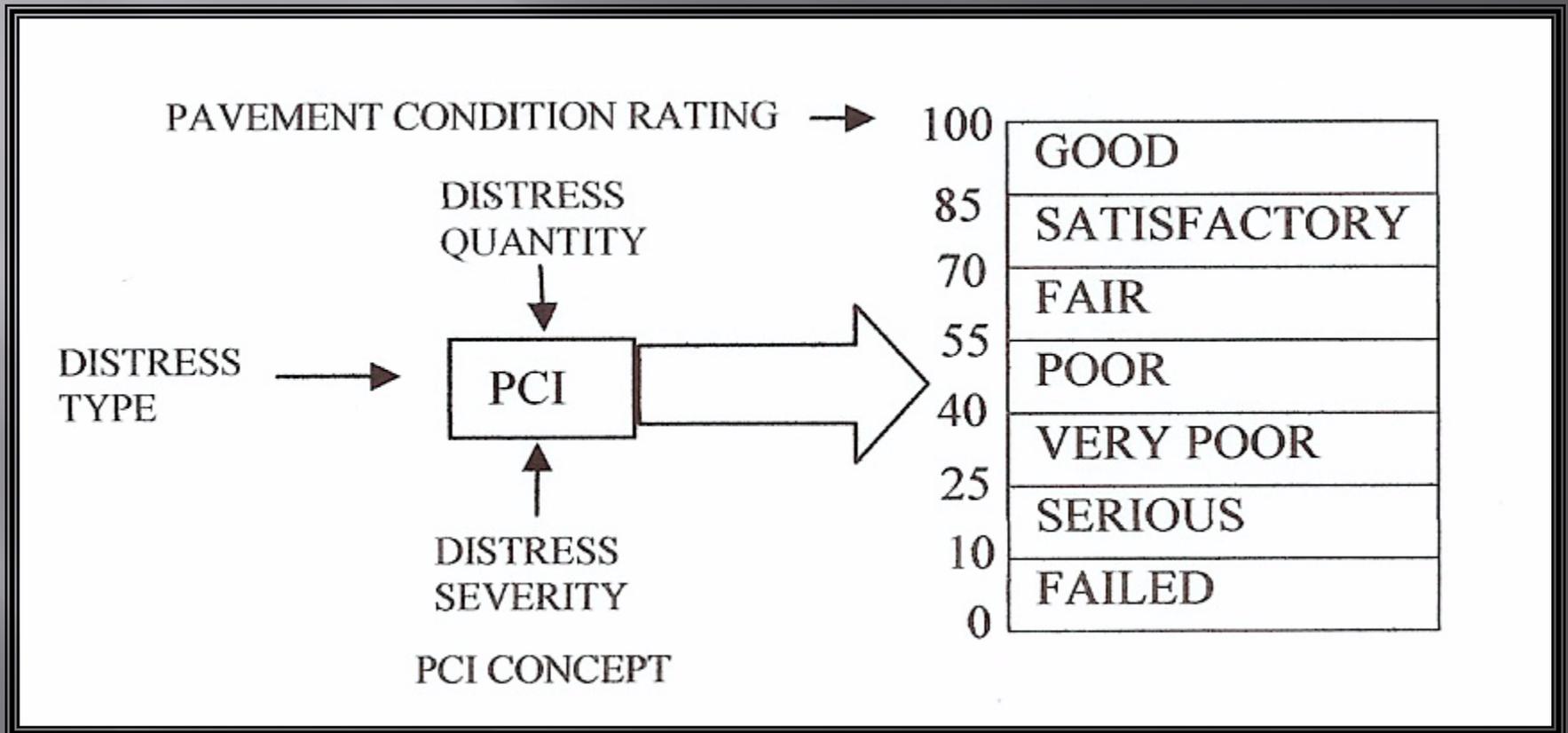
# PAVEMENT MANAGEMENT SYSTEM

MicroPAVER uses inspection data and a pavement condition index (PCI) rating from zero (failed) to 100 (excellent) for consistently describing a pavement's condition and for predicting its R&M needs many years into the future.

The computerized pavement management system takes data inputted from qualified field inspectors consisting of:

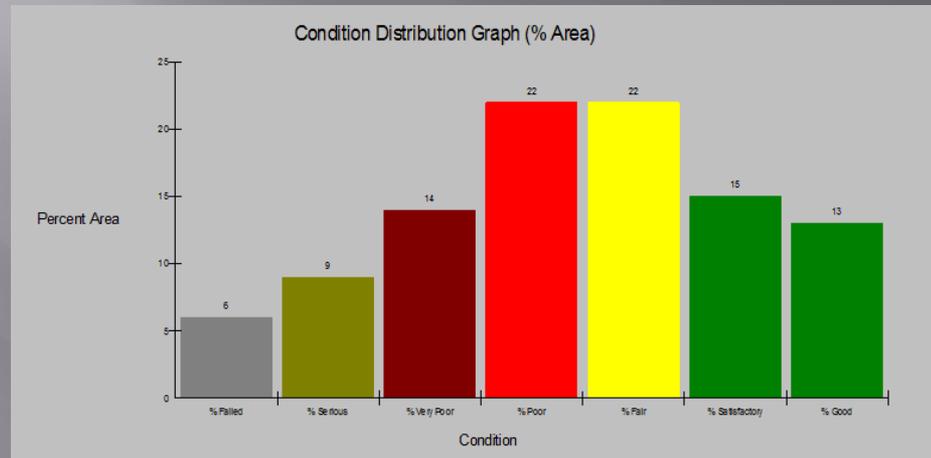
- ❑ Age of the surface
- ❑ Pavement defects
- ❑ Usage
- ❑ Traffic flow

# PAVEMENT CONDITION INDEX (PCI) SCALE

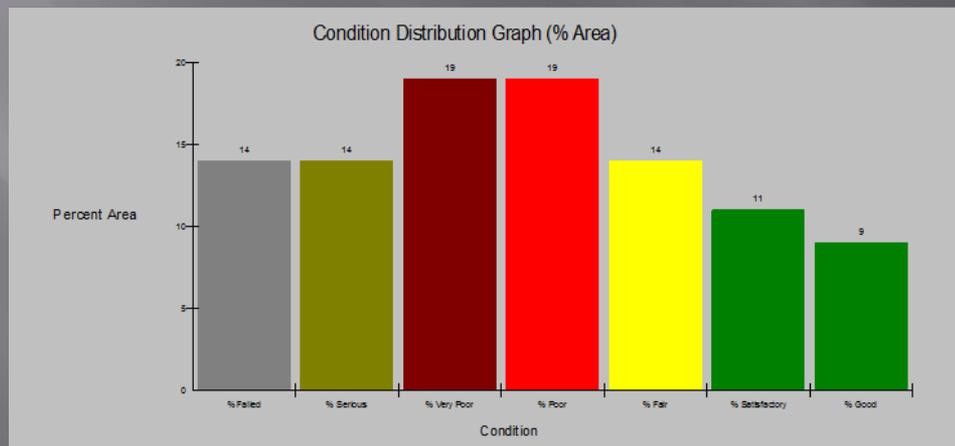


# 2010 and 2014 CONDITION BREAKDOWN COMPARISON

## 2010 Condition Breakdown



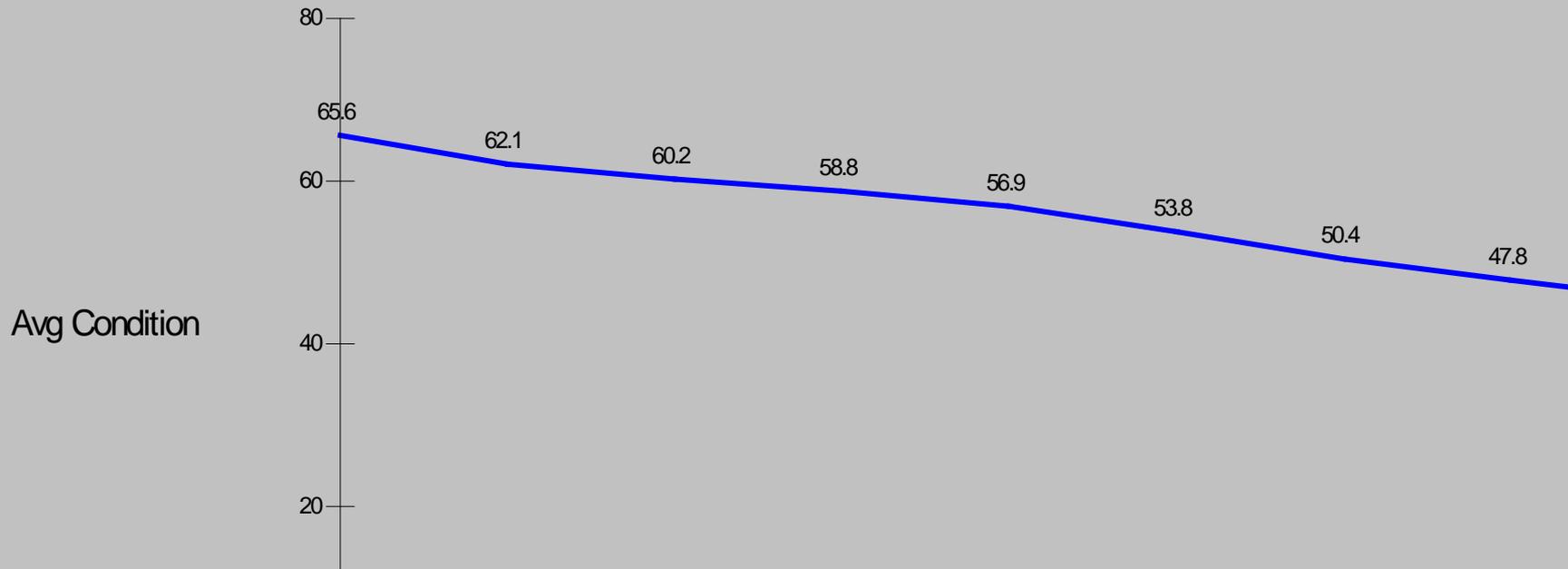
## 2014 Condition Breakdown



**Out of 111.08 miles, average PCI is 42.36**

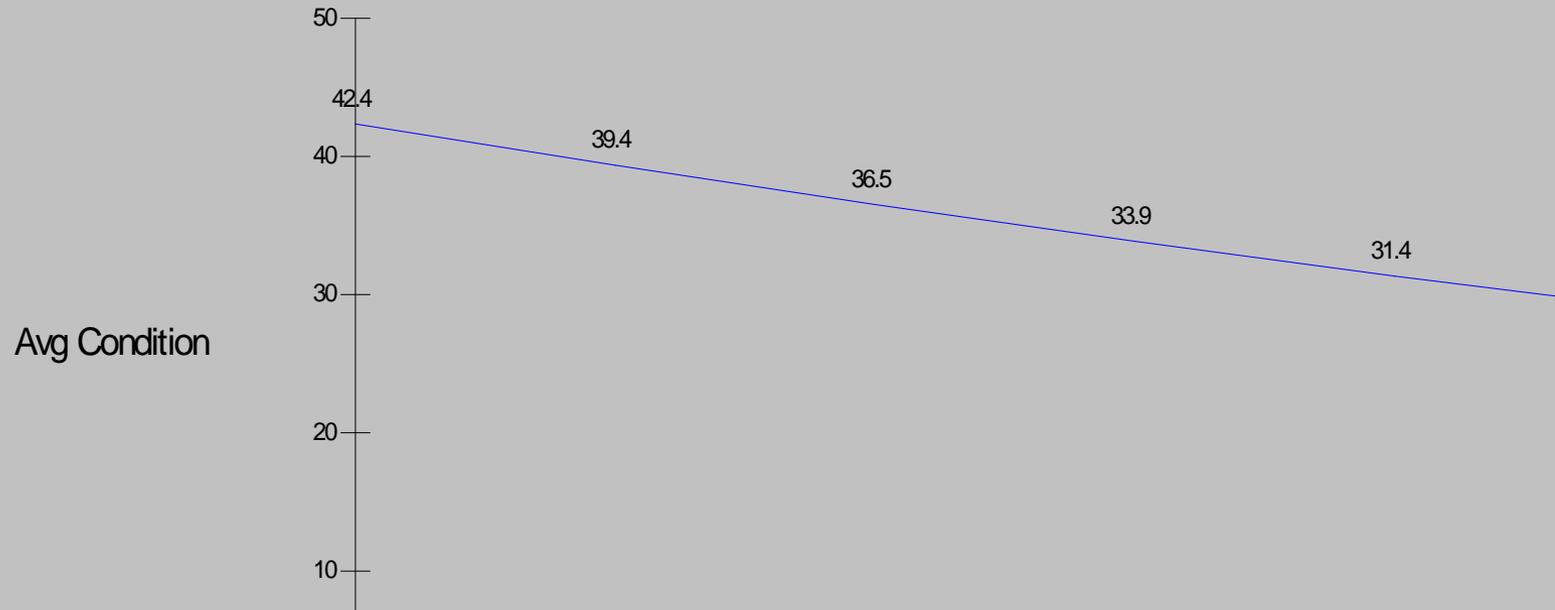
# PCI 2005 to 2014

Annual Condition Plot (Arithmetic Avg.)

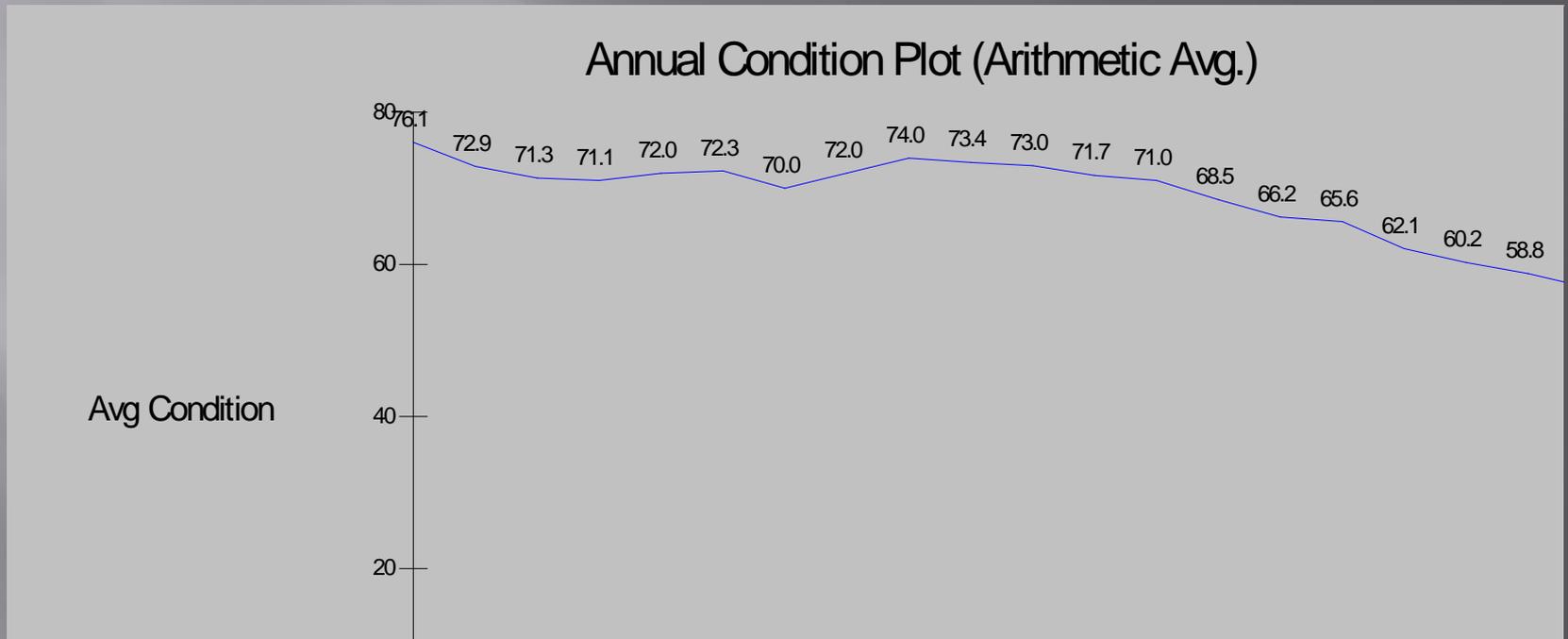


# PREDICTED PCI No Action Taken

Annual Condition Plot (Arithmetic Avg.)



# PCI over 25 years from 1990 to 2014



# ACTION NEEDED BASED ON PCI SCORE

## PCI = 100

- ▣ Action – None Needed: 9% of our roads

## PCI = 70

- ▣ Action – Preventative Maintenance: 25% of our roads (In -House)

## PCI = 50

- ▣ Action – Rehabilitation: 38% of our roads (\$19 million)

## PCI < 20

- ▣ Action – Reconstruction: 28% of our roads (\$98 million) Up to 70% paid for with SCIP Grants.

# ACTION DEFINITION

- ▣ **Preventive Maintenance:** Sweeping, crack sealing and patching.
- ▣ **Rehabilitation** – Includes such work as full depth repair, rotomilling, storm and sewer lid adjustments, catch basin rebuild, grade adjustments curb ramps and resurfacing
- ▣ **Reconstruction (SCIP)** – Includes removal of all asphalt and base, may replace storm sewer and other utilities, replace aprons and sidewalks, curb replacement and curb ramps, all built to current Hamilton County specifications.

# STRATEGIC INITIATIVES

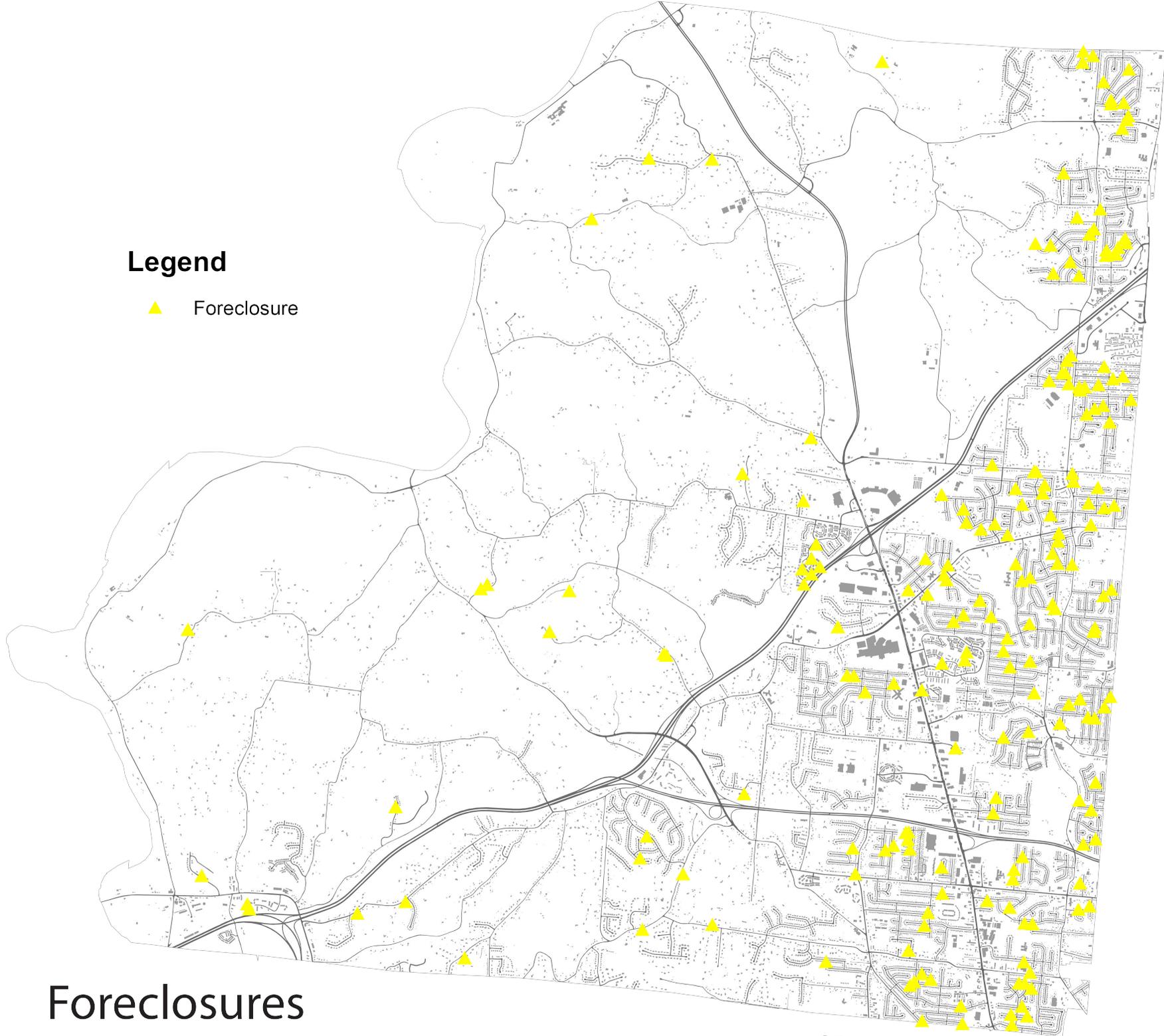
Focus On Neighborhoods

# Goal

- ▣ To identify neighborhoods where certain indicators of community health are trending in a negative direction, to apply resources from multiple agencies to the neighborhood and measure the outcome - with the intention of positively affecting the indicators.

## Legend

▲ Foreclosure



# Foreclosures

**Legend**

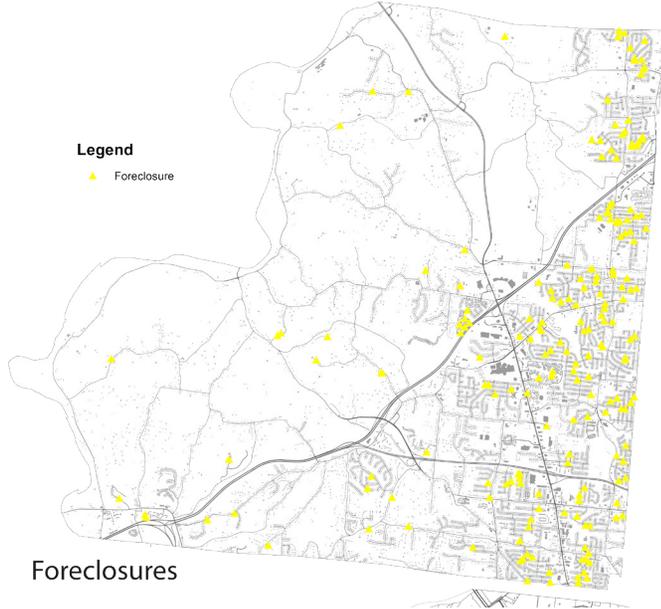
- \* Drug Offense
- \* Assault
- \* Criminal Property Damage
- \* Burglary
- \* Vandalism
- \* Robbery
- \* Breaking & Entering
- \* Weapons Violation
- \* Rape
- \* Gross Sexual Imposition
- \* Arson
- \* Homicide



Crime

**Legend**

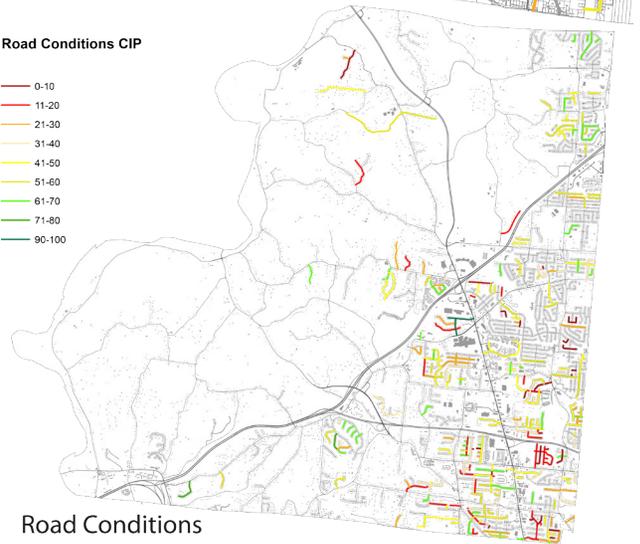
- ▲ Foreclosure



Foreclosures

**Road Conditions CIP**

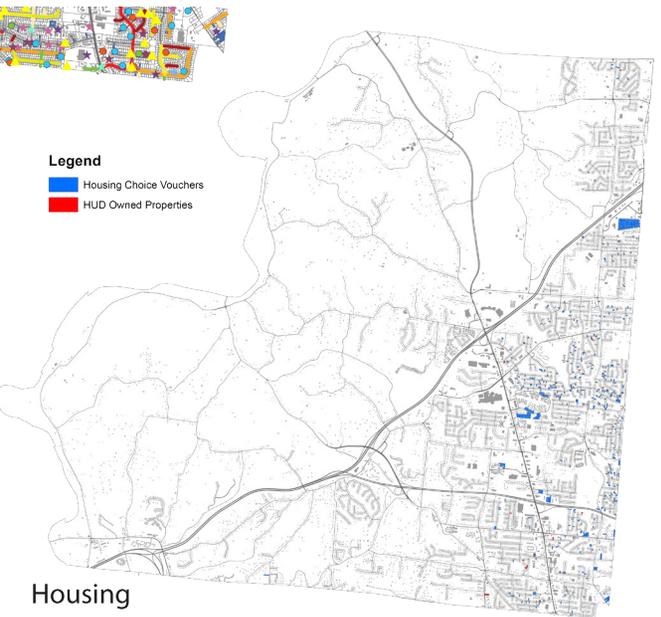
- 0-10
- 11-20
- 21-30
- 31-40
- 41-50
- 51-60
- 61-70
- 71-80
- 90-100



Road Conditions

**Legend**

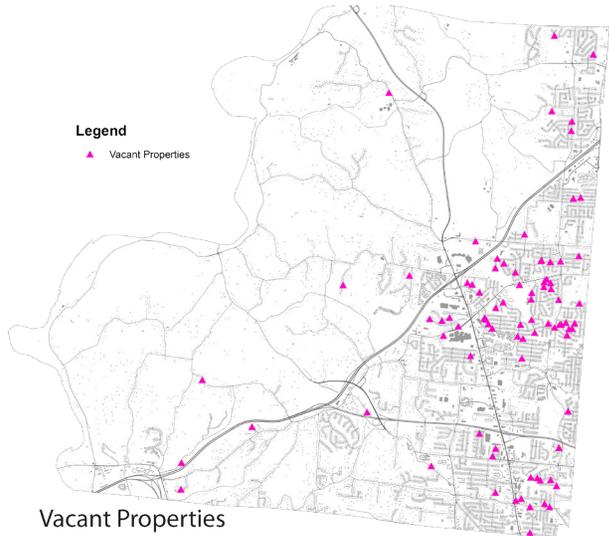
- Housing Choice Vouchers
- HUD Owned Properties



Housing

**Legend**

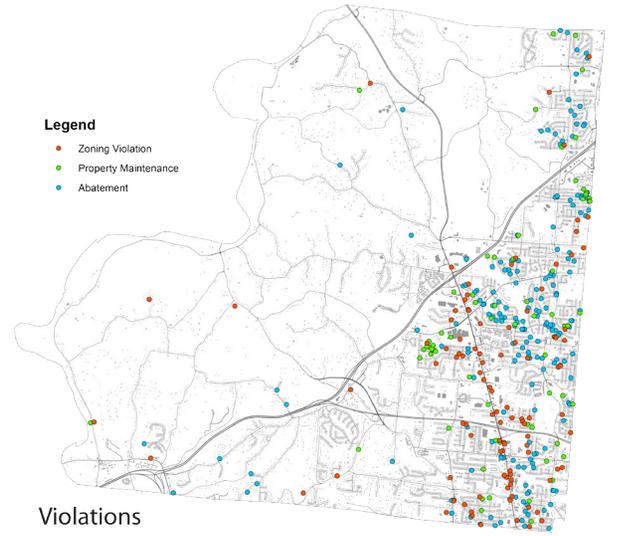
- ▲ Vacant Properties



Vacant Properties

**Legend**

- Zoning Violation
- Property Maintenance
- Abatement

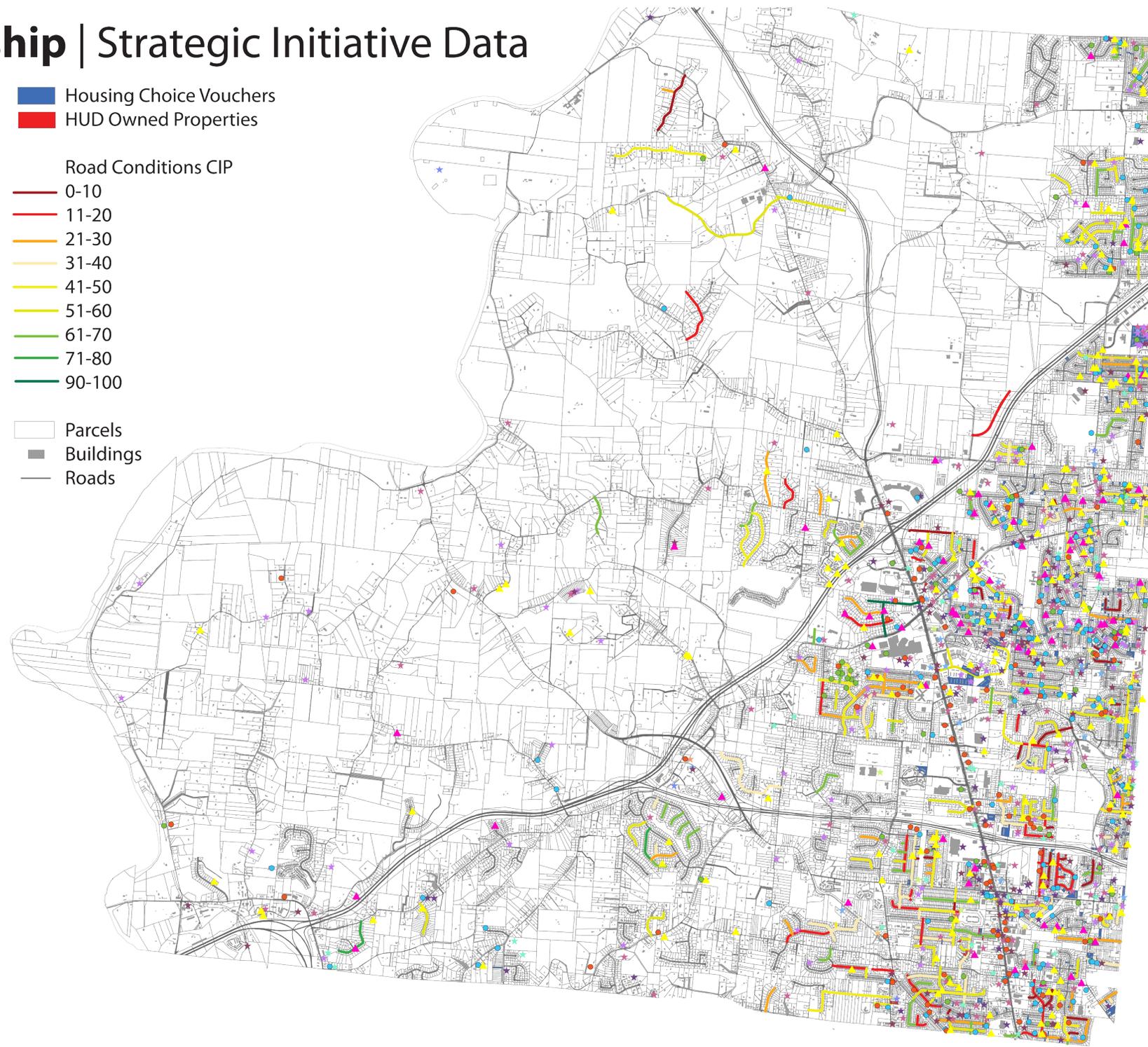


Violations

# Colerain Township | Strategic Initiative Data

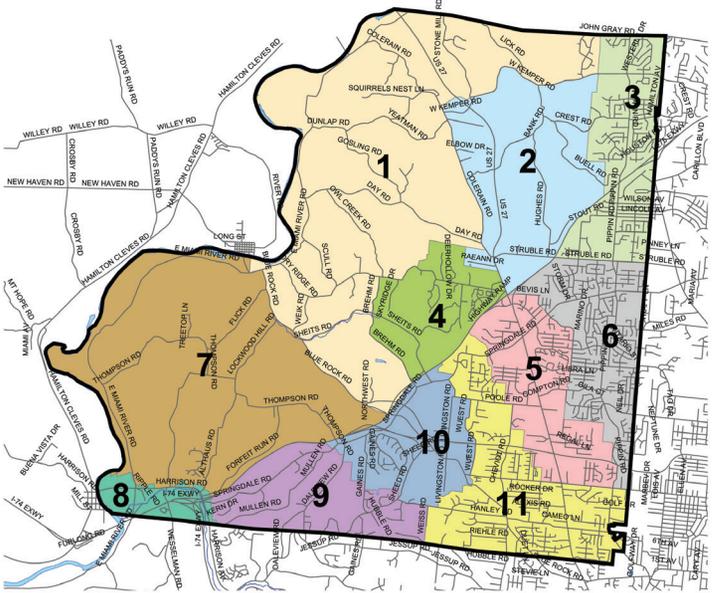
- ▲ Foreclosure
- ▲ Vacant Properties
- Zoning Violation
- Property Maintenance
- Abatement
- Crime:
- ★ Drug Offense
- ★ Assault
- ★ Criminal Property Damage
- ★ Burglary
- ★ Vandalism
- ★ Robbery
- ★ Breaking & Entering
- ★ Weapons Violation
- ★ Rape
- ★ Gross Sexual Imposition
- ★ Arson
- ★ Homicide

- Housing Choice Vouchers
- HUD Owned Properties
- Road Conditions CIP
- 0-10
- 11-20
- 21-30
- 31-40
- 41-50
- 51-60
- 61-70
- 71-80
- 90-100
- Parcels
- Buildings
- Roads



# Character Areas

- 1: Rural North/ Dunlap
- 2: Banklick Creek
- 3: Bevis/ Pleasant Run
- 4: Pebble Creek/ Dry Ridge
- 5: Colerain Avenue
- 6: Northbrook/ Groesbeck
- 7: Miami River South
- 8: Harrison Avenue
- 9: Daleview/ Peach Grove
- 10: Springdale/ Blue Rock
- 11: White Oak



Column1	Area 1: Rural North/Dunlap	Area 2: Banklick Creek	Area 3: Bevis/ Pleasant Run	Area 4: Pebble Creek/ Dry Ridge	Area 5: Colerain Ave	Area 6: Northbrook/ Groesbeck	Area 7: Miami River South	Area 8: Harrison Ave	Area 9: Daleview/ Peach Grove	Area 10: Springdale/ Blue Rock	Area 11: White Oak	Total
Foreclosure	11	0	48	8	25	56	3	2	4	5	36	198
Vacant Properties	1	1	8	2	19	35	2	0	2	1	14	85
Zoning Violation	1	1	7	0	41	17	4	0	2	1	32	106
Property Maintenance	1	0	15	0	18	18	1	0	1	1	20	75
Abatement	1	2	38	0	38	81	3	1	4	1	41	210
Drug Offense	1	1	4	0	34	17	0	0	4	0	21	82
Assault	1	1	14	2	21	29	0	3	1	1	23	95
Criminal Property Damage	6	5	23	3	52	62	1	2	2	3	30	189
Burglary	7	1	43	0	17	42	9	1	2	3	18	143
Vandalism	1	0	3	0	0	3	0	0	0	2	2	11
Robbery	0	0	6	0	14	11	0	1	1	1	7	40
Breaking & Entering	1	0	5	0	16	16	0	3	2	3	13	59
Weapons Violation	0	0	5	0	2	2	0	0	0	1	3	13
Rape	0	0	0	0	0	5	0	0	0	0	3	8
Gross Sexual Imposition	0	0	2	0	1	3	0	0	0	0	1	7
Arson	0	0	1	0	0	1	0	0	0	1	1	4
Homicide	0	0	0	0	1	0	0	0	0	0	1	2
HousingChoiceVoucher parcels	0	0	159	0	74	196	0	0	1	0	62	492
HUD Owned Properties parcels	0	0	5	0	6	8	0	0	0	0	15	34
Addresses	1397	460	3627	1242	3838	5085	968	469	1046	1263	5390	
% Foreclosure	0.72%	0	1.32%	0.64%	0.65%	1.10%	0.31%	0.43%	0.38%	0.40%	0.67%	
% Vacant Properties	0.14%	0.22%	0.22%	0.16%	0.50%	0.69%	0.21%	0	0.19%	0.08%	0.26%	
% Zoning Violation	0.07%	0.22%	0.19%	0	1.07%	0.33%	0.41%	0	0.19%	0.08%	0.59%	
% Property Maintenance	0.07%	0	0.41%	0	0.47%	0.35%	0.10%	0	0.10%	0.08%	0.37%	
% Abatement	0.07%	0.43%	1.05%	0	0.99%	1.59%	0.31%	0.21%	0.38%	0.08%	0.76%	
% Drug Offense	0.07%	0.22%	0.11%	0	0.89%	0.33%	0	0	0.38%	0	0.39%	
% Assault	0.07%	0.22%	0.39%	0.16%	0.55%	0.57%	0	0.64%	0	0.08%	0.43%	
% Criminal Property Damage	0.43%	1.09%	0.63%	0.24%	1.35%	1.22%	0.10%	0.43%	0.19%	0.24%	0.56%	
% Burglary	0.50%	0.22%	1.19%	0	0.44%	0.83%	0.93%	0.21%	0.19%	0.24%	0.33%	
% Vandalism	0.07%	0	0.08%	0	0	0.05%	0	0	0	0.16%	0.04%	
% Robbery	0	0	0.17%	0	0.36%	0.22%	0	0.21%	0	0.07%	0.13%	
% Breaking & Entering	0.07%	0	0.14%	0	0.42%	0.31%	0	0.64%	0.19%	0.24%	0.24%	
% Weapons Violation	0	0	0.14%	0	0.05%	0.04%	0	0	0	0.07%	0.06%	
% Rape	0	0	0	0	0	0.10%	0	0	0	0	0.06%	
% Gross Sexual Imposition	0	0	0.06%	0	0.03%	0.06%	0	0	0	0	0.02%	
% Arson	0	0	0.03%	0	0	0.02%	0	0	0	0.07%	0.02%	
% Homicide	0	0	0	0	0.03%	0	0	0	0	0	0.02%	
% Housing Choice Vouchers	0	0	4.38%	0	1.93%	3.85%	0	0	0.10%	0	1.15%	
% HUD Owned Properties	0	0	0.14%	0	0.16%	0.16%	0	0	0	0	0.28%	

Column1	Area 1: Rural North/Dunlap	Area 2: Banklick Creek	Area 3: Bevis/ Pleasant Run
Foreclosure	11	0	48
Vacant Properties	1	1	8
Zoning Violation	1	1	7
Property Maintenance	1	0	15
Abatement	1	2	38
Drug Offense	1	1	4
Assault	1	1	14
Criminal Property Damage	6	5	23
Burglary	7	1	43
Vandalism	1	0	3
Robbery	0	0	6
Breaking & Entering	1	0	5
Weapons Violation	0	0	5
Rape	0	0	0
Gross Sexual Imposition	0	0	2
Arson	0	0	1
Homicide	0	0	0
HousingChoiceVoucher parcels	0	0	159
HUD Owned Properties parcels	0	0	5

Column1	Area 1: Rural North/ Dunlap	Area 2: Banklick Creek	Area 3: Bevis/ Pleasant Run
Addresses	1397	460	3627
% Foreclosure	0.72%	0	1.32%
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% Abatement	0.07%	0.43%	1.05%
% Drug Offense	0.07%	0.22%	0.11%
% Assault	0.07%	0.22%	0.39%
% Criminal Property Damage	0.43%	1.09%	0.63%
% Burglary	0.50%	0.22%	1.19%
% Vandalism	0.07%	0	0.08%
% Robbery	0	0	0.17%
% Breaking & Entering	0.07%	0	0.14%
% Weapons Violation	0	0	0.14%
% Rape	0	0	0
% Gross Sexual Imposition	0	0	0.06%
% Arson	0	0	0.03%
% Homicide	0	0	0
% Housing Choice Vouchers	0	0	4.38%
% HUD Owned Properties	0	0	0.14%

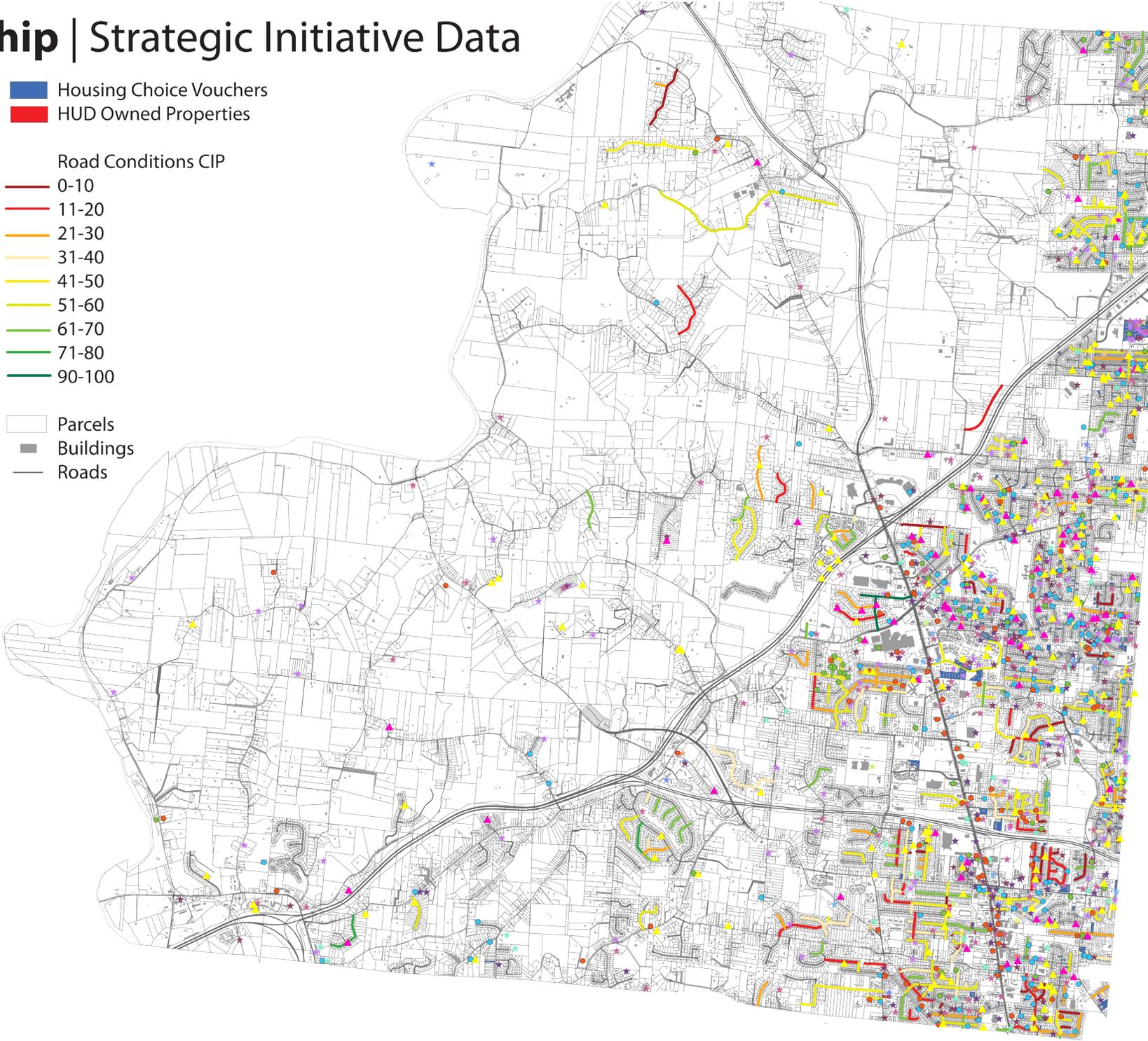
# Colerain Township | Strategic Initiative Data

- ▲ Foreclosure
- ▲ Vacant Properties
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  - 51-60
  - 61-70
  - 71-80
  - 90-100

- Parcels
- Buildings
- Roads



# Next Steps

- ▣ Use data to create Community Health Index
- ▣ Identify target neighborhoods
- ▣ Focus Township resources on target neighborhoods
- ▣ Measure impact and review