



**CITY OF WESTFIELD, IN**  
**Board of Public Works Meeting Agenda\_03\_23\_2022**

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Wednesday, March 23, 2022 at 01:00 PM

**BOARD OR COMMISSION:** Board of Public Works and Safety

**MEETING DATE:** Wednesday, March 23, 2022 at 01:00 PM

**MEETING PLACE:** Westfield City Hall- Large Conference Room

**THE FOLLOWING AGENDA IS SUBJECT TO CHANGE AT THE DISCRETION OF THE BOARD OF PUBLIC WORKS AND SAFETY**

**AGENDA ITEMS**

**Meeting Minutes Consideration for Approval**

**Action Item #1:**

**Minutes – February 23, 2022**

**Documents:** [Minutes - February 23, 2022](#)

**Bid Approval**

**NONE**

**Construction Standards & Specifications Changes**

**NONE**

**Change Orders**

**NONE**

**Contracts/Agreements**

**Action Item #2:**

**StreetScan & City of Westfield – Automated Asset Management Proposal**

**Documents:** [Westfield StreetScan Service Agreement](#)

**Agreements and/or Memorandum of Understanding (MOU)**

**NONE**

## **Consent Agenda**

**WPD - Approval to Hire Officers**

**March Bond Information**

**Documents:** [March - Bond List](#)

## **Department Reports**

**Fire**

**Documents:** [WFD - March Report](#)

**Police**

**Documents:** [WPD - February Report](#)

**Public Works**

## **THE WESTFIELD BOARD OF PUBLIC WORKS AND SAFETY February 23, 2022**

The Westfield Board of Public Works and Safety met on February 23, 2022 at City Hall Assembly Rm. Present were, Jim Ake, Larry Clarino, and Kim Strang, representing the Clerk's Office. The mayor was not present. Chou-il-Lee was on the call.

Jim Ake called the meeting to order at 1:00 PM

### **CHANGES IN AGENDA**

Action item #7 will be tabled until a future meeting.

### **AGENDA ITEMS:**

#### **Action Item #1: Approval of Minutes from December 15, 2021**

Larry Clarino made the motion to approve the minutes as presented. Jim Ake seconded.  
Vote: Yes-2; No-0. Motion carries.

### **CONTRACTS/AGREEMENTS**

#### **Action Item #2: Epcon Westfield Road Impact Fee Credit Agreement**

Johnathon Nail presented stating the RIF in exchange for drainage improvements to be done by the developer of the Courtyards of Westfield Development. (SE corner of 151<sup>st</sup> Street & Town Rd.) The developer will put in a reinforced concrete pipe to accommodate the drainage outlet for the City's future roundabout project. The RIF has a do not exceed of \$78,400 and the developer will dedicate the real estate and improvements to the city at no cost, prior to the RIF being dispersed.

Larry Clarino made the motion to approve the RIF as written. Jim Ake seconded.  
Vote: Yes-2; No-0. Motion carries.

#### **Action Item #3: BirJax Group d/b/a Puddle Jumpers, Inc. & City of Westfield-Professional Consulting Agreement-2022 Stormwater**

Wes Rood presented stating this is the annual renewal agreement with Puddle Jumpers, Inc. (we have used them for the last 4 years) to maintain areas in the stormwater management plan in order to stay in compliance. The agreement has a not to exceed of \$49,725.

Jim Ake made the motion to approval the agreement as presented. Larry Clarino seconded.  
Vote: Yes-2; No-0. Motion carries

**Action Item #4: Signing Authority -BF&S City of Westfield-Mule Barn Road Widening Professional Engineer Contract**

Johnathon Nail presented asking for the signing authority to accept a preliminary engineering contract (with Butler, Fairman, and Seufert, Inc.) for the Mule Barn Rd and SR 32 widening and intersection improvement project. Currently it has a not to exceed of \$331,410 but it is hopeful to negotiate a reduced amount prior to contract execution.

Jim Ake made a motion to approve the contract as presented. Larry Clarino seconded.  
Vote: Yes-2; No-0. Motion carries.

**Action Item #5: WSP & City of Westfield-On Call Contract**

Johnathon Nail presented stating this is for right of way acquisition services for 151<sup>st</sup> Street & Shelborne Rd. with a total of 6 parcels. Services include: right-of-way management, appraising, and buying. This has an estimated total of \$39,660.

Larry Clarino made the motion to approve the contract agreement as written. Jim Ake seconded.  
Vote: Yes-2; No-0. Motion carries.

**Action Item #6: VS Engineering & City of Westfield-Design Contract-Midland Trace Trail Gap Project**

Jeremy Lollar presented this is for the engineering design, and construction plans for the gaps in trail connectivity on the Midland Trace Trail. Once the design is complete the project will be sent out to bid later this year.

Larry Clarino made the motion to approve the contract as written. Jim Ake seconded.  
Vote: Yes-2; No-0. Motion carries.

**Action Item #7: StreetScan & City of Westfield-Automated Asset Management Proposal**

Tabled to a future meeting

**AGREEMENTS AND/OR MEMORANDUM OF UNDERSTANDING (MOU)**

**Action Item #8: White River Alliance & City of Westfield-Regional MSS Public Education & Public Involvement Program**

Wes Rood stated this is a continued partnership (10 yrs.) with Carmel, Noblesville, Fishers, and Zionsville. White River alliance provides services to support the city's MS4 permit requirements for minimum control measures, public education and public involvement. Partnership with the other cities in these services saves money and gets the message of public education and out reach to the communities.

Larry Clarino made the motion to approve action item #8. Jim Ake seconded.  
Vote: Yes-2; No-0. Motion carries.

## **PERMIT APPROVAL**

**None**

## **CONSENT AGENDA:**

### **February Bond Information**

Jim Ake made the motion to approve the consent agenda. Larry Clarino seconded.  
Vote: Yes-2; No-0. Motion carries.

## **DEPARTMENT REPORTS:**

**Fire-** Chief Roberts

**Police-** Chief Rush

**Public Works-** Jeremy Lollar

Larry Clarino made the motion to adjourn. Jim Ake seconded. Vote; Yes-2; No-0. Motion carries.

The meeting was adjourned at 1:45 PM

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Deputy Clerk-Treasurer

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Board of Public Works and Safety

# **Westfield Police Department**

## **Monthly Performance Measures Report**



### **Board of Public Works & Safety**

**February 2022**

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# Westfield Police Department

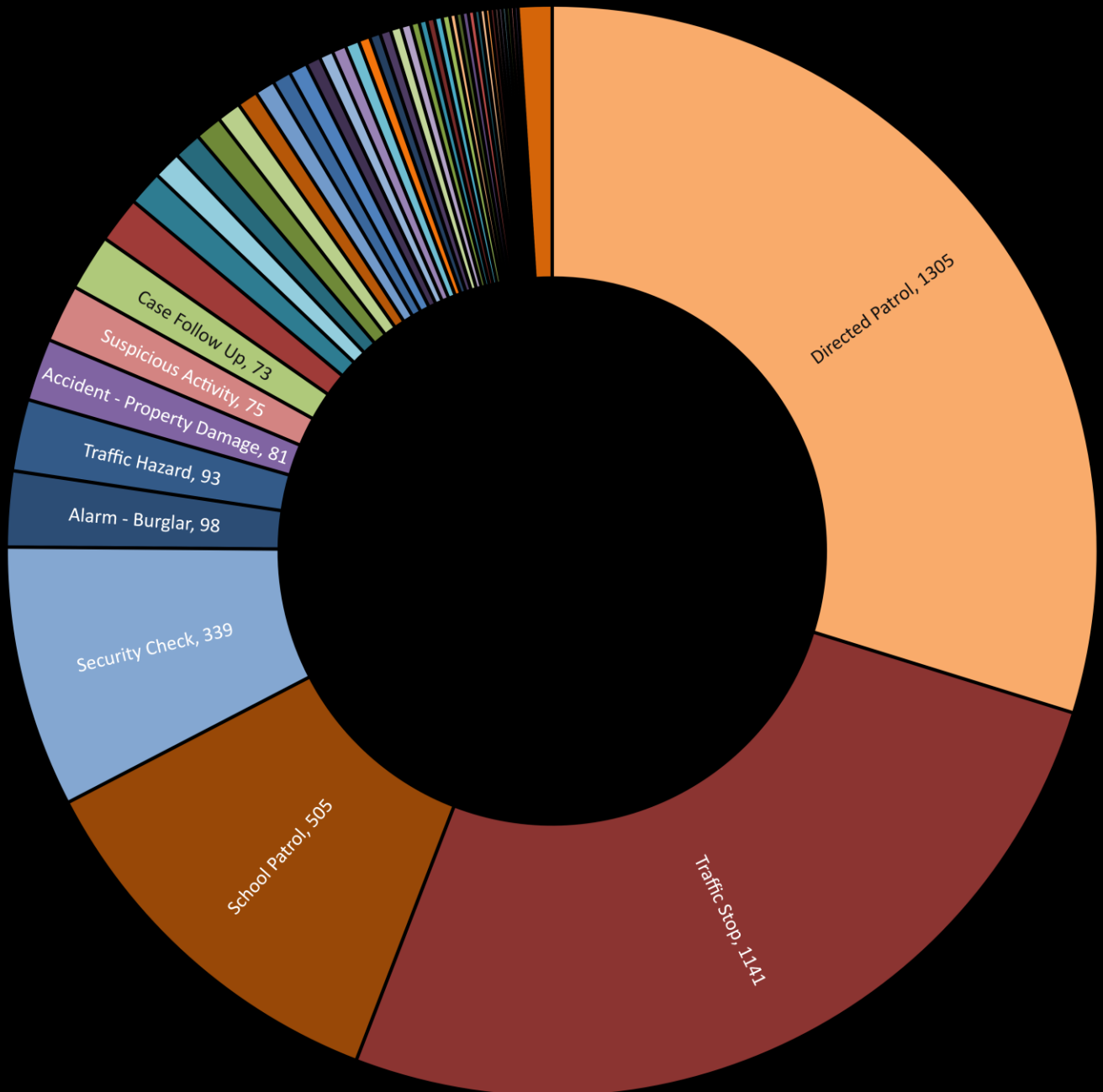
February 2022

## Events by Nature

| Incident Type                      | Count     | Incident Type Cont.                   | Count Cont. |
|------------------------------------|-----------|---------------------------------------|-------------|
| <b>911 Hang Up</b>                 | <b>24</b> | <b>K9 Detail</b>                      | <b>0</b>    |
| Abandoned Vehicle                  | 8         | Kidnapping                            | 0           |
| <b>Abandonment</b>                 | <b>0</b>  | <b>Lock Out</b>                       | <b>36</b>   |
| Abuse / Neglect                    | 0         | Loud Party                            | 1           |
| <b>Accident - Hit &amp; Run PD</b> | <b>10</b> | <b>Mental Emotional - Violent</b>     | <b>4</b>    |
| Accident - Hit & Run PI            | 0         | <b>Mental Emotial/Suicide Attempt</b> | <b>1</b>    |
| <b>Accident - Other</b>            | <b>1</b>  | Mental Person                         | 7           |
| Accident - Property Damage         | 81        | <b>Miscellaneous</b>                  | <b>14</b>   |
| <b>Accident - Personal Injury</b>  | <b>10</b> | Missing Person                        | 6           |
| Accident - Sinking Vehicle         | 0         | <b>Missing Person - PLS</b>           | <b>0</b>    |
| <b>Accident - Unknown</b>          | <b>6</b>  | <b>New Call</b>                       | <b>0</b>    |
| Accelerator Stuck                  | 0         | Nuisance                              | 2           |
| <b>Active Assailant</b>            | <b>0</b>  | <b>Ordinance Misc.</b>                | <b>8</b>    |
| Alarm - Other                      | 3         | Parking Complaint                     | 19          |
| <b>Alarm - Vehicle</b>             | <b>0</b>  | <b>Physical Disturbance</b>           | <b>7</b>    |
| Alarm - Burglar                    | 98        | Product Contamination                 | 0           |
| <b>Alarm - Hold Up</b>             | <b>10</b> | <b>Reckless Activity</b>              | <b>2</b>    |
| Animal Bite / Attack               | 5         | Road Rage                             | 3           |
| <b>Animal Complaint</b>            | <b>14</b> | <b>Robbery</b>                        | <b>0</b>    |
| Assist Fire                        | 36        | Runaway                               | 4           |
| <b>Assist Other Department</b>     | <b>27</b> | <b>School Patrol</b>                  | <b>505</b>  |
| Assist Public                      | 26        | Security Check                        | 339         |
| <b>Battery</b>                     | <b>1</b>  | <b>Sex Offense</b>                    | <b>3</b>    |
| Bomb Device Found                  | 0         | Shooting                              | 0           |
| <b>Bomb Threat</b>                 | <b>0</b>  | <b>Solicitor</b>                      | <b>1</b>    |
| Burglary                           | 5         | Special Detail                        | 1           |
| <b>Carjacking</b>                  | <b>0</b>  | <b>Stabbing</b>                       | <b>0</b>    |
| Case Follow Up                     | 73        | Suicide                               | 0           |
| <b>Child Seat Inspection</b>       | <b>0</b>  | <b>Suspicious Activity</b>            | <b>75</b>   |
| Civil Dispute                      | 18        | Suspicious Package                    | 0           |
| <b>Criminal Mischief</b>           | <b>18</b> | <b>Suspicious Person</b>              | <b>1</b>    |
| Damage to Property                 | 1         | Test                                  | 0           |
| <b>Death Investigation</b>         | <b>1</b>  | <b>Theft</b>                          | <b>31</b>   |
| Directed Patrol                    | 1305      | Theft - From a Vehicle                | 5           |
| <b>Disturbance</b>                 | <b>24</b> | <b>Theft - of a Vehicle</b>           | <b>1</b>    |
| Driving Complaint                  | 60        | Theft Shoplifter                      | 0           |
| <b>Drug Complaint</b>              | <b>11</b> | <b>Threat to Life</b>                 | <b>5</b>    |
| Drug Lab                           | 0         | Threatening Suicide                   | 8           |
| <b>Escort</b>                      | <b>2</b>  | <b>Tow Release</b>                    | <b>1</b>    |
| Fight                              | 0         | Traffic Hazard                        | 93          |
| <b>Firearms Shots Fired</b>        | <b>2</b>  | <b>Transport</b>                      | <b>1</b>    |
| Foot Patrols                       | 8         | Trespassing                           | 4           |
| <b>Found / Lost Property</b>       | <b>10</b> | <b>Traffic Stop</b>                   | <b>1141</b> |
| Found Person                       | 1         | Unknown Call for Police               | 0           |
| <b>Fraud Prescription</b>          | <b>0</b>  | <b>VIN Check</b>                      | <b>35</b>   |
| Fraud / Deception                  | 15        | Wanted                                | 0           |
| <b>Harassment</b>                  | <b>18</b> | <b>Warrant Service</b>                | <b>5</b>    |
| <b>Intoxicated Person</b>          | <b>5</b>  | Weapons Complaint                     | 2           |
| <b>Investigation</b>               | <b>14</b> | <b>Welfare Check</b>                  | <b>45</b>   |
| <b>Jail Incident</b>               | <b>0</b>  | <b>Total</b>                          | <b>4380</b> |
| Juvenile Complaint                 | 13        |                                       |             |

Westfield Police Department  
February 2022

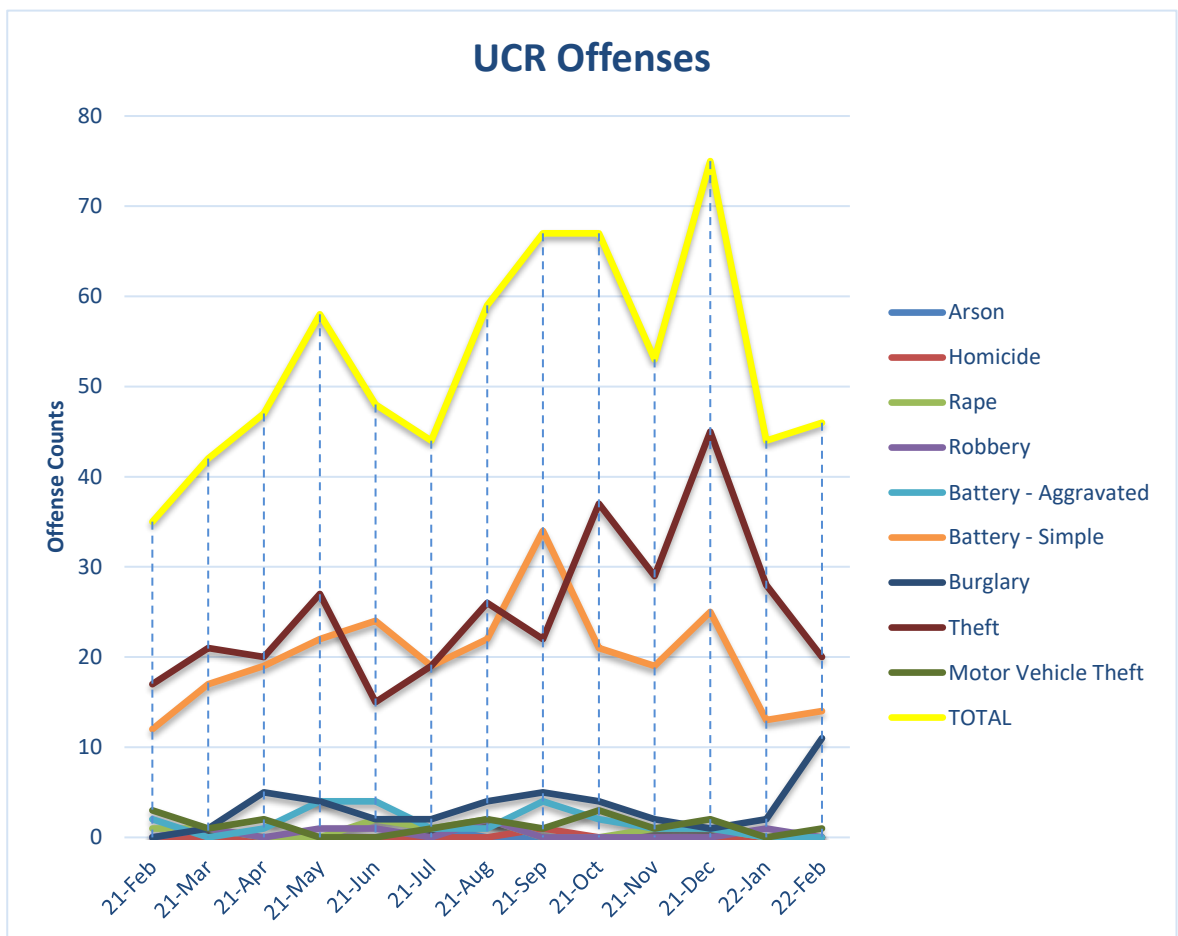
Monthly Events by Incident Type  
February 2022



Westfield Police Department  
February 2022

**UCR OFFENSES**

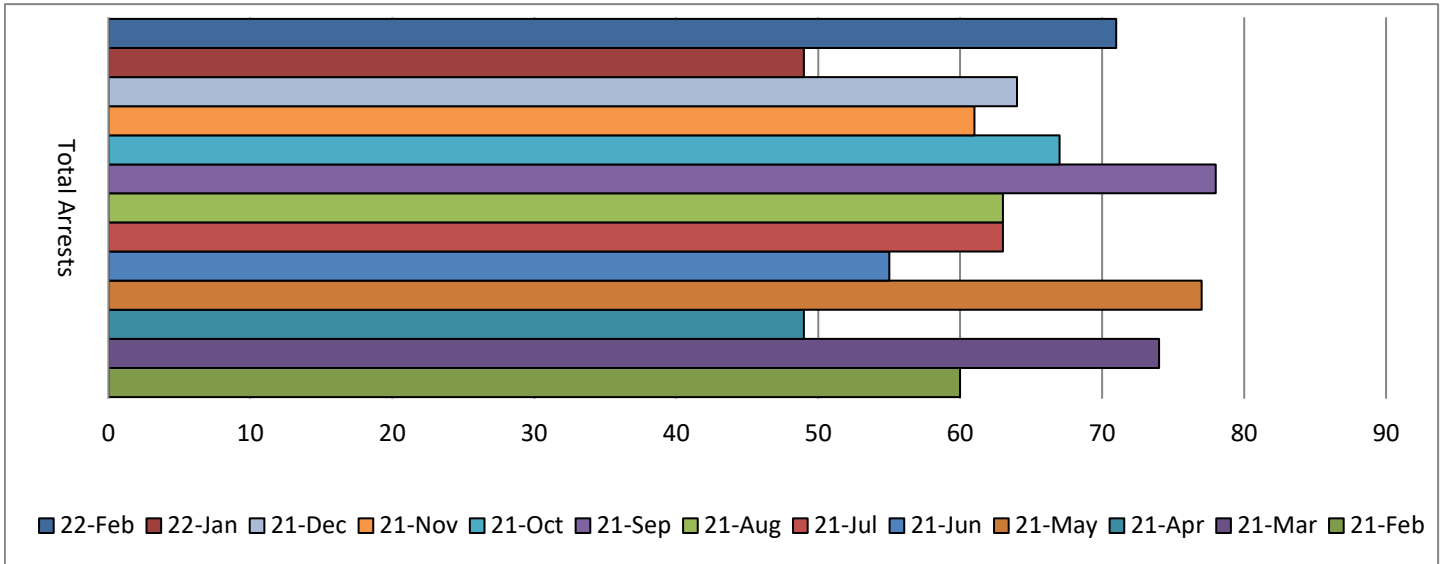
| OFFENSE              | 21-Feb    | 21-Mar    | 21-Apr    | 21-May    | 21-Jun    | 21-Jul    | 21-Aug    | 21-Sep    | 21-Oct    | 21-Nov    | 21-Dec    | 22-Jan    | 22-Feb    |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Arson                | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Homicide             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         |
| Rape                 | 1         | 1         | 0         | 0         | 2         | 1         | 2         | 0         | 0         | 1         | 1         | 0         | 0         |
| Robbery              | 0         | 1         | 0         | 1         | 1         | 0         | 2         | 0         | 0         | 0         | 0         | 1         | 0         |
| Battery - Aggravated | 2         | 0         | 1         | 4         | 4         | 1         | 1         | 4         | 2         | 1         | 1         | 0         | 0         |
| Battery - Simple     | 12        | 17        | 19        | 22        | 24        | 19        | 22        | 34        | 21        | 19        | 25        | 13        | 14        |
| Burglary             | 0         | 1         | 5         | 4         | 2         | 2         | 4         | 5         | 4         | 2         | 1         | 2         | 11        |
| Theft                | 17        | 21        | 20        | 27        | 15        | 19        | 26        | 22        | 37        | 29        | 45        | 28        | 20        |
| Motor Vehicle Theft  | 3         | 1         | 2         | 0         | 0         | 1         | 2         | 1         | 3         | 1         | 2         | 0         | 1         |
| <b>TOTAL</b>         | <b>35</b> | <b>42</b> | <b>47</b> | <b>58</b> | <b>48</b> | <b>44</b> | <b>59</b> | <b>67</b> | <b>67</b> | <b>53</b> | <b>75</b> | <b>44</b> | <b>46</b> |



# Westfield Police Department

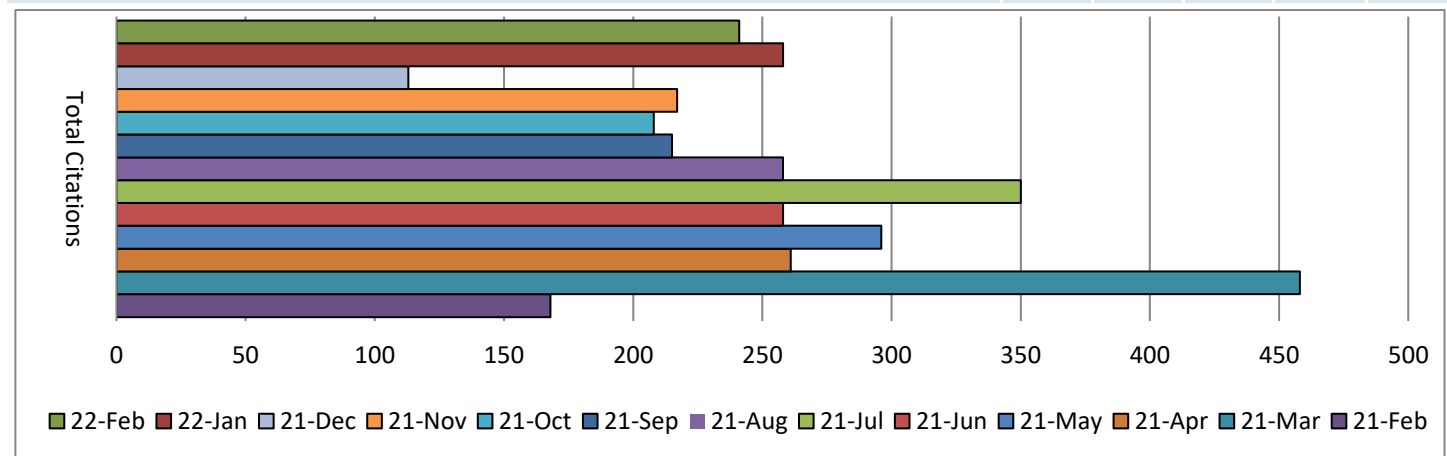
## February 2022

| Arrest Reports Taken  | 21-Feb    | 21-Mar    | 21-Apr    | 21-May    | 21-Jun    | 21-Jul    | 21-Aug    | 21-Sep    | 21-Oct    | 21-Nov    | 21-Dec    | 22-Jan    | 22-Feb    |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Alcohol/ Drug Related | 26        | 34        | 13        | 31        | 19        | 21        | 33        | 28        | 19        | 22        | 28        | 25        | 33        |
| Felony Charges        | 44        | 35        | 63        | 35        | 20        | 34        | 40        | 32        | 26        | 34        | 26        | 15        | 25        |
| Misdemeanor Charges   | 75        | 124       | 85        | 88        | 59        | 78        | 80        | 78        | 83        | 74        | 75        | 67        | 92        |
| <b>Total Arrests</b>  | <b>60</b> | <b>74</b> | <b>49</b> | <b>77</b> | <b>55</b> | <b>63</b> | <b>63</b> | <b>78</b> | <b>67</b> | <b>61</b> | <b>64</b> | <b>49</b> | <b>71</b> |



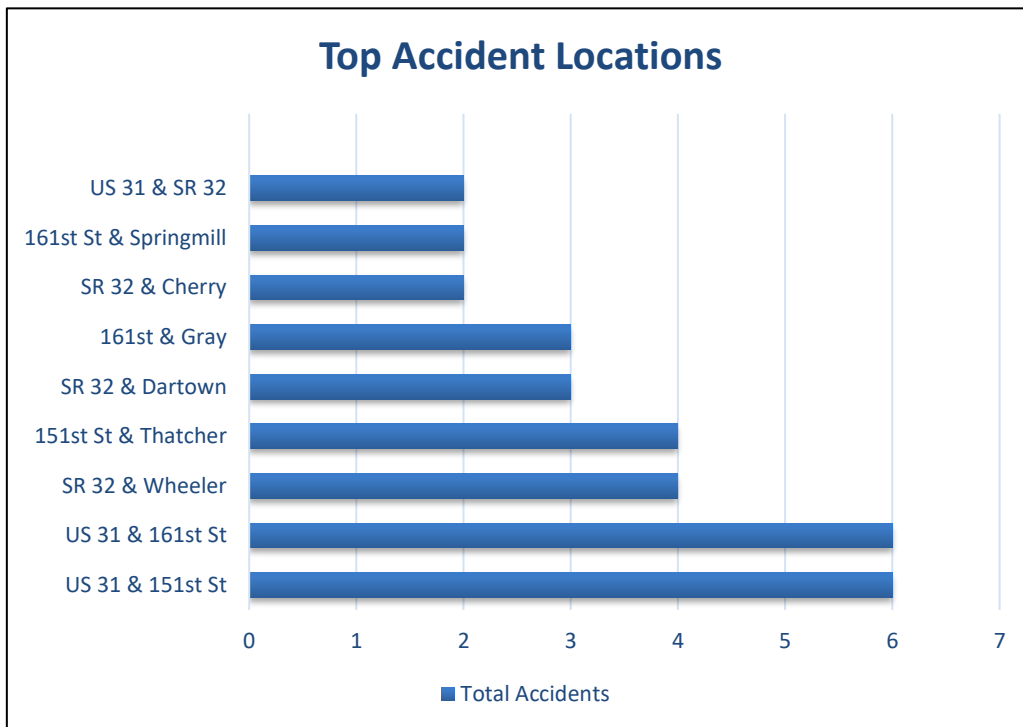
| Traffic                        | 21-Feb    | 21-Mar    | 21-Apr    | 21-May    | 21-Jun    | 21-Jul    | 21-Aug    | 21-Sep    | 21-Oct    | 21-Nov    | 21-Dec    | 22-Jan    | 22-Feb    |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Total Citations</b>         | 168       | 458       | 261       | 296       | 258       | 350       | 258       | 215       | 208       | 217       | 113       | 258       | 241       |
| <b>Total Written Warning</b>   | 604       | 1184      | 1118      | 1048      | 1027      | 1553      | 1158      | 956       | 971       | 1161      | 788       | 1225      | 1225      |
| <b>Total Traffic Accidents</b> | <b>54</b> | <b>49</b> | <b>52</b> | <b>66</b> | <b>98</b> | <b>54</b> | <b>71</b> | <b>69</b> | <b>78</b> | <b>81</b> | <b>84</b> | <b>75</b> | <b>80</b> |
| Property Damage                | 50        | 45        | 47        | 56        | 82        | 48        | 60        | 59        | 69        | 76        | 77        | 75        | 67        |
| Personal Injury                | 4         | 4         | 5         | 10        | 16        | 6         | 11        | 10        | 9         | 5         | 7         | 0         | 13        |
| Fatality                       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Hit and Run*                   | 4         | 10        | 6         | 9         | 10        | 4         | 11        | 6         | 15        | 6         | 8         | 10        | 9         |

\*numbers included in property damage, personal injury, and fatality accidents



Westfield Police Department  
February 2022

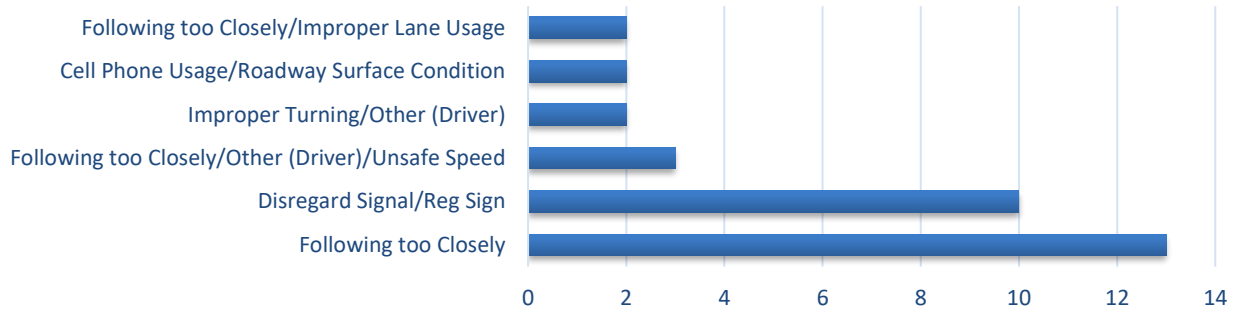
| Top Accident Locations |                 |                                                   |
|------------------------|-----------------|---------------------------------------------------|
| Accident Location      | Total Accidents | Primary Cause                                     |
| US 31 & 151st St       | 6               | Disregard Signal/Reg Sign                         |
| US 31 & 161st St       | 6               | Following too Closely                             |
| SR 32 & Wheeler        | 4               | Following too Closely                             |
| 151st St & Thatcher    | 4               | Disregard Signal/Reg Sign                         |
| SR 32 & Dartown        | 3               | Following too Closely                             |
| 161st & Gray           | 3               | Following too Closely/Other (Driver)/Unsafe Speed |
| SR 32 & Cherry         | 2               | Improper Turning/Other (Driver)                   |
| 161st St & Springmill  | 2               | Cell Phone Usage/Roadway Surface Condition        |
| US 31 & SR 32          | 2               | Following too Closely/Improper Lane Usage         |



Westfield Police Department  
February 2022

| Primary Cause                                     | Sum of Total Accidents |
|---------------------------------------------------|------------------------|
| Following too Closely                             | 13                     |
| Disregard Signal/Reg Sign                         | 10                     |
| Following too Closely/Other (Driver)/Unsafe Speed | 3                      |
| Improper Turning/Other (Driver)                   | 2                      |
| Cell Phone Usage/Roadway Surface Condition        | 2                      |
| Following too Closely/Improper Lane Usage         | 2                      |

**Sum of Total Accidents by Primary Cause, based on Top  
Accident Locations**



Westfield Police Department  
February 2022

Community Events

|         |                     |
|---------|---------------------|
| 2/18/22 | Girl Scout PD Visit |
|         |                     |
|         |                     |
|         |                     |
|         |                     |
|         |                     |

AGREEMENT FOR SERVICES  
BY AND BETWEEN

STREETSCAN, INC.  
AND

CITY OF WESTFIELD, INDIANA

THIS AGREEMENT is made this \_\_\_\_\_ day of \_\_\_\_\_, 2022, by and between the City of Westfield IN, with offices at 2728 East 171<sup>st</sup> Street, Westfield, IN 46074 hereinafter called the MUNICIPALITY and STREETSCAN, INC., with offices at 603 Salem Street, Wakefield, MA 01880, hereinafter called STREETSCAN (together the “PARTIES”).

WITNESSETH, for the consideration hereinafter set forth, the parties hereto agree as follows:

ARTICLE 1 - ENGAGEMENT OF STREETSCAN

The MUNICIPALITY hereby engages STREETSCAN, and STREETSCAN hereby accepts the engagement to perform certain pavement inspection and management services for the MUNICIPALITY.

ARTICLE 2 - SCOPE OF SERVICES

The Scope of Services will be performed in accordance with STREETSCAN’S proposal to the MUNICIPALITY submitted the 17<sup>th</sup> day of February 2022 (herein referred to as the “PROJECT”) attached hereto as Exhibit C and showing a list of purchased services in the table in section 5.1.

This AGREEMENT represents the full and complete agreement between the PARTIES. Terms and conditions may be changed, or additional terms added only by written amendment to this AGREEMENT signed by both PARTIES.

ARTICLE 3 - RESPONSIBILITIES OF THE MUNICIPALITY

The MUNICIPALITY, without cost to STREETSCAN, shall do the following in a timely manner so as not to delay the services of STREETSCAN:

- 3.1 Designate in writing a person to act as the MUNICIPALITY’s representative with respect to work to be performed under this AGREEMENT, such person to have complete authority to transmit instructions, receive information, interpret, and define the MUNICIPALITY’s policies and decisions with respect to materials, equipment elements and systems pertinent to the work covered by this AGREEMENT.
- 3.2 The MUNICIPALITY’s representative will coordinate with officials and other MUNICIPALITY employees who have knowledge of pertinent conditions and will confer

with STREETSCAN regarding both general and special considerations relating to the PROJECT.

- 3.3 Assist STREETSCAN by placing at STREETSCAN'S disposal all available information pertinent to the PROJECT or requested by STREETSCAN including previous reports and other historical data relative to design or construction of the roadways in the MUNICIPALITY.
- 3.4 Arrange for access to and make all provisions for STREETSCAN to enter upon public and private lands as required for STREETSCAN to perform its work under this AGREEMENT. If the selected service contains sidewalks the MUNICIPALITY is responsible for clear access. Objects such as debris, trash, trash cans, etc. have to be removed for clear access as it will affect the quality of the service.
- 3.5 Furnish STREETSCAN all needed topographic, property, boundary and right-of-way maps. Data provided in standard GIS file formats are preferred.

We require a target road GIS layer with segmentation, either from the client or from the State DOT. If neither is available, we can create it from a list of target roads from intersection to intersection or as otherwise directed, charging STREETSCAN's standard engineering billing rates attached hereto as Exhibit A. If MUNICIPALITY requests a different segmentation after the processing has begun, results will be delayed, and STREETSCAN will charge engineering rate for implementing the segmentation change.

STREETSCAN will use MUNICIPALITY's pavement maintenance methods and pricing for the pavement maintenance plan, if it is provided by the end of the data collection. Otherwise we'll use our default pavement maintenance methods and pricing. Subsequent changes are billed at STREETSCAN's standard engineering billing rates.

- 3.6 Cooperate with and assist STREETSCAN in all additional work that is mutually agreed upon.
- 3.7 Pay STREETSCAN for work performed in accordance with the terms specified herein.

#### ARTICLE 4 - TIME OF PROJECT

STREETSCAN will initiate work under this AGREEMENT following formal acceptance of this AGREEMENT by the MUNICIPALITY. STREETSCAN agrees to provide services described herein in a timely manner. The PARTIES recognize that the services being provided by STREETSCAN are subject to impact by weather, labor, fire, construction, and technological issues that may cause delays during the pavement inspection period. STREETSCAN agrees to use its best efforts to avoid delays.

#### ARTICLE 5 - PAYMENTS TO STREETSCAN

- 5.1 Fees. For services performed under this AGREEMENT, the MUNICIPALITY agrees to pay STREETSCAN the total amount set forth in the Sales Order attached hereto as Exhibit

B, subject to the revisions directed by paragraph 5.2, based on those services selected by the MUNICIPALITY as set forth in the Sales Order after review of the proposal.

- 5.2 Reconciliation. The parties hereby acknowledge that the total amount set forth in Exhibit B may be subject to adjustment based on the actual quantities surveyed, which will not be known until STREETSCAN'S field work is complete. MUNICIPALITY agrees to pay for all services set forth in Exhibit B based on the actual quantities surveyed, whether more or less than set forth above or estimated in the proposal.
- 5.3 Monthly Payment. Fees for this PROJECT shall be billed monthly as they accrue based upon the services performed or other agreed upon milestones. The MUNICIPALITY agrees to make payment to STREETSCAN upon receipt of the monthly invoice.
- 5.5 Remedies. If the MUNICIPALITY fails to make any payment due STREETSCAN for services and expenses within thirty (30) days after receipt of STREETSCAN's statement therefor, STREETSCAN may, after giving seven (7) days' written notice to the MUNICIPALITY, suspend services under this AGREEMENT. Unless payment is received by STREETSCAN within seven (7) days of the date of the notice, the suspension shall take effect without further notice. In the event of a suspension of services, STREETSCAN shall have no liability to the MUNICIPALITY for delay or damage caused the MUNICIPALITY because of such suspension of services.
- 5.6 Costs of Collection. The MUNICIPALITY agrees to pay all collection related costs that STREETSCAN incurs enforcing the terms of this AGREEMENT, .

## ARTICLE 6 - GENERAL PROVISIONS

### 6.1 Standard of Care

The services provided by STREETSCAN shall be performed in accordance with generally accepted professional practice consistent with that degree of skill and care ordinarily exercised by similar professionals performing similar services under the same or similar circumstances and conditions. STREETSCAN makes no other representations or warranties, whether expressed or implied, with respect to the services rendered hereunder.

### 6.2 Risk Allocation/Limitation of Liability

6.2.1 STREETSCAN is not responsible for any delay, disruption or liabilities caused by the failure or the inability of any state, federal, local, or other authority to review or take other appropriate action on a timely basis with respect to services performed by STREETSCAN under this AGREEMENT.

6.2.2 STREETSCAN shall be liable only to the extent that its gross negligence is the proximate cause of any injury or damage to the MUNICIPALITY. In the event that STREETSCAN is adjudicated or otherwise found to be jointly negligent, STREETSCAN'S liability shall be limited to the proportion or degree of its actual

negligence, and recovery against STREETSCAN shall be limited to STREETSCAN'S percentage share of the joint negligence as applied against the total amount recoverable.

### 6.3 Dispute Resolution

This Agreement shall be deemed to have been made in Indiana and the validity, interpretation and performance of this Agreement shall be governed by and construed in accordance with the substantive law of Massachusetts, excluding, however, such laws as pertain to conflicts of law. STREETSCAN and the MUNICIPALITY forever renounce and waive their right to a trial by jury with respect to any demand, claim or counterclaim arising under this Agreement. Except for claims for injunctive relief, STREETSCAN and the MUNICIPALITY agree that all other claims, disputes and controversies between them arising under this Agreement shall be finally resolved by binding arbitration conducted by the American Arbitration Association, or such other person or arbitration service as the parties mutually agreed upon. Either STREETSCAN or the MUNICIPALITY may demand arbitration by providing the other party 10 days' notice that notifying party is filing for arbitration. All arbitration proceedings will take place in Indianapolis, Indiana . The arbitrator(s) may grant compensatory damages and costs to the prevailing party (but not punitive or exemplary damages) and that the costs of arbitration shall be borne equally by STREETSCAN and the MUNICIPALITY, except that STREETSCAN and the MUNICIPALITY shall bear their own attorneys' fees. This right to arbitration will not preclude or affect in any manner the rights of STREETSCAN to equitable relief hereunder.

### 6.4 Governing Law

The AGREEMENT shall be governed by and interpreted in accordance with the laws of the State of Indiana.

### 6.5 Comprehensive General Liability Insurance

STREETSCAN shall secure and maintain, for the duration of this PROJECT, the following Comprehensive General Liability Insurance policy or policies at no cost to the MUNICIPALITY.

With respect to the operations STREETSCAN performs STREETSCAN shall carry:

Comprehensive General Liability Insurance providing a combined single limit of One Million Dollars (\$1,000,000) for bodily injuries, death, and property damage to others with a Two Million Dollars (\$2,000,000) General Aggregate.

### 6.6 Automobile Liability Insurance

STREETSCAN shall secure and maintain for the duration of this PROJECT, Automobile Liability Insurance covering the operation of all motor vehicles, including those hired or borrowed, used by STREETSCAN in connection with this AGREEMENT, in the following amount:

- 6.6.1 Not less than Five Hundred Thousand Dollars (\$500,000) for all damages arising out of bodily injuries to or death of one person and subject to that limit for each person, a total limit of Five Hundred Thousand Dollars (\$500,000) for all damages arising out of bodily injuries to or death of two or more persons in any one accident or occurrence, and
- 6.6.2 Not less than One Million Dollars (\$1,000,000) for all damages arising out of injury to or destruction of property in any one accident or occurrence.

6.7 Workers Compensation Insurance Coverage

- 6.7.1 STREETSCAN shall maintain statutory Worker's Compensation insurance coverage for all of its employees at the PROJECT as required by the Commonwealth of Massachusetts.
- 6.7.2 If the MUNICIPALITY is located outside of the Commonwealth of Massachusetts, STREETSCAN agrees to obtain statutory Worker's Compensation insurance coverage for all of its employees at the PROJECT, if any, as required by the laws of the state where the work is performed.

6.8 Non-Discrimination In Employment – STREETSCAN

---

E-Verify. Pursuant to Ind. Code § 22-5-1.7-11, STREETSCAN, by entering into the Contract with the MUNICIPALITY, is required to enroll in and verify the work eligibility status of all of its newly hired employees through the E-Verify program. STREETSCAN is not required to verify the work eligibility status of all of its newly hired employees through the E-Verify program if the E-Verify program no longer exists. STREETSCAN hereby states that it does not knowingly employ an unauthorized alien. STREETSCAN further affirms that, prior to entering into the Contract with the MUNICIPALITY, it will enroll in and agrees to verify the work eligibility status of all its newly hired employees through the E-Verify program.

Non-Discrimination. STREETSCAN agrees that it, and its subcontractors, will not discriminate against any employee or applicant for employment to be employed in the performance of this Contract, with respect to the employee's hire, tenure, terms, conditions or privileges or employment, or any matter directly or indirectly related to employment, because of the employee's race, religion, color, sex, disability, national origin, or ancestry. Breach of this covenant may be regarded as a material breach of the Contract.

#### 6.9 Precedence

These Terms and Conditions shall take precedence over any inconsistent or contradictory provisions contained in any proposal, contract, purchase order, requisition, notice to proceed, or like document regarding STREETSCAN'S services.

#### 6.10 Severability

If any of these Standard Terms and Conditions shall be finally determined to be invalid or unenforceable in whole or part, the remaining provisions hereof shall remain in full force and effect, and be binding upon the parties hereto. The parties agree to reform this AGREEMENT to replace any such invalid or unenforceable provision with a valid enforceable provision that comes as close as possible to the intention of the stricken provision.

#### 6.11 Survival

ARTICLE 6 shall survive the completion of services under this AGREEMENT and the termination of this AGREEMENT for any cause.

#### 6.12 Force Majeure

Neither MUNICIPALITY nor STREETSCAN shall be considered in default in the performance of its obligations hereunder if such obligations were prevented or delayed by any cause beyond the reasonable control of the party which include, but are not limited to acts of God, labor disputes, or civil unrest.

The party affected by force majeure shall inform the other parties in writing regarding the particulars of the event of force majeure, and shall, within fifteen (15) days from the occurrence of such event, provide a report to the other parties explaining the reason for which the obligations cannot be performed in whole or in part and delayed performance is necessary and the proposed remedy.

### ARTICLE 7 - TERMINATION

7.1 Subject to the terms set forth in Article 5.5 above, the obligation to provide further services under this AGREEMENT may be terminated by either party upon thirty days' written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.

7.2 If the PROJECT is suspended or abandoned in whole or in part for more than three months, STREETSCAN shall be compensated for all services performed prior to receipt of written notice from the MUNICIPALITY of such suspension or abandonment, together with other direct costs then due and all Termination Expenses as defined in Paragraph 7.3. If the PROJECT is resumed after being suspended for more than three months, the PARTIES agree that STREETSCAN'S compensation shall be adjusted to the market rates for the services selected by the MUNICIPALITY at the time the PROJECT is resumed.

- 7.3 In the event of termination by the MUNICIPALITY under Paragraph 7.1 upon the completion of any phase of the PROJECT, progress payments due STREETSCAN for services rendered through such phase constitute payment for such services. In the event of any such termination, STREETSCAN will be paid for all unpaid services and unpaid other direct costs,

#### ARTICLE 8 - OWNERSHIP AND USE OF DOCUMENTS

- 8.1 MUNICIPALITY shall retain ownership of all processed work product including, but not limited to, field data, analyses, calculations, notes and other records relating to the project prepared by STREETSCAN.
- 8.2 Following delivery of final results, MUNICIPALITY will be able to access all results for a period of one year from the date of delivery. MUNICIPALITY will be able to export the data at any time. STREETSCAN agrees to maintain the MUNICIPALITY'S web-based Streetlogix portal for their access and will maintain a backup version of the data onsite and through cloud-based services. MUNICIPALITY'S initial license for this access is active for 1 year and sold with the initial proposal.
- 8.3 At the conclusion of the one-year period referenced in 8.2, MUNICIPALITY has the option to renew its access subscription on an annual basis. Renewals are good for one (1) year and must be paid in a one-time payment made at the beginning of the renewal term. STREETSCAN reserves the right to withhold access pending receipt of the renewal payment. Renewal pricing is based on the surveyed lane miles and is subject to adjustment for inflation based on the most recent annual Consumer Price Index for All Urban Consumers (CPI-U) in the Indianapolis, IN area. Any and all renewals will be handled by the execution of an additional subscription agreement. The renewal period will not begin until payment is received by STREETSCAN. Renewals may be made as long as the MUNICIPALITY desires access to the data. Non-payment of the renewal notice, once the renewal has begun, will lead to removal of the web-based portal from STREETSCAN'S server and termination of MUNICIPALITY'S access to their data.

#### ARTICLE 9 – CONFIDENTIALITY

MUNICIPALITY agrees not to disclose any of STREETSCAN'S confidential or proprietary information to any person unless requested in writing from STREETSCAN and approved in writing by STREETSCAN, and agrees to bind its employees, officers, and agents to this same obligation.

#### ARTICLE 10 – SOLE REMEDY

Notwithstanding anything to the contrary contained herein, MUNICIPALITY and STREETSCAN agree that their sole and exclusive claim, demand, suit, judgment, or remedy against each other shall be asserted against each other's corporate entity and not against each other's shareholders, directors, officers, or employees.

ARTICLE 11 – NON-APPROPRIATION

**Non-Appropriation.** The Parties acknowledge that the MUNICIPALITY is a governmental entity whose funds are subject to appropriation by its fiscal body. Therefore, if at any time during the initial term or subsequent term of this representation, the MUNICIPALITY’S fiscal body should fail to appropriate sufficient funds to continue this representation, it will become null and void. The MUNICIPALITY shall not be obligated to perform unless and until sufficient funds are appropriated. The MUNICIPALITY agrees to seek funding for the continuation of the representation during each budget cycle during the initial term or subsequent term of this representation. The MUNICIPALITY agrees to inform STREETSCAN INC., in writing of any such non-allocation of funds at the earliest possible date, and shall pay for all services provided prior to exhaustion of the appropriated funds.

IN WITNESS WHEREOF, the parties hereto have executed this AGREEMENT the day and year first above written.

ACCEPTED FOR  
STREETSCAN, INC.

CITY OF WESTFIELD, INDIANA

By Its *Jon-Erik Dillon*  
Jon-Erik Dillon, CEO

By: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## EXHIBIT A

| <b>StreetScan 2022 Rates</b> | <b>\$/Hourly</b> |
|------------------------------|------------------|
| Project Manager              | \$150            |
| Customer Success Manager     | \$150            |
| GIS Manager                  | \$100            |
| GIS Technician               | \$85             |
| Field Technician             | \$60             |
| QC Technician                | \$45             |

# SALES ORDER | PAVEMENT SERVICES

Sales Order Number  
Municipality  
Sales Rep  
Agreement for Services Date

BE-PMT-  
City of Westfield, Indiana  
Bill Eddy



| PAVEMENT MANAGEMENT               |                         |                  |       |          |
|-----------------------------------|-------------------------|------------------|-------|----------|
|                                   | SERVICES INCLUDED       | CENTERLINE MILES | \$/mi | TOTAL    |
| Pavement Management Services      | ScanCar Data Collection | 265 mi           | \$150 | \$39,750 |
|                                   | Data Processing         |                  |       |          |
|                                   | Data Delivery           |                  |       |          |
| Mobilization & Setup Cost <fixed> |                         |                  |       | \$5,676  |
| TOTAL                             |                         |                  |       | \$45,426 |
| Enhanced Visualization Package    | CL-M                    | 265              | \$4   | \$1,060  |
| TOTAL - A LA CARTE Services       |                         |                  |       | \$1,060  |
| TOTAL PAVEMENT SERVICES SELECTED  |                         |                  |       | \$46,486 |

## PAYMENT TERMS

| UPON COMPLETION OF                      | PROGRESS PAYMENT | OF FEES FOR                    | NET PAYMENT     |
|-----------------------------------------|------------------|--------------------------------|-----------------|
| ScanCar Data Collection                 | 100%             | Mobilization & Setup Cost      | \$5,676         |
| ScanCar Data Collection                 | 50%              | Pavement Management Services   | \$19,875        |
| Data Processing                         | 40%              | Pavement Management Services   | \$15,900        |
| Data Delivery                           | 10%              | Pavement Management Services   | \$3,975         |
| Enhanced Visualization Package          | 100%             | Enhanced Visualization Package | \$1,060         |
| <b>TOTAL PAVEMENT SERVICES SELECTED</b> |                  |                                | <b>\$46,486</b> |

ACCEPTED FOR:  
STREETSCAN INC

*Jon Erik Dillon*  
Jon Erik Dillon, CEO

Date: Feb. 18th 2022

ACCEPTED BY:  
City of Westfield, Indiana

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date: \_\_\_\_\_

# SALES ORDER | STREETLOGIX SERVICES

Sales Order Number

BE-SLX-

Municipality

City of Westfield, Indiana

Sales Rep

Bill Eddy

Agreement for Services Date



## STREETLOGIX

|                                     | SERVICES INCLUDED       | POPULATION |         | TOTAL    |
|-------------------------------------|-------------------------|------------|---------|----------|
| ASSET MANAGEMENT MODULE             | Annual Software License | 46,410     |         | \$7,500  |
| Implementation Services (One-Time)  |                         | <fixed>    |         | \$5,000  |
| TOTAL                               |                         |            |         | \$12,500 |
| Data Hosting & Support              | Fixed                   | 1          | \$1,000 | \$1,000  |
| TOTAL - A LA CARTE Services         |                         |            |         | \$1,000  |
| TOTAL STREETLOGIX SERVICES SELECTED |                         |            |         | \$13,500 |

## PAYMENT TERMS

| UPON COMPLETION OF                         | PROGRESS PAYMENT | OF SERVICE                         | PAYMENT AMOUNT  |
|--------------------------------------------|------------------|------------------------------------|-----------------|
| Execution of License Agreement             | 50%              | ASSET MANAGEMENT MODULE            | \$3,750         |
| Software Implementation                    | 50%              | ASSET MANAGEMENT MODULE            | \$3,750         |
| Software Implementation                    | 100%             | Implementation Services (One-Time) | \$5,000         |
| Data Hosting & Support                     | 100%             | Data Hosting & Support             | \$1,000         |
| <b>TOTAL STREETLOGIX SERVICES SELECTED</b> |                  |                                    | <b>\$13,500</b> |

ACCEPTED FOR:  
STREETSCAN INC

*Jon-Erik Dillon*  
Jon-Erik Dillon, CEO

Date: Feb. 18th 2022

ACCEPTED BY:  
City of Westfield, Indiana

Date:



## **Automated Asset Management Proposal**

Westfield, Indiana

February 17, 2022

## **Proposal for the City of Westfield**

**Prepared for:**

**Jeremy Lollar**

**Director of Public Works**

**City of Westfield**

2728 East 171<sup>st</sup> Street

Westfield, IN 46074

317-804-3195

**Prepared by:**

**StreetScan Inc.**

603 Salem Street

Wakefield, MA 01880

617.399.8236

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February 17, 2022

Jeremy Lollar, Director of Public Works  
City of Westfield  
2728 East 171<sup>st</sup> Street  
Westfield, IN 46074

Thank you for your interest in StreetScan. Municipalities worldwide are faced with aging infrastructure and limited budget resources to repair and maintain them. Having the ability to monitor the health of your street network through an abundance of data collected via multiple vehicle-mounted sensors allows your staff to properly allocate repair and maintenance budgets. This is now made possible in an affordable, objective way utilizing StreetScan's advanced mobile sensing vehicle and online web-based app.

Our service offering includes:

- Data Collection: vehicle survey of paved lane miles.
- Data Processing of pavement condition and assets.
- Data Visualization: pavement monitoring system including StreetScan's Pavement Rating (SPR) Report.
- Pavement Management Plan: maintenance and budget options, suggestions and scenarios; optional cloud-based access with robust interactive planning and budgeting tools.

Also available (see Appendices for more details):

- 360° imagery Viewer
- Optional asset extractions including pavement markings, traffic signs, utility assets, street lighting, sidewalks, curbs, trees, etc.

On behalf of the team at StreetScan, we are pleased to submit this proposal for your review. We strive to be as accurate as possible in our initial projections and cost estimates, and look forward to meeting with you soon to discuss any questions you may have.

Yours truly,



William Eddy  
Account Manager

## 1.ABOUT US

At StreetScan, we come to work each day because we want to solve our clients' biggest problems when it comes to monitoring their street assets. We have a Smart City Mobile Sensing Service Offering targeted at providing clients with an intelligent, objective and affordable way to manage those assets.

Throughout the history of business, people have used data to make more informed decisions. StreetScan enables exactly this for our municipal clients.

Municipalities no longer have to send inspectors into the field for pavement surveys. Now, they can leverage the power of data to improve their decision-making abilities.

This all came about as a result of a 2009 groundbreaking project at Northeastern University that received more than \$18 million in funding over a 5-year period. This stamp of approval was due to the power of the project to end localized pavement inspections and enable continuous network-wide health monitoring of roadways.

What kind of technology made this possible? Versatile Onboard Traffic Embedded Roaming Sensors (VOTERS). A framework, prototype and blueprint were successfully designed and developed, and in 2015, StreetScan was launched as a spin-off of the project. It is our comprehensive, advanced hardware and software turn-key solution that distinguishes us from the competition. More importantly, it provides street asset monitoring at a reasonable cost for our clients.

2017 saw the emergence of our current Smart City Service Offering and we have combined this service with our pavement management offering. Clients save time, money and no longer require additional field surveys. Our ScanCars can enable municipalities and other clients to extract and monitor critical assets such as pavement condition, traffic signage, pavement markings, streetlights and other transportation infrastructure assets.

We embrace progress. In 2018, StreetScan launched Streetlogix. This extensively customizable, web-based GIS asset management software has changed the landscape for municipalities. Municipalities can now optimize their budget within a user-friendly GIS environment. The system provides objective information on the current state of their infrastructure and makes maintenance and repair recommendations, including the prioritization of roadway projects. Using unprecedented data visualization and budget optimization tools, our clients have been creating defensible data-driven Capital Improvement Plans while successfully justifying their budgeting requests.

The most important thing you need to know about StreetScan is our data-driven approach. It will change the way you monitor your street assets – for the better and for the future.



**Powered by AI**



## 2. OUR TEAM



**William Eddy – Sr. Account Manager** – William is an experienced Sales Professional and Smart City Solutions provider. He has been working with Municipalities in the Eastern US for over 10 years assisting cities in the deployment of cutting-edge, data-driven solutions to improve operations and create efficiencies. Bill has worked with industry leaders such as Bigbelly and Enevo. He is a graduate of the University of Massachusetts and resides in New England.



**David M. Vines – Sr. Project Manager** – David will provide project management leadership for the road condition assessment of the municipal road network. As the primary point of client contact, David will coordinate the project from the kickoff meeting to project delivery. He will provide geotechnical support for route creation, results publishing and end-user training on software functionality. David joined StreetScan as a Research and Development Engineer and was instrumental in the initial setup of the firm. He received his Ph.D. in Civil Engineering and a MS in Structural Engineering from Northeastern University in Boston, MA, as well as a B.S. in Civil Engineering from Valparaiso University in Valparaiso, IN.



**Kathy Zarrehparvar – Sr. Implementation Project Manager** – Kathy works closely with Streetlogix customers to successfully implement our software products. She manages projects from initiation to delivery and ensures that Streetlogix users are properly onboarded. Kathy brings 15 years' experience in project management, software implementation, and process improvements skills. She is well versed in understanding customers' needs and goals to help tailor solutions that optimize their operations and workflows. A Certified Project Management Professional, Kathy received her B.S. in Civil Engineering from the Eastern Mediterranean University in Northern Cyprus, and an Associate Certificate in Applied Web Development from the British Columbia Institute of Technology.



**Ivano Teti – Customer Success Manager, Streetlogix** – Ivano provides ongoing support to our customers from their onboarding of Streetlogix through the long term, ensuring they reach their goals for integrating asset management technologies to enhance their daily operations. He brings over 13 years' experience in sales and management, with a strong knowledge of the traffic, transit signal and detection industry. Prior to joining Streetlogix, Ivano managed accounts and inside sales at Electromega Ltd. where he provided adaptable and cost-efficient traffic solutions to Ontario municipalities alongside external partners such as Leotek, Siemens, and others. Ivano has completed management courses at Concordia University's John Molson School of Business in Montreal, QC.

### 3.THE STREETSCAN SYSTEM

StreetScan's automated data collection and algorithm-based roads prioritization software can help optimize your road budget and provide user-friendly analytics about the status of your roads and sidewalks.



#### Data Collection

StreetScan's vehicles equipped with multi-sensor systems detect pavement & sidewalk surface distresses without interrupting traffic flow.

#### Data Processing

Optimized algorithms evaluate and prioritize repairs of assets, including pavement, sidewalks, traffic signs, and more.

#### GIS Analytics

Collected data goes into Streetlogix, our unique **cloud-based application**, allowing municipalities to visualize and manage road assets in order to schedule maintenance within a user-friendly GIS environment.



## 4. STREETLOGIX SOFTWARE

### 4.1 ASSET MANAGEMENT SOFTWARE

Streetlogix's **Asset Management Module** is a cloud-based mapping, analysis, and decision-making tool for the public sector. Use it to create maps, analyze data and plan road repairs, sidewalk projects, traffic signs and right-of-way budgeting decisions. Your data and maps are stored in a secure and private infrastructure and can be configured to meet your mapping and IT requirements.

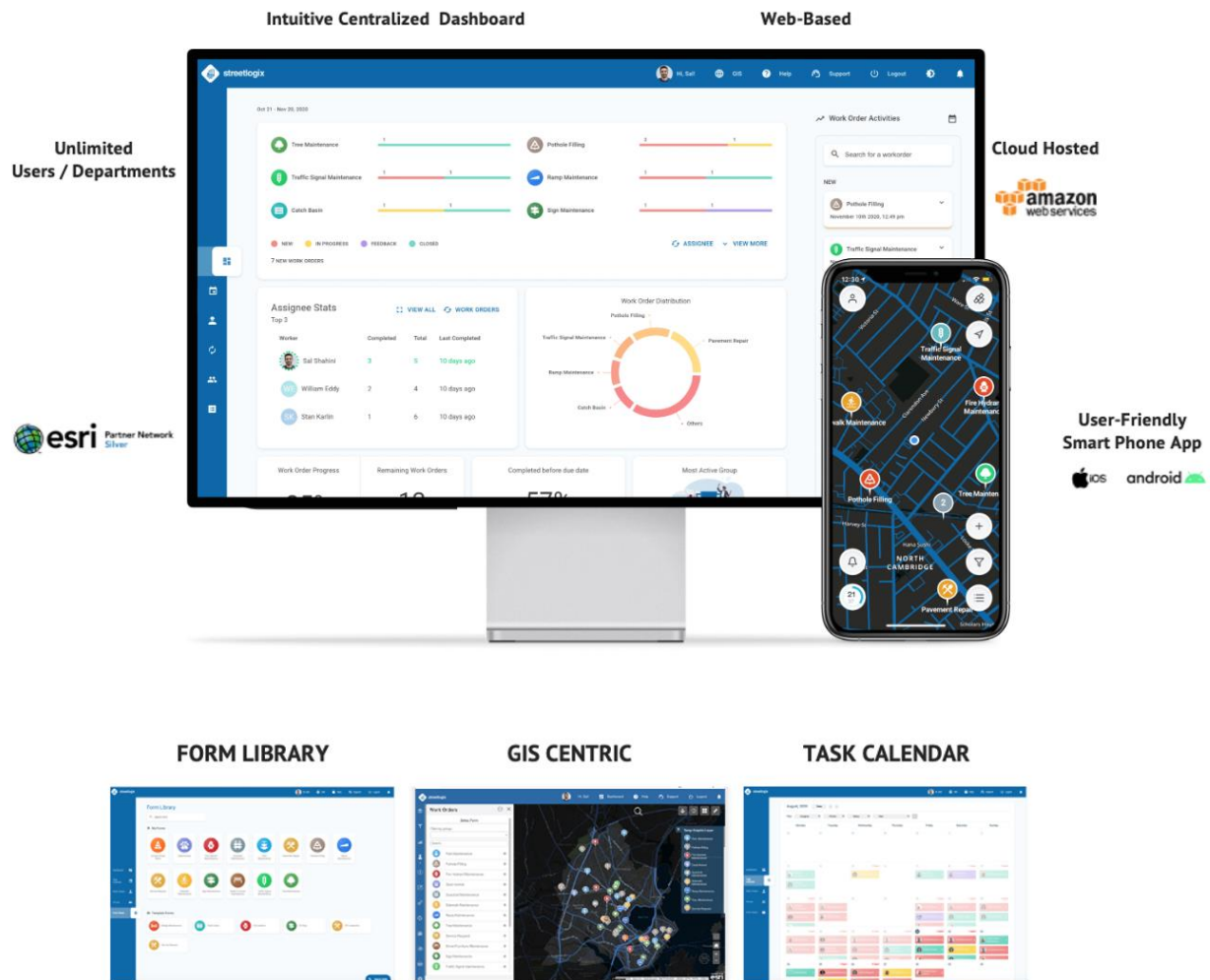
#### Asset Management Key Features:



## 4.2 WORK ORDER MANAGEMENT SYSTEM

Streetlogix's **Work Order Management System** brings greater organization, efficiency, and accountability to your task management planning, allowing you to effectively schedule, track and manage all work orders, as well as monitor work order performance metrics in a centralized dashboard. Plus, you can track and complete work orders in the field using our app on your mobile device.

### Work Order Key Features:



## 4.3 CITIZEN ENGAGEMENT APP

Streetlogix's **Citizen Engagement App** empowers your residents to submit service requests while enabling you to easily monitor the submissions. Our 311 application ensures your residents that each request is heard, acknowledged and tracked. It is simple to use, easy to set up, and allows automatic updates for residents on efforts to keep their community functioning. Streetlogix Citizen Engagement app helps you build a collaborative, transparent and stronger community.

### Resident Online Form:

The four screenshots illustrate the user flow of the NYC 311 Citizen App:

- Screenshot 1:** The 'Add location of issue' screen. It features a map of New York City with a red pin indicating the location. The address '5414 Fairmont Dr, Austin, TX 78745, USA' is entered. A sidebar on the right shows a list of 'Open Complaints' with details like location, issue type, and status.
- Screenshot 2:** The 'Enter details' screen. It prompts the user to 'Type of Complaint' and 'Describe the issue'. There is a section for 'Upload images' with a 'Choose files' button.
- Screenshot 3:** The 'Enter details' screen showing a list of complaint types: Catch Basin, Dead Animal, Light Fixture, Other, Park, Pipe Leakage, and Support. The 'Other' option is selected.
- Screenshot 4:** The 'Enter details' screen showing the 'First Name\*', 'Last Name\*', 'Email Address\*', 'Street Address', 'City', 'State', and 'Postal Code' fields. The 'First Name' field is filled with 'Your first name'.

### Layout Editor:

Seamless integration  
with Work Order App

The screenshot shows the 'Service Request' interface with a list of complaints. The table below represents the data shown in the interface:

| ID | Type          | Reported by   | Address                                              | Submission Date    | Status       | Source      |
|----|---------------|---------------|------------------------------------------------------|--------------------|--------------|-------------|
| 13 | Pipe Leakage  | Sally Shalini | 131 South 1st Street, Austin, TX, USA                | January 19, 2021   | New          | Call        |
| 4  | Other         | Sally Shalini | 2001 Touchstone St, Austin, TX 78703, USA            | December 22nd 2020 | In Progress  | Citizen App |
| 7  | ADA Ramp      | Sally Shalini | 1804 Vance Cir, Austin, TX 78701, USA                | December 22nd 2020 | New          | Citizen App |
| 4  | Bridge        | Ronan Kumar   | Atlantic Ocean                                       | December 16th 2020 | In Progress  | Citizen App |
| 5  | Support       | Ronan Kumar   | Senior de vil et malinage, Brussels, BE, JAL, Canada | December 16th 2020 | New          | Citizen App |
| 4  | Light Fixture | Ronan Kumar   | 1600 R. Montpelier, Laval, QC H7T 5A5, Canada        | December 16th 2020 | Acknowledged | Citizen App |

## 5. PRICING OVERVIEW

### 5.1 DATA COLLECTION (STREETSCAN)

| PAVEMENT MANAGEMENT                                                                                  |                         |                  |       |          |
|------------------------------------------------------------------------------------------------------|-------------------------|------------------|-------|----------|
|                                                                                                      | SERVICES INCLUDED       | CENTERLINE MILES | \$/CL | TOTAL    |
| <br>DATA COLLECTION | ScanCar Data Collection | 265 mi           | \$150 | \$39,750 |
|                                                                                                      | Data Processing         |                  |       |          |
|                                                                                                      | Processed Data Results  |                  |       |          |
| Mobilization and Setup Cost                                                                          |                         |                  |       | \$5,676  |
| TOTAL                                                                                                |                         |                  |       | \$45,426 |

## 5.2 SOFTWARE (STREETLOGIX)

| STREETLOGIX SOFTWARE MODULE PRICING                                                                             |                  |                   |                |                       |          |
|-----------------------------------------------------------------------------------------------------------------|------------------|-------------------|----------------|-----------------------|----------|
|  <b>streetlogix</b><br>MODULES | POPULATION       | ANNUAL<br>LICENSE | ANNUAL<br>DATA | IMPLEMENTATION<br>FEE | TOTALS   |
| <b>ASSET MANAGEMENT</b>                                                                                         | 47,923           | \$7,500           | \$1,000        | \$5,000               | \$13,500 |
| <b>USERS</b>                                                                                                    | <b>UNLIMITED</b> |                   |                |                       |          |

## 5.3 OPTIONAL SERVICES AND ASSETS

One of our unique advantages is the ability for our clients to extract, assess and obtain actionable data from other Municipal assets utilizing the same data collected for the Pavement Management Survey. Below is a list of additional assets we can process from the collected data. This is set up as an a-la-carte menu so you can pick and choose the assets to meet your asset management needs.

| Assets                                                                              | Unit<br>L=Lane<br>CL=Centerline | QTY<br>(est.) | Price<br>(\$/Unit) | STANDARD |
|-------------------------------------------------------------------------------------|---------------------------------|---------------|--------------------|----------|
| <b>Assets Extracted from ScanCar Dataset (Pavement Management Service Required)</b> |                                 |               |                    |          |
| 360 Degree Imagery Package                                                          | CL-M                            | 265           | *\$4               | *\$1,060 |

\*Price reduced by 80% for 360 package. Contingent on contract execution after the next Board of Public Works & Safety meeting, February 23.

Total price for this project for Westfield is: \$59,986

# Annex

## APPENDIX A – SCOPE OF WORK AND DELIVERABLES

### ROAD AND SIDEWALK ASSESSMENT SERVICE

StreetScan offers a technology-based Pavement Management approach for continuous health monitoring of your road network. Combining years of R&D at Northeastern University, StreetScan's vehicles and web-based app Streetlogix save you time and make your repair dollars go further. We have developed a 4-step process to effectively Scan, Process and Manage your road data.

#### STEP 1: DATA COLLECTION

##### Roads

Vehicle Deployed: ScanCar



StreetScan utilizes 3D imaging technology to measure road defects, such as cracking and bumps. The 3D imaging cameras provide a 8' (2.4m) of lateral road coverage and seamless road coverage in the direction of travel at speeds up to 65 mph (72kph). A 360 degree camera system provides imagery of the road surface and ROW. An Inertial Measurement Unit (IMU) enabled GNSS position system provides position location, even in the event of intermittent GPS satellite coverage.

##### Sidewalks

Vehicle Deployed: ScanCarts



StreetScan has developed a technology stroller-based approach which captures all the necessary distress & ADA data. We currently have 5 Carts in our fleet. StreetScan utilizes 2D imaging technology to measure sidewalk defects, such as Uplifts, Bumps, Holes, Cracking & Surface Texture. An IMU mounted on the cart measures tilt, slope & accelerations. A laptop computer is used for controlling data collection. An encoder on each wheel of the ScanCart's rear wheels provides accurate linear displacement along with a GPS, providing position information.

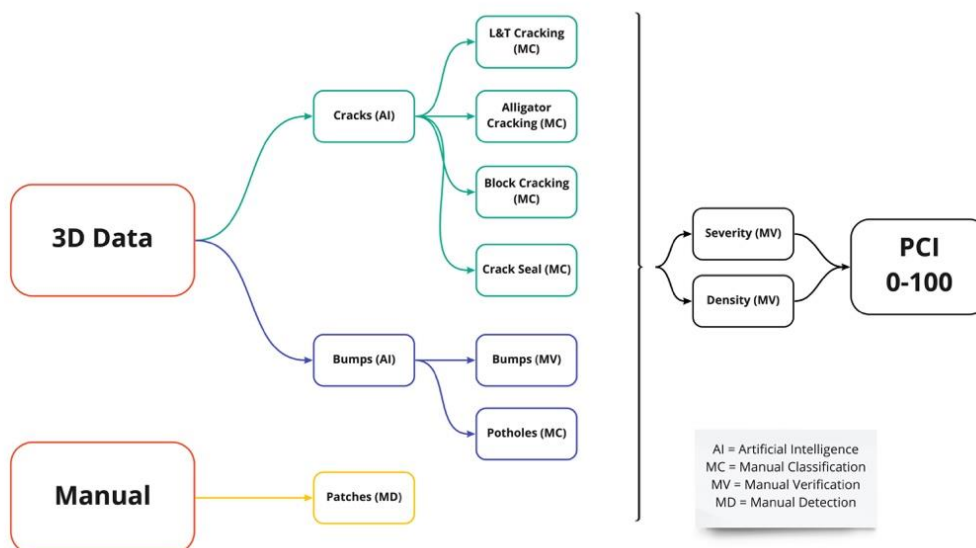
## STEP 2: DATA EXTRACTION

### Roads

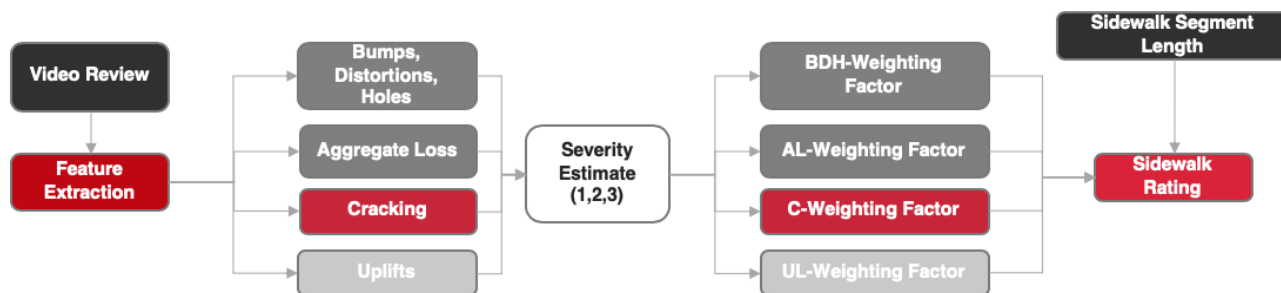
The collected data (TBs/day) is uploaded to the StreetScan server, where automated software processes the raw sensor data. Using advanced processing algorithms, the sensors' raw data is converted into meaningful parameters representing different aspects of pavement condition. Several of our key indicators are fused to determine the **StreetScan Pavement Rating (PCI)** for each road segment. StreetScan's GIS specialists segment the pavement evaluation data from intersection to intersection and populate the database allocated to the segment.

### Sidewalks

StreetScan's basic approach uses a weighted failures scheme per linear distance for a given sidewalk segment. Individual failure or feature types are given various weightings depending on their contribution to perceived sidewalk condition. As an example, an uplift is considered to have more impact to the sidewalk quality than aggregate loss, so it is given a greater weighting in the rating formula.



### Sidewalk Algorithm



## STEP 3: DATA VISUALIZATION AND ANALYTICS

### Roads

Municipal staff will be given access to Streetlogix, our GIS web-based application, in order to view and analyze all collected survey data in addition to data from other sources to assist in decision making.

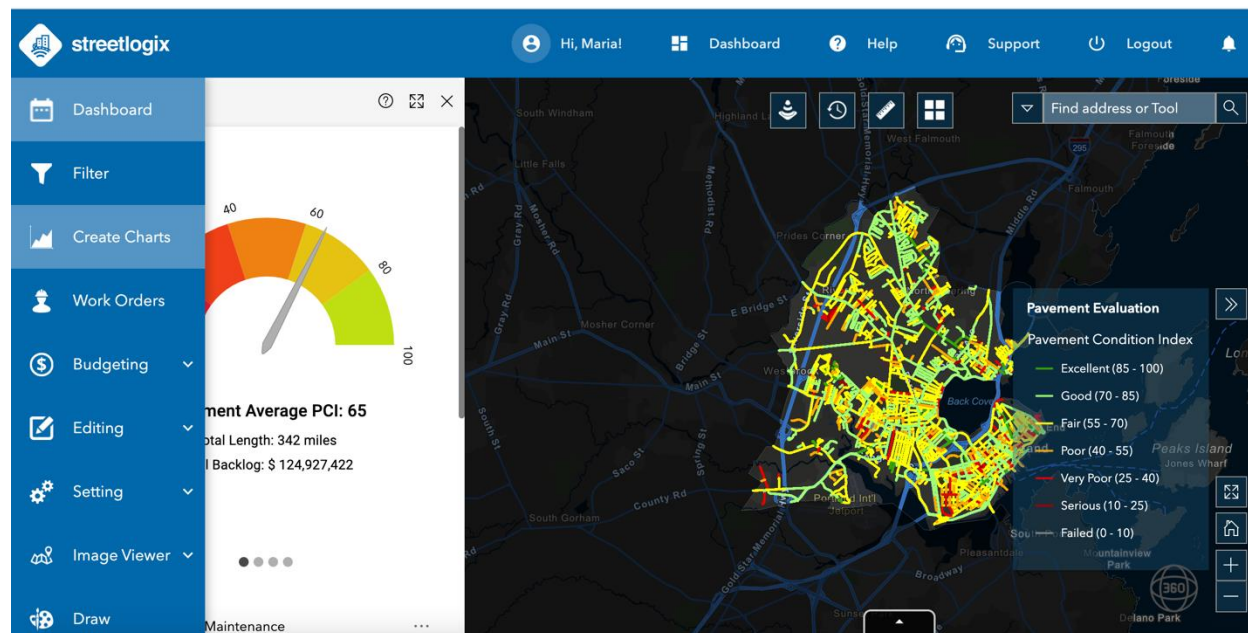
This provides staff an easy-to-use tool to quickly review PCI results, distress data and 360 images along with pavement history and other data that the municipality wants to be integrated. All data is hosted in the cloud, allowing users to login from anywhere on any computer to view the results. Streetlogix has many data import and export features making it compatible with any existing GIS solution concerning asset management. Streetlogix provides powerful data visualization and management tools including 360 viewer and extensive charts and dashboards (example below).

### Sidewalks

Municipalities are given access to our GIS web-based application, Streetlogix, in order to view and analyze all collected survey data in addition to data from other sources to assist in decision making.

This provides clients an easy-to-use tool to quickly review sidewalk condition results, distresses and sidewalk images. All data is hosted in the cloud allowing users to login from anywhere on any computer to view the results. Streetlogix has many data import and export features making it compatible with any existing GIS solution. Streetlogix provides powerful data visualization and management tools including 360 viewer and extensive charts and dashboards (example below).

### Portal view: Overall stats and available layers



## STEP 4: MAINTENANCE PLANNING

### Roads

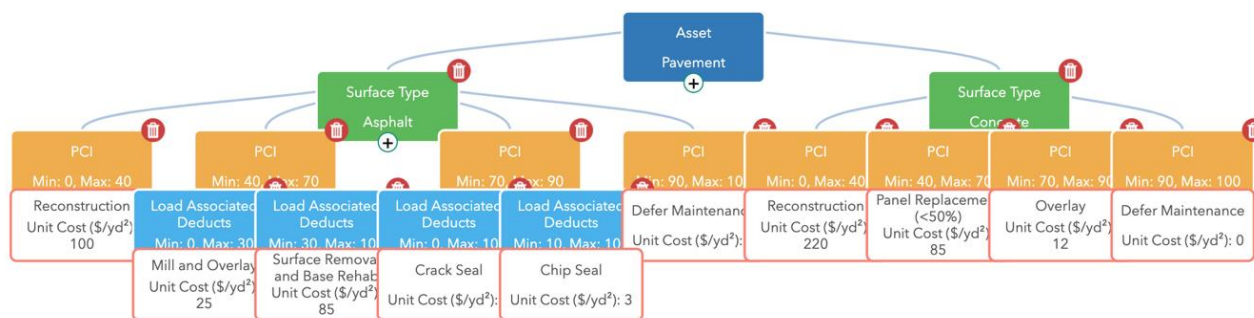
Once the inventory condition database and GIS web-app have been finalized, the work on implementing the pavement management side of the software begins. While pavement condition indicators are concerned with the current condition of the network, the management side of the process concerns itself with the analysis of condition, prediction of future condition, generation of maintenance options and pavement management scenarios. At this stage, the Client's preferred repair methods and associated costs are used to customize our Streetlogix asset management module. The results are compiled and reported to the client in our Streetlogix software and as a digital storymap.

Our decision-trees are highly customizable and we work with staff to tailor it to ensure our AI will provide the necessary maintenance and repair suggestions. All decision trees & underlying data will be editable by staff.

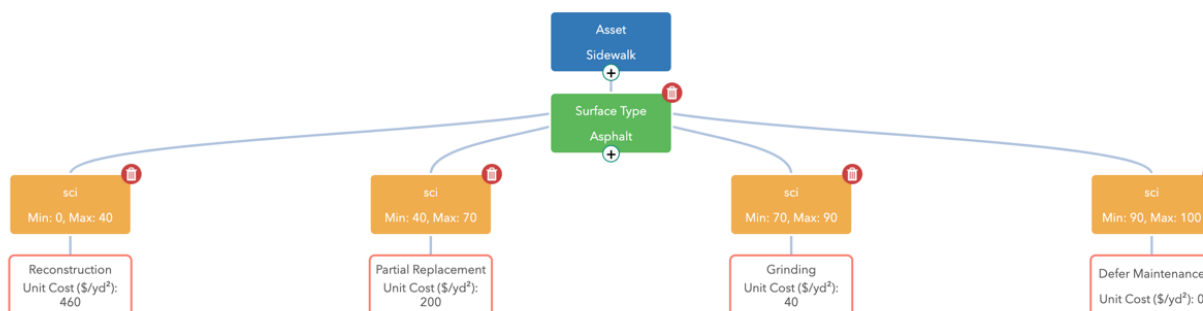
### Sidewalks

Once the inventory condition database and GIS web-app have been finalized, the work on implementing the sidewalk management side of the software begins. While sidewalk condition indicators are concerned with the current condition of the network, the management side of the process concerns itself with the analysis of conditions, prediction of future conditions, generation of maintenance options and sidewalk management scenarios. At this stage, the Client's preferred repair methods and associated costs are used to customize our sidewalk management modules. The results are compiled and reported to the client in our Streetlogix software and as a pdf document.

#### Roads:



#### Sidewalks:



## APPENDIX B – OPTIONAL SERVICES AND ASSET COLLECTION

StreetScan leverages AI with Semantic Segmentation in order to process the attributes which are included as part of the Work Order Module. As a result we guarantee over 80% accuracy of detecting all assets within the right of way but is subject to error due to obstructions or miss classifying the asset. 360 Imagery has the lowest margin of error and therefore is reliant on the imagery processed to obtain the assets.

### Paving Markings

Through StreetScan's existing collected data, our geospatial engineering team can extract pavement markings and insert them into a separate GIS layer. All data is accessible through Streetlogix. A visual review of the markings determine their current condition and whether maintenance is required.

| Attributes | Description                                                                                                                                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Category*  | Left Turn, Right Turn, Crosswalk, etc.                                                                                                                                                                                         |
| Location*  | Global Positioning System (GPS) location (+/- 5 meters)                                                                                                                                                                        |
| Condition  | The analysis will be conducted from intersection to intersection and given a rating of either Good, Fair or Critical. If the length of the road is longer than 1,000 ft, the analysis will be broken up into 1,000 ft segments |

\*Attributes included for the basic Pavement Marking inventory

*\* Measurement device has a rated accuracy of 0.1 degrees. However, in practice due to variations in ground surface and location where measurement is take, measured value can typically vary +/- 1 degree*

### Sidewalk GIS Database

StreetScan provides sidewalk locations, determined from existing data sources (satellite imagery, Google StreetView or ScanCar images) if available. All data is provided as a GIS layer.

Deliverable:

- GIS layer of sidewalk locations

### Curb GIS Database

StreetScan provides curb locations, determined from front or side facing imagery. Data is provided as a GIS layer.

Deliverable:

- GIS layer of the linear features where curbs are present

### Traffic Signage

StreetScan's traffic sign asset management service provides a simple solution for the Municipality to quickly and efficiently manage its traffic signs. StreetScan utilizes an algorithm to automatically locate traffic signs saving you time and money. Our geospatial engineering team then undergoes a rigorous Q&A process and collects multiple unique attributes. Traffic sign quantities are estimated at 1/8 of municipal population. Charges will be for actual number identified; please inform us if you have more accurate estimates.

| Attributes            | Description                                                                    |
|-----------------------|--------------------------------------------------------------------------------|
| Sign Category*        | Regulatory, Warning, Guide, School, Recreation, Information, General           |
| Sign Name*            | Federal or State MUTCD designation or custom designation for specialized signs |
| GPS Location*         | Global Positioning System (GPS) location (+/- 5 meters)                        |
| Sign & Post Condition | Good, Fair, Critical rating assessed through review of daytime digital images  |

\*Attributes included for the basic sign inventory

## **Catch Basins**

StreetScan provides catch basin locations, determined from existing data sources (satellite imagery, Google StreetView or ScanCar images) if available. All data is provided as a GIS layer.

Deliverable:

- GIS Layer of catch basin

## **Manhole**

StreetScan provides location of circular Manhole access points which are visible in the road imagery data. All data is provided as a GIS layer.

Deliverable:

- GIS layer of manhole locations

## **Tree GIS Database**

StreetScan provides tree locations which are situated in the right of way, determined from existing data sources satellite imagery, Google StreetView or ScanCar images if available. All data is provided as a GIS Layer.

Deliverable:

- GIS layer of tree location

## **Streetlight GIS Database**

Utilizing the ScanCar's cameras, StreetScan has the ability to review already collected data and extract the necessary street lighting attributes. A new street lighting data layer will be accessible through Streetlogix.

| Attributes   | Description                                            |
|--------------|--------------------------------------------------------|
| GPS Location | Global Positioning System (GPS) location (+/- 5 meter) |

## **ADA Sidewalk Width**

StreetScan will manually calculate the sidewalk width from the 3D Data collected as this feature is not automated.

## **ADA Ramp Compliance Survey**

StreetScan will determine the compliance of ADA Ramps, measuring the following attributes: ramp slope & cross slope, road slope & cross slope, flare slopes, ramp width, landing area, tactile pad (present/not present/condition). As part of this service, StreetScan provides imagery of all ramps and a GIS data layer accessible in Streetlogix, showing location of ADA ramps and all measured properties.

Deliverables:

- GIS Layer with ramp location & missing ramps
- Image of ramps/no ramp
- Compliance
- Measured Attributes (shown below)

| Attributes                      | Description                                                         |
|---------------------------------|---------------------------------------------------------------------|
| <b>GPS Location</b>             | Global Positioning System (GPS) location (typically +/- 1.5 meters) |
| <b>Image</b>                    | Image of Ramp                                                       |
| <b>Ramp Slope / Cross Slope</b> | Angle (+/- 1 Degree)*                                               |
| <b>Road Slope / Cross Slope</b> | Angle (+/- 1 Degree)*                                               |
| <b>Flare Slopes</b>             | Angle (+/- 1 Degree)*                                               |
| <b>Ramp Width Compliance</b>    | Yes/No                                                              |
| <b>Landing Area Compliance</b>  | Yes, No/Obstructed                                                  |
| <b>Tactile Pad</b>              | Present/Not Present & Condition                                     |

## APPENDIX C – OUR CLIENTS

### REFERENCES & ADDITIONAL INFORMATION

#### City of Lafayette, IN

##### Project Objective:

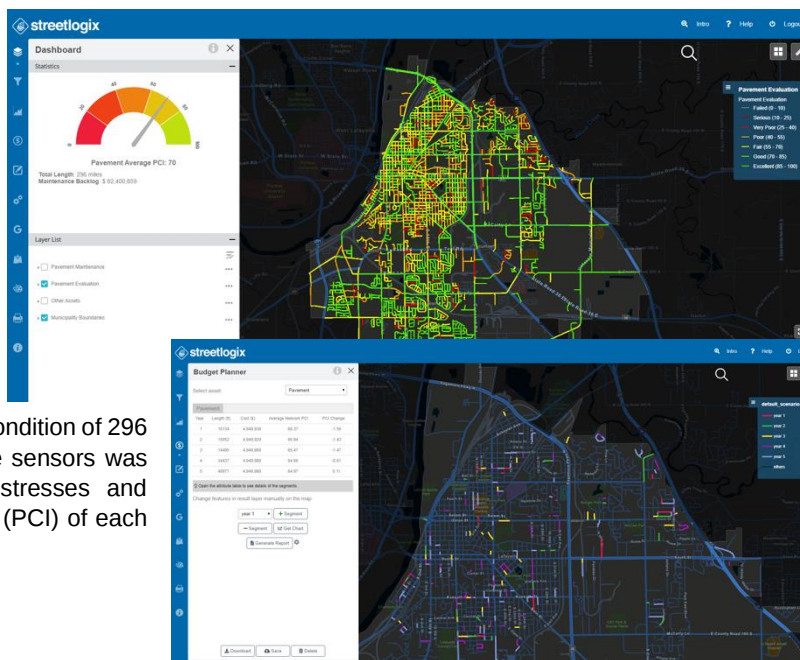
StreetScan was contracted by the City of Lafayette, IN, to assess the condition and provide repair suggestions for city-maintained roadways.

##### Project Description:

StreetScan utilized specialized vehicles outfitted with 3D cameras to assess the condition of 296 centerline miles. Data collected from the sensors was processed to identify specific road distresses and determine the pavement condition index (PCI) of each segment.

##### Project Outcome:

Data collection was completed in May 2019. Results from the survey were placed in Streetlogix, StreetScan's GIS web-based software, providing an enriched view of the City's road network with color-coded pavement conditions and other assets, along with images for every scanned road and a range of decision-making tools. In addition to repair suggestions and cost estimates, StreetScan prioritized repairs and developed work plans for the City. The City can use the software to visualize and export the information, as well as to adjust parameters and modify or generate new repair work plans.



| Project Contacts      |                                                                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| City of Lafayette, IN | Jeromy Grenard, City Engineer and Public Works Director<br>(765) 807-1050 x1051 / <a href="mailto:jgrenard@lafayette.in.gov">jgrenard@lafayette.in.gov</a> |
| StreetScan            | Salar Shahini, Chief Data Officer<br>(617) 399-8236 / <a href="mailto:salar.shahini.s@streetscan.com">salar.shahini.s@streetscan.com</a>                   |

## City of New Bedford, MA

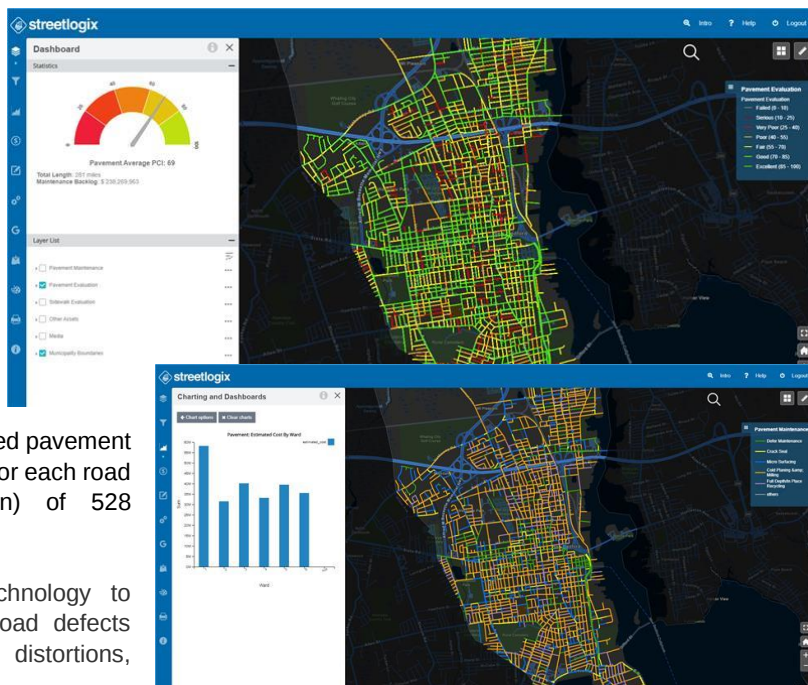
### Project Objective:

StreetScan was contracted by the City of New Bedford to perform a road assessment survey that would objectively collect pavement condition and ROW data and provide a custom pavement management plan.

### Project Description:

In the spring of 2019, StreetScan collected pavement condition, texture and roughness rating for each road segment (intersection to intersection) of 528 centerline miles.

The system utilized 3D imaging technology to measure the severity and extent of road defects including cracking, bumps, surface distortions, surface texture and potholes.



Additionally, the City selected StreetScan's Enhanced visualization package consisting of 360° HD camera that captured optical imagery of the road surface and right-of-way. StreetScan provided curb locations, determined from front or side facing imagery, via a GIS layer. The mandate included the assessment of 268 pavement markings.

The City added a Sidewalk and Ramp Assessment Survey to be carried out in the spring of 2020.

### Project Outcome:

StreetScan delivered a custom pavement management plan and decision-making solutions via Streetlogix, StreetScan's GIS web-based software, whose algorithm utilizes PCI, road usage data and a cost benefit analysis to determine road maintenance, repair costs and prioritization per segment. Budgeting and planning tools allow for editable short- and long-term planning as well as level of service analysis with target PCI.

| Project Contacts        |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| City of New Bedford, MA | Adam Hart, Supervising Civil Engineer<br>(508) 9791550 x 67332 / <a href="mailto:adam.hart@newbedford-ma.gov">adam.hart@newbedford-ma.gov</a> |
| StreetScan              | Salar Shahini, Chief Data Officer<br>(617) 399-8236 / <a href="mailto:salar.shahini.s@streetscan.com">salar.shahini.s@streetscan.com</a>      |

## City of Portland, ME

### Project Objective:

The City of Portland, ME, selected StreetScan to perform a mobile sensing survey of City's road network and prepare custom Maintenance and Repair suggestions.

The mandate comprised the assessment of traffic signs, pavement markings and Streetlight Lux Levels.

### Project Description:

Data collection for the project included:

- 221 centerline miles of city-maintained roadways
- 21,847 traffic signs inventoried
- 2,585 pavement markings (line features: lane dividers, bike lanes, etc.)
- 4,429 pavement markings (point features: left arrow, bicycle marking, etc.)

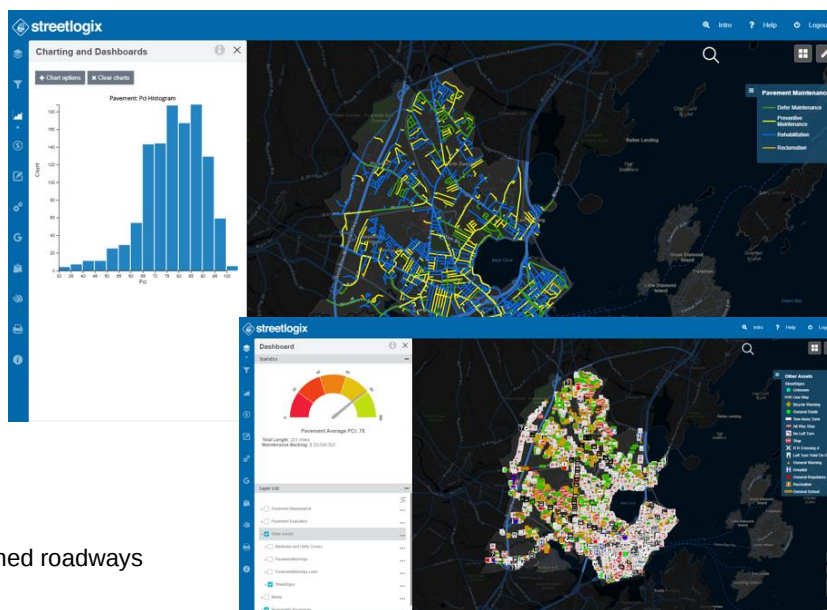
StreetScan used specialized ScanVan vehicles to assess the condition of roadways in normal traffic flow. During the survey, imagery collected from 2D Camera systems were used to locate pavement markings and traffic sign locations. Consequently, Manual on Uniform Traffic Control Devices (MUTCD) attributes were extracted from the traffic sign images by our technicians.

A Streetlight Lux Level Pilot was also performed. Utilizing a vehicle equipped with light sensors, StreetScan surveyed the Municipality at night to collect light level illumination data and provided a GIS layer also accessible through its web-based software.

### Project Outcome:

Data collection was completed in December 2016. Survey results were placed in Streetlogix, a customizable, GIS web-based application, whose algorithm utilizes PCI, road usage data and a cost benefit analysis to determine road maintenance, repair costs and prioritization per segment. Budgeting and planning tools allow for editable short- and long-term planning as well as level of service analysis with target PCI.

A second road data collection was performed in October 2019.



| Project Contacts     |                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| City of Portland, ME | Christopher Branch, Public Works Director<br>(207) 874-8801 / <a href="mailto:cbranch@portlandmaine.gov">cbranch@portlandmaine.gov</a>   |
| StreetScan           | Salar Shahini, Chief Data Officer<br>(617) 399-8236 / <a href="mailto:salar.shahini.s@streetscan.com">salar.shahini.s@streetscan.com</a> |

**Sample of other Clients:**



Town of Amherst, MA



County of Tippecanoe, IN



City of Parma Heights, OH



City of Kilgore, TX



City of Hillsboro, OR



City of Lafayette, IN



City of New Bedford, MA



City of Spokane Valley, WA



Town of Somers, CT



Town of Dover, NJ



City of Portland, ME



City of Sidney, OH



City of Greenwood, AR



City of Castle Pines, CO



County of Tulsa, OK



City of Barrie, ON



Town of Beverly, MA



Town of Hampstead, QC

## CASE STUDY



# Data-driven approach enables Lorain to prioritize and justify roadway repairs

### OVERVIEW

#### User

City of Lorain, OH

#### Challenge

To replace a labor-intensive, subjective approach to assess its roads, the City needed a data-driven way to evaluate the condition of its roadway network.

#### Solution

- StreetScan's mobile sensing vehicle
- Streetlogix street asset management software

#### Results

The City now has the data and software tools to prioritize road repairs, eliminate outside influences and spend its money more efficiently through better planning.

*The City of Lorain is located in northeastern Ohio on Lake Erie, approximately 30 miles west of Cleveland. With over 60,000 residents, Lorain has numerous historical sites and activities to participate in for both residents and visitors and is home to the Charles Berry Bridge, the second-largest bascule bridge in the world.*

#### The Challenge

Like many municipalities in North America, Lorain was utilizing a visual assessment to gather information on the status of its road network. This subjective and labor-intensive method motivated the City to embrace a faster, objective, and transparent way to assess roadway conditions and determine which roads needed repair, along with how and in what order they needed to be repaired. Lorain's small engineering group was also receiving numerous complaints from residents. "Everyone thinks their street is in poor condition and we needed the ability to properly prioritize maintenance and improvements in a data-driven, scientific approach," said Guy Singer, Lorain's Deputy Director of Engineering.

### The Solution

Lorain embarked on a rigorous RFP process to select a pavement management provider and proceeded to interview the top three candidates. StreetScan was selected by a committee. “The attribute that the committee believed set StreetScan apart from other vendors was their Streetlogix asset management software,” explained Singer.

StreetScan performed a City-wide condition assessment using its Smart City Mobile Sensing Technology. This automated method was developed to provide municipalities with a fast, objective analysis, ensuring that repair and maintenance decisions are based on complete and up-to-date data.

StreetScan’s mobile-sensing vehicle travelled 272 centerline miles of roads to assess road conditions in normal traffic flow and, using a pavement condition index scale which runs from 0-100 (with 0 being the worst and 100 being ideal), developed a City-wide inventory of road conditions. The system utilizes 3D imaging technology to aid in the detection of various road defects. The automated detection results, combined with extensive human QA/QC, provided reliable and accurate surface condition estimates.

### The Results

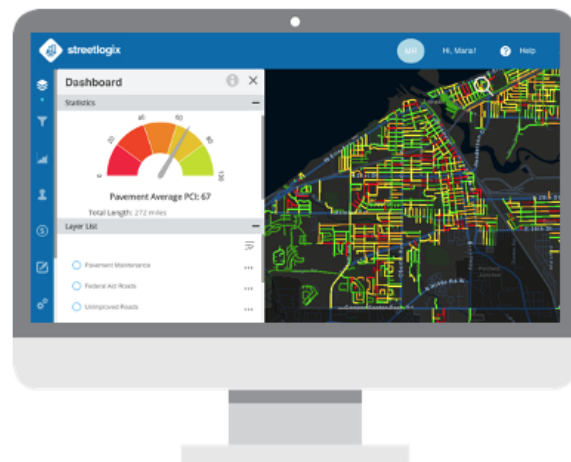
Lorain’s overall pavement condition index (PCI) was rated at an average PCI of 66, with 84.4% of the roads above a critical PCI condition of 55. Only 6% of the roads were rated as ‘very poor’ or ‘serious’.

All survey results were placed in the Streetlogix platform, a powerful GIS asset management software that provides the City unprecedented tools to develop capital improvement plans and perform projections on their roadway conditions. Streetlogix AI-engine utilizes PCI, road usage data and a cost benefit analysis to determine road maintenance, repair costs and prioritization per segment. Budgeting and planning tools allow for editable short- and long-term planning as well as level of service analysis with target PCI.

### The Benefit

City Staff is now able to interactively share, edit, and view the up-to-date roadway data on a common platform, as well as perform budget planning and develop multi-year capital improvement & maintenance programs. “With Streetlogix, we plan to develop a system that accurately estimates the road maintenance required year to year. This will create an iterative process for us that we believe will improve as we move into the future,” concluded Singer.

*“The attribute that the committee believed set StreetScan apart from other vendors was their Streetlogix asset management software.”*  
*Guy Singer*  
*Deputy Director of Engineering*  
*City of Lorain, OH*





**City of Westfield Fire Department  
Board of Public Works & Safety Report  
March 2022 Report**

Contact: Fire Chief

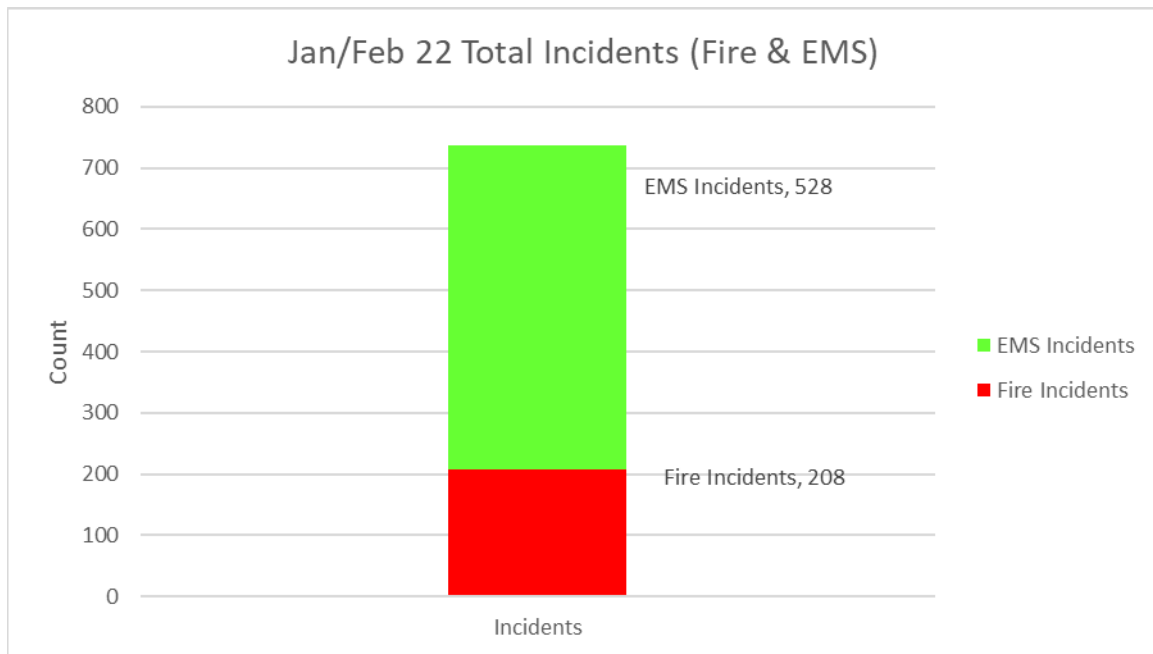
Rob Gaylor

Or Nikki Hartman

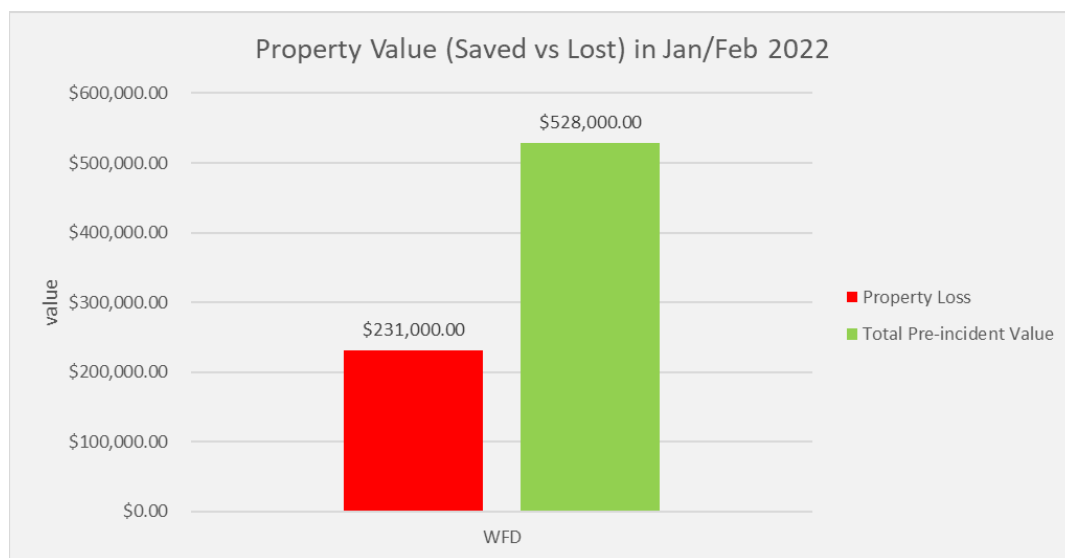
804-3304



## Westfield Fire, 2022 Incident Statistics



| Incident Type   | Incident Count | % of total Incident |
|-----------------|----------------|---------------------|
| Fire Incidents  | 208            | 28%                 |
| EMS Incidents   | 528            | 72%                 |
| Total Incidents | 736            |                     |

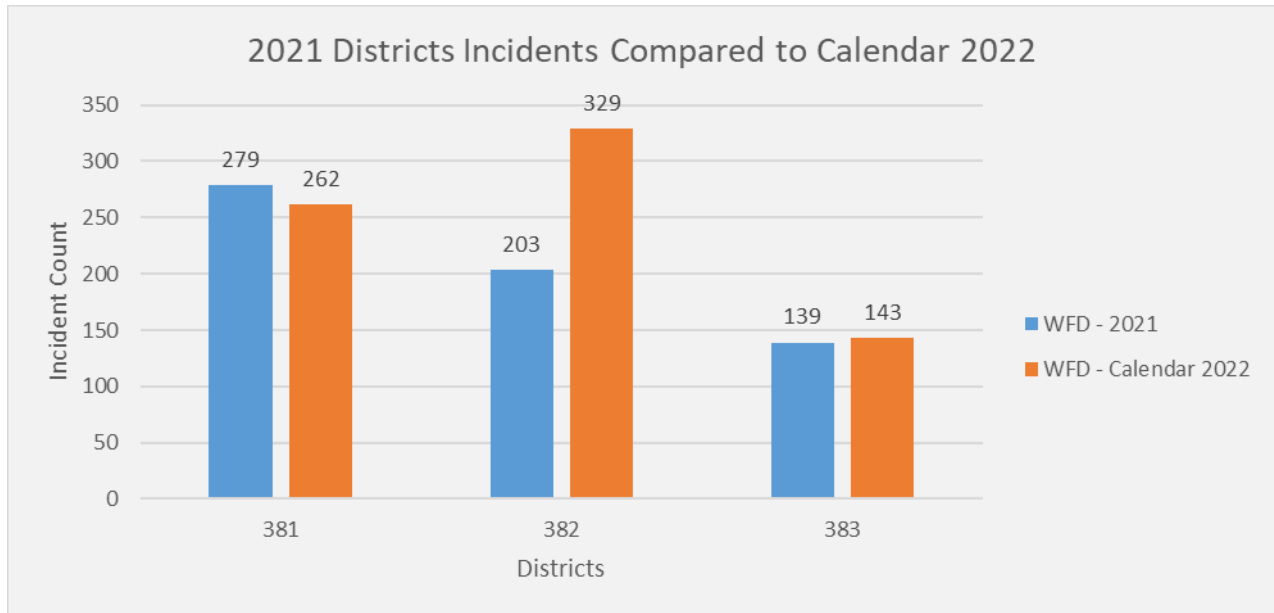


| Property Loss | Total Pre-Incident Value | % of Property value saved |
|---------------|--------------------------|---------------------------|
| 231000        | 528000                   | 56.25%                    |



## Westfield Fire, 2022 Incident Statistics

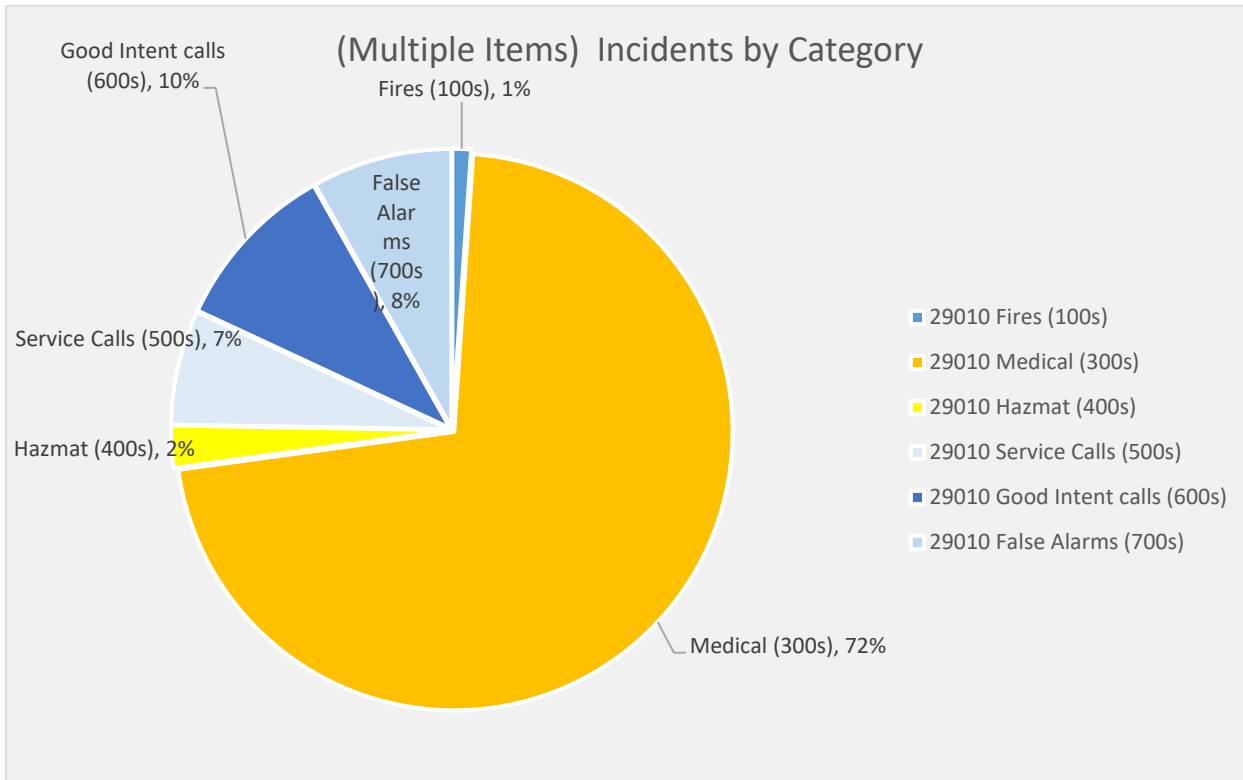
+



| Districts | 2021 | Calendar 2022 | Increase/<br>decrease | % increase<br>/%decrease |
|-----------|------|---------------|-----------------------|--------------------------|
| 381       | 279  | 262           | -17                   | -6%                      |
| 382       | 203  | 329           | 126                   | 62%                      |
| 383       | 139  | 143           | 4                     | 3%                       |



## Westfield Fire, 2022 Incident Statistics

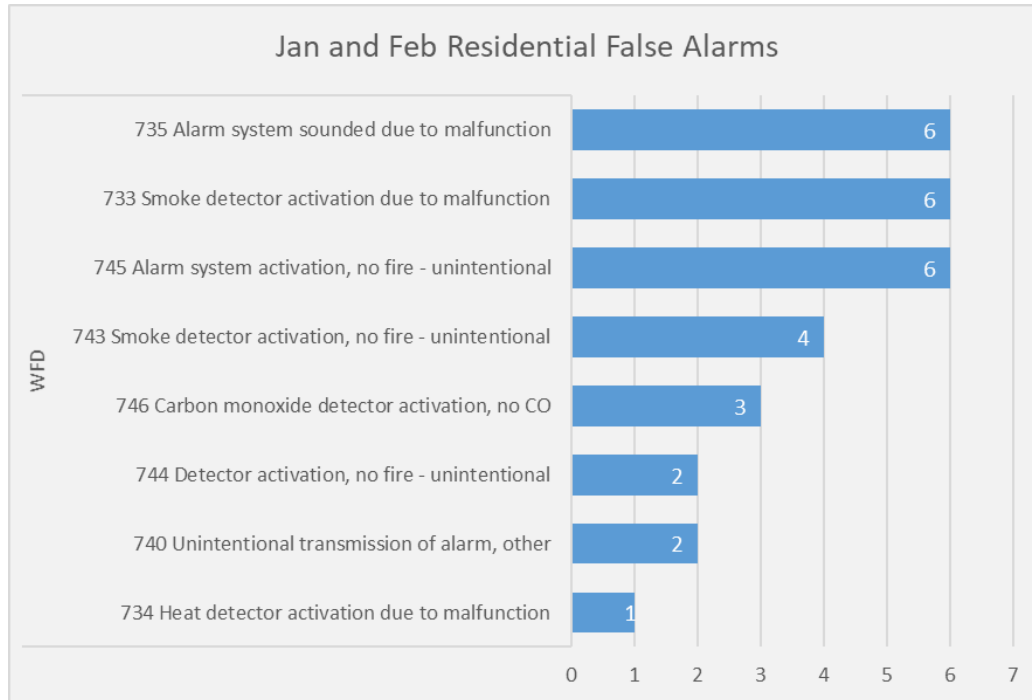


| Call Type         | Incident Count | % of total calls |
|-------------------|----------------|------------------|
| Medical           | 528            | 70.21%           |
| Good Intent       | 73             | 9.71%            |
| Service Calls     | 49             | 6.52%            |
| False Alarm       | 60             | 7.98%            |
| Hazmat            | 18             | 2.39%            |
| Fires             | 8              | 1.06%            |
| Sever Weather     | 8              | 1.06%            |
| OverPressure      | 0              | 0.00%            |
| Special Incidents | 3              | 0.40%            |
| Unknown           | 5              | 0.66%            |
| Total             | 752            |                  |



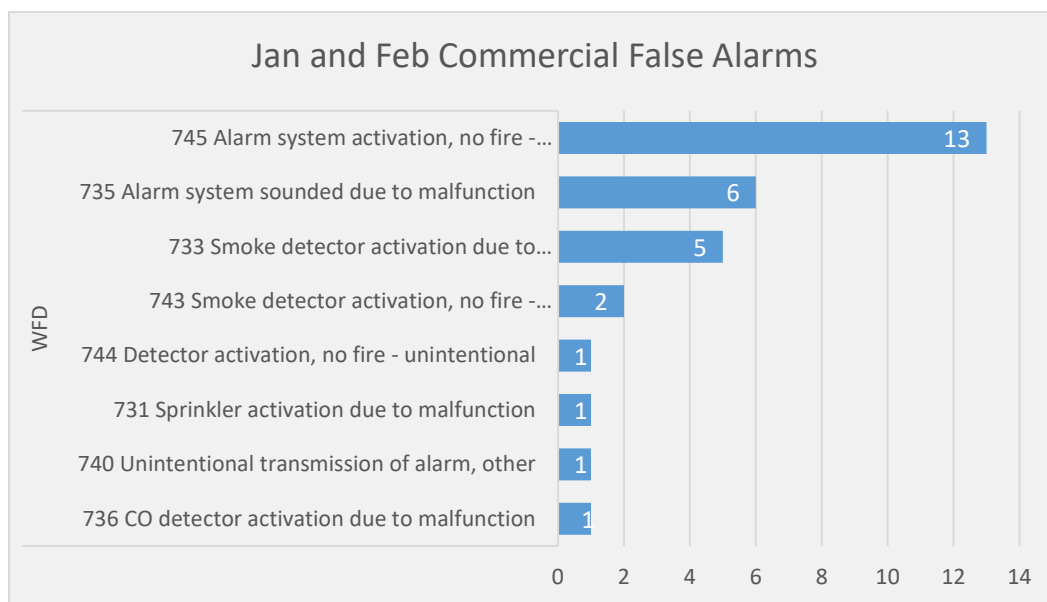
## Westfield Fire, 2022 Incident Statistics

### False Residential Fire Alarm Calls



### 30 Residential Alarms

### False Commercial Fire Alarm Calls

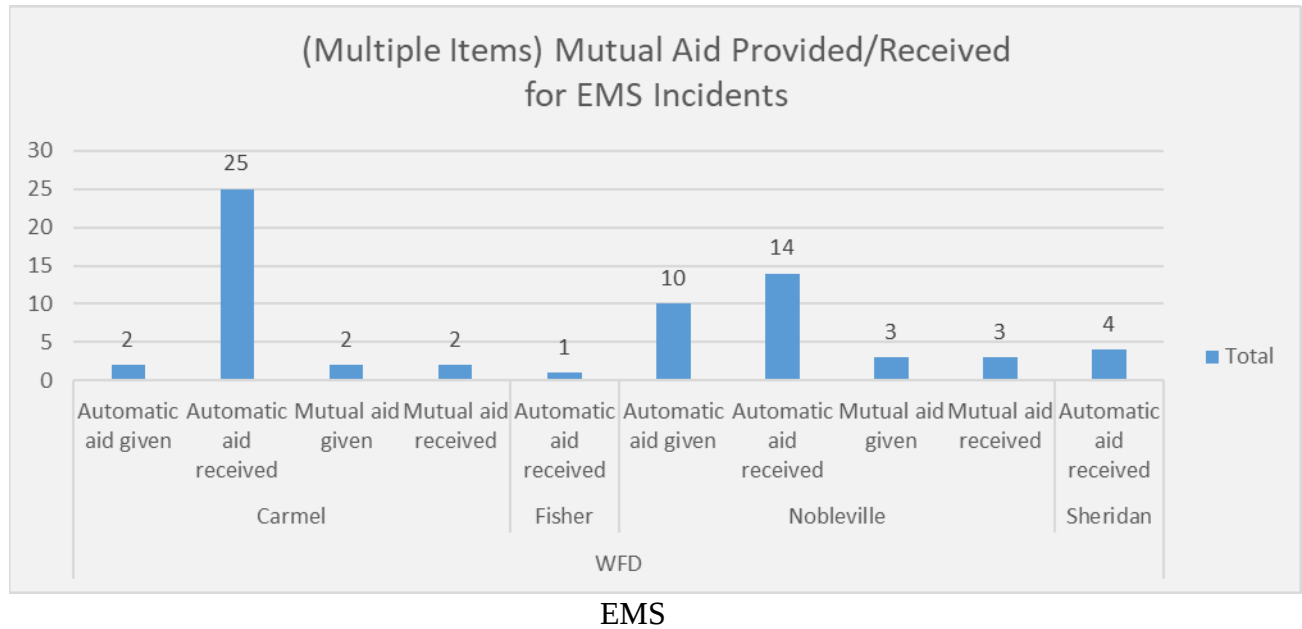


### 30 Commercial False Alarms



## Westfield Fire, 2022 Incident Statistics

Mutual Aid data



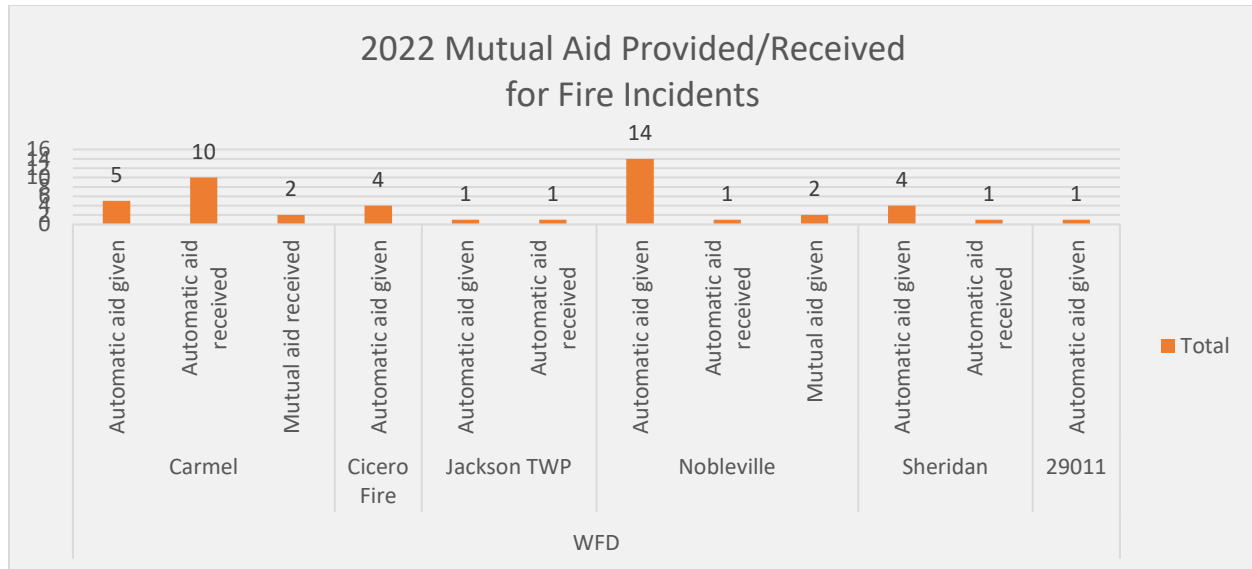
Total 66

|             | Given | Received |
|-------------|-------|----------|
| Carmel      | 4     | 27       |
| Fishers     | 0     | 1        |
| Noblesville | 13    | 17       |
| Sheridan    | 0     | 4        |
| Total       | 17    | 49       |



# Westfield Fire, 2022 Incident Statistics

## Mutual Aid Data Fire Incidents



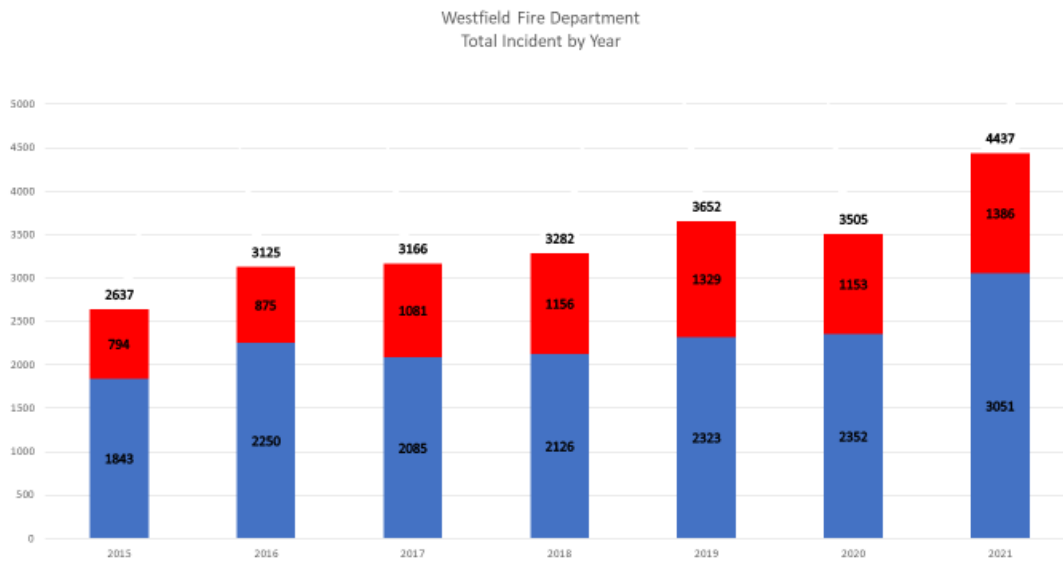
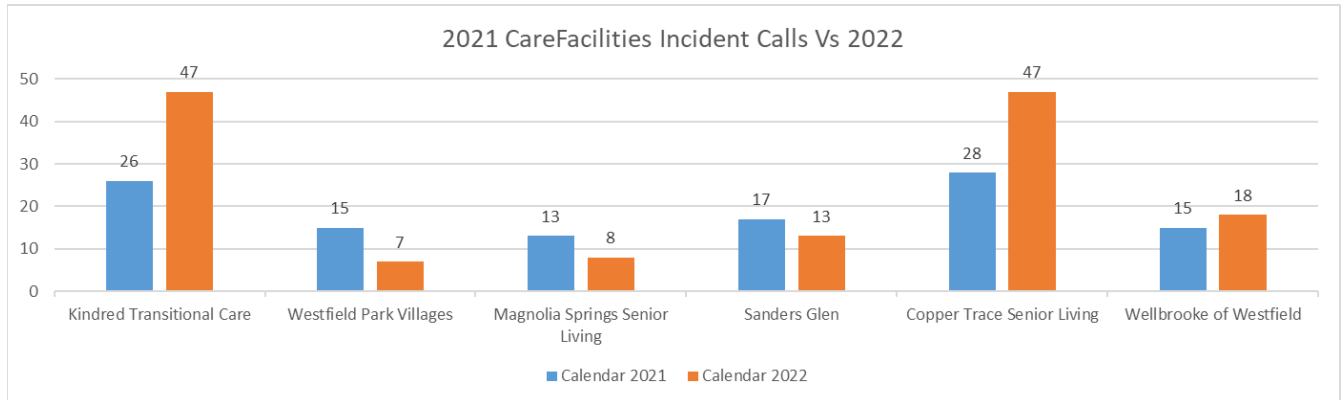
Total 46

|                  | Given | Received |
|------------------|-------|----------|
| Carmel           | 5     | 12       |
| Fishers          | 0     | 0        |
| Noblesville      | 16    | 1        |
| Sheridan         | 4     | 1        |
| Cicero           | 4     | 0        |
| Jackson Township | 1     | 1        |
| White River      | 1     | 0        |
| Total            | 31    | 15       |



## Westfield Fire, 2022 Incident Statistics

### Care Facility



- As of end of February 2022 we were up 17.78% in calls versus 2021.
- This pace we will be over 5,200 calls for service by end of 2022.



## Westfield Fire, 2022 Incident Statistics

2021 compared to 2020 we were up 25.8%

2021 compared to 2019 we were up 21.5%

|             | Year | Calls | Personnel | Stations | Population     |
|-------------|------|-------|-----------|----------|----------------|
| Carmel      | 2007 | 4886  | 142       | 6        | 68,677 in 2007 |
| Fishers     | 2013 | 4374  | 105       | 5        | 78,927 in 2013 |
| Noblesville | 2010 | 4570  | 114       | 7        | 51,969 in 2010 |
| Westfield   | 2021 | 4437  | 73        | 3        | 50,060 in 2020 |

<https://www.carmel.in.gov/Home/Components/News/News/65/25?arch=1&npage=62>

<https://worldpopulationreview.com/us-cities/westfield-in-population>



March 23, 2022

## Consent Agenda Item:

### Performance Bond Acceptance

The Westfield Public Works Department is recommending that the Board of Public Works and Safety accept the following Performance Bonds for the requested developments:

- Lennar Homes of Indiana, LLC, Aberdeen, Section 1, Bond #30149630, \$274,584.00, ROW Improvements
- Lennar Homes of Indiana, LLC, Aberdeen, Section 1, Bond #30149629, \$238,495.00, Erosion Control
- Chatham Hills, LLP, Section 4, Bond Reduction Rider #2322926, \$44,536.80, Concrete Sidewalks & Asphalt Trails

### Performance Bond Release

The Westfield Public Works Department is recommending that the Board of Public Works and Safety consider the following Performance Bonds for release by the requested developer:

- Jackson Taylor Contractors, LLC, Firestone, Bond #387009003, \$35,442.00, Storm Sewer & Erosion Control
- JRF Construction, Duramark Technologies, Bond #NIN1201, \$104,339.40, Streets, Curbs, Storm, & Erosion Control
- Sobczak Construction Services, Inc., The Reserve on South, Bond #1163661, \$323,248.73, Streets/Curbs, Storm Sewer, Erosion Control & ROW Improvements
- Pulte Homes of Indiana, LLC, Westchester, Section 2, Bond #SU1162769, \$184,078.27, Erosion Control

### Maintenance Bond Acceptance

The Westfield Public Works Department is recommending that the Board of Public Works and Safety accept the following Maintenance Bonds for the requested developments:

- Westfield BF BTS Retail, LLC, Firestone, Bond #30147048, \$2,157.00, Storm Sewer
- Sobczak Construction Services, Inc., The Reserve on South, Bond #LICX1213745, \$29,386.30, Streets/Curbs, Storm Sewer, Sidewalk, Erosion Control & ROW Improvements
- Sitecrete, LLC, Chatham Hills, Section 7A, Bond #30152332, \$11,321.00, Curbs
- Delello & Sons Asphalt Paving, Inc., Chatham Hills, Section 7A, Bond #MNT7667934, \$39,628.50, #53 Street Stone Base, 19mm Asphalt Streets Base, 19mm Asphalt Streets Binder & 9.5mm Asphalt Streets Surface
- Elevation Excavation, Inc., Chatham Hills, Section 7A, Bond #LICX1213758, \$50,524.00, Storm Sewer & Subsurface Drains