



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Date: January 16, 2020

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
R. Brent Savident, Community Development Director

Subject: **ANNOUNCEMENT OF PUBLIC HEARING – REZONING REQUEST (Z JPLN2019-0015)**
- Proposed Sylvanwood Court RT Development Rezoning, Northwest corner of Rochester Road and Sylvanwood (88-20-10-426-029, -030 and -031), Section 10, From R-1C (One Family Residential) to RT (One Family Attached Residential) Zoning District.

The applicant Eureka Building Co. seeks rezoning of the subject parcel from R-1C (One-Family Residential) District to RT (One Family Attached) District. The parcel is 1.2 acres in area.

The applicant submitted a concept plan showing two (2), five (5) unit buildings. This sketch is required as part of the application but is non-binding.

A summary of the project was prepared by the Planning Consultant and is included in the attached agenda item from the October 8, 2020 Planning Commission regular meeting.

The Planning Commission held a public hearing on this item on October 8, 2020 and recommended approval of the rezoning by a 5-4 vote.

At the request of numerous residential neighbors, the City's Traffic Consultant OHM prepared the attached memorandum dated December 6, 2019. The memorandum summarizes the results of a Speeding/Cut-Through study conducted for Sylvanwood, Trinway and Creston west of Rochester in October, 2019. The attached memorandum prepared by OHM and dated September 24, 2018 summarizes the traffic that can be anticipated from a 10-unit attached residential condominium project.

A City Council public hearing has been scheduled for February 10, 2020.

Attachments:

1. Maps
2. Rezoning application
3. Report prepared by Carlisle/Wortman Associates, Inc.
4. Minutes from October 8, 2019 Planning Commission Regular meeting (excerpt)
5. Memorandum prepared by OHM dated December 6, 2019 (Speeding/Cut-Through Traffic)
6. Memorandum prepared by OHM, dated September 24, 2018



GIS Online





GIS Online



595 0 297 595 Feet



Note: The information provided by this application has been compiled from recorded deeds, plats, tax maps, surveys, and other public records and data. It is not a legally recorded map survey. Users of this data are hereby notified that the source information represented should be consulted for verification.

CITY OF TROY REZONING REQUEST APPLICATION

CITY OF TROY PLANNING DEPARTMENT
500 W. BIG BEAVER
TROY, MICHIGAN 48084
248-524-3364
E-MAIL: planning@troymi.gov



REZONING REQUEST APPLICATION
\$1,800.00

ESCROW FEE
\$1,500.00

NOTICE TO THE APPLICANT

REGULAR MEETINGS OF THE TROY PLANNING COMMISSION ARE HELD ON THE SECOND AND FOURTH TUESDAY OF EACH MONTH AT 7:00 P.M. AT CITY HALL.

APPLICATIONS SHALL BE FILED NOT LATER THAN THIRTY (30) DAYS BEFORE THE SCHEDULED DATE OF THE MEETING.

A PLANNING COMMISSION PUBLIC HEARING SHALL BE SCHEDULED FOLLOWING A DETERMINATION BY THE PLANNING DEPARTMENT THAT THE APPLICATION IS COMPLETE.

PLEASE COMPLETE THE FOLLOWING:

1. NAME OF THE PROPOSED DEVELOPMENT: Sylvanwood Court RT Development
2. ADDRESS OF THE SUBJECT PROPERTY: 5395 Rochester
3. CURRENT ZONING CLASSIFICATION: Ri - C
4. PROPOSED ZONING CLASSIFICATION: RT
5. TAX ID NUMBER(S) OF SUBJECT PROPERTY: 2010-426-031 2010-426-036 2010-426-029

6. APPLICANT FOR REZONING:

OWNER OF THE SUBJECT PROPERTY:

NAME E. Nikolla

NAME same as applicant

COMPANY Eureka Building Co

COMPANY _____

ADDRESS 1985 W. Big Beaver #320

ADDRESS _____

CITY Troy STATE MI ZIP 48084

CITY _____ STATE _____ ZIP _____

TELEPHONE (586) 405 4080

TELEPHONE _____

E-MAIL eurekabld@gmail.com

E-MAIL _____

7. THE APPLICANT BEARS THE FOLLOWING RELATIONSHIP TO THE OWNER OF THE SUBJECT PROPERTY:

8. SIGNATURE OF THE PROPERTY OWNER:

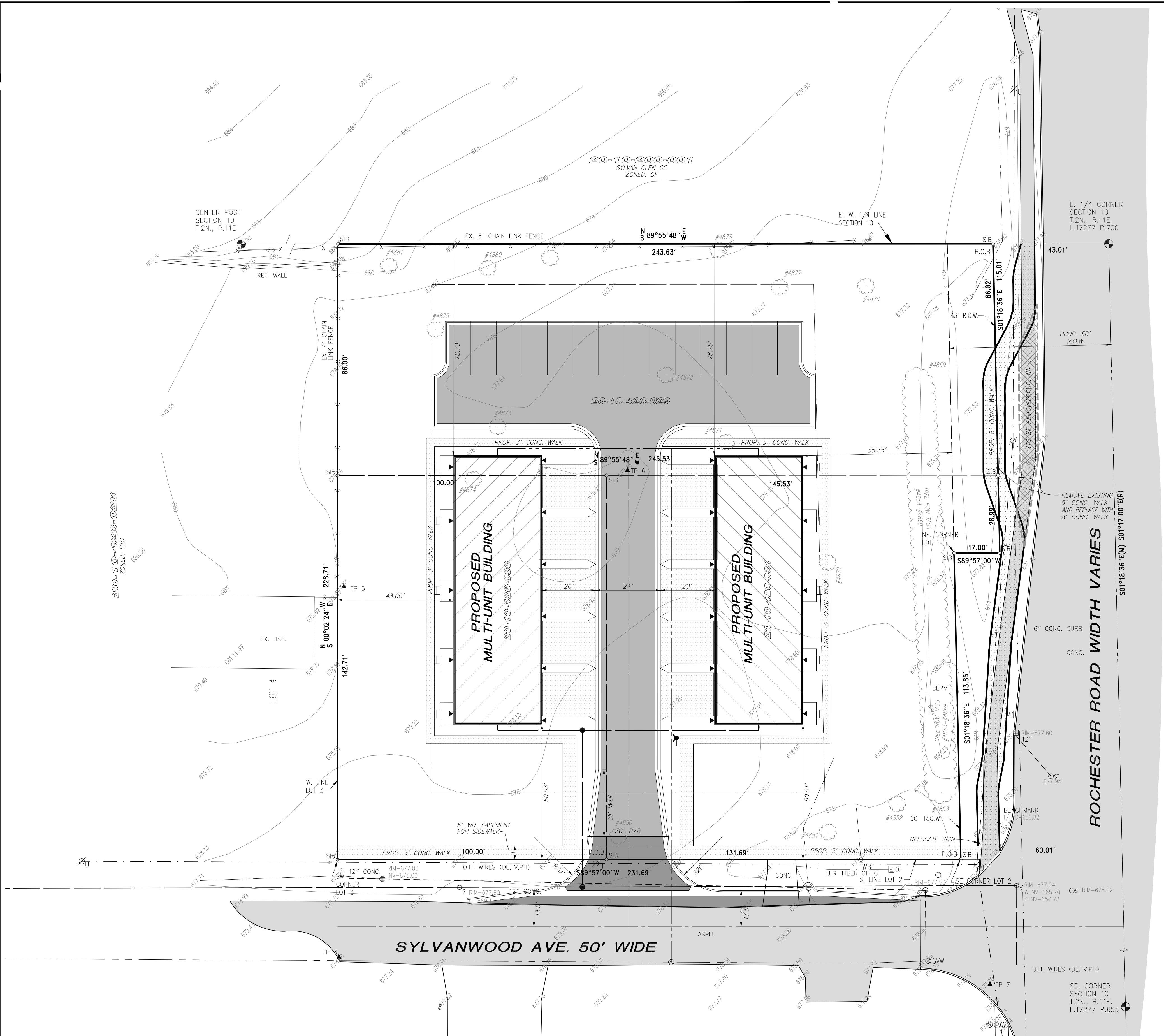
BY THIS SIGNATURE, THE PROPERTY OWNER AUTHORIZES PLACEMENT OF A SIGN ON THE PROPERTY
TO INFORM THE PUBLIC AS TO THIS REQUEST FOR REZONING.

9. SIGNATURE OF THE APPLICANT:

CONCEPT PLAN

PART OF THE S.E. 1/4 OF SECTION 10
T.2N., R.11E., CITY OF TROY,
OAKLAND COUNTY, MICHIGAN

SHEET 201 OF 2

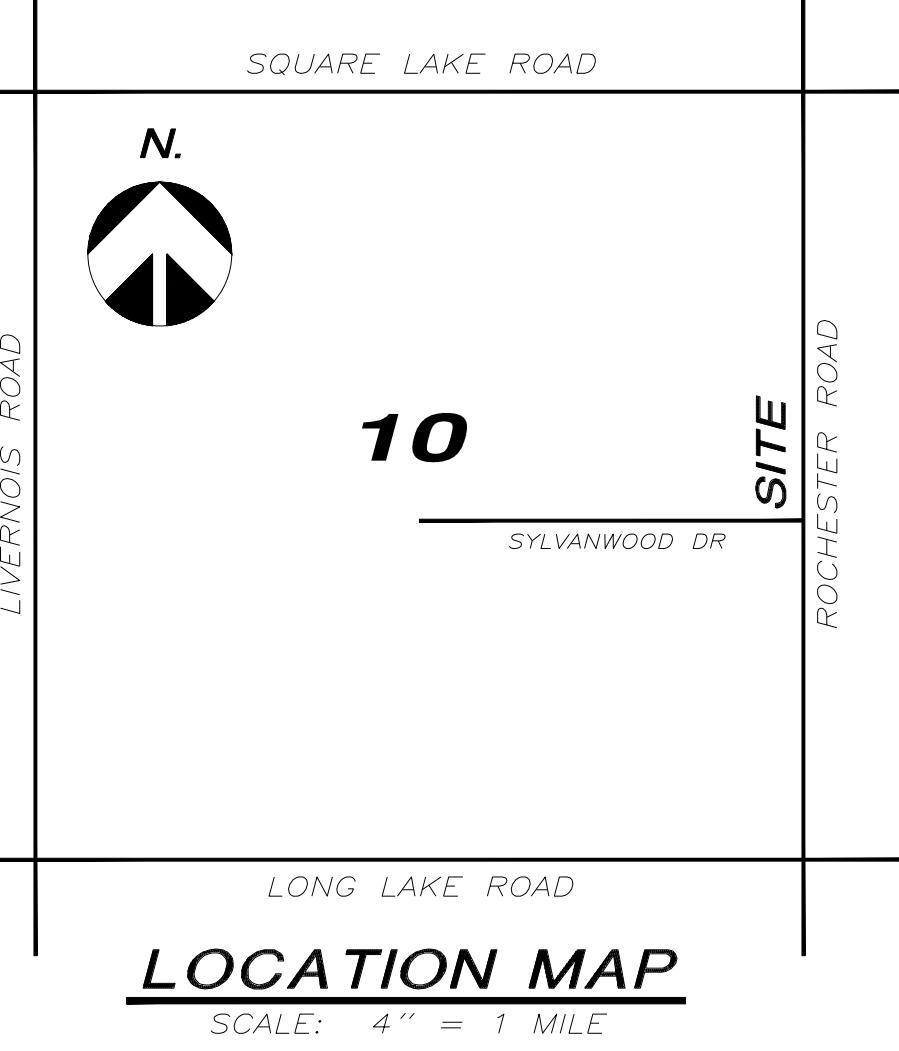


3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171
(TOLL FREE) for the location
of underground utilities

Contractor Note:
The locations of existing underground utilities
are shown in an approximate way only.
The contractor shall determine the exact location
of all existing utilities before commencing
work. He agrees to be fully responsible for
any and all damages which might be
caused by his failure to exactly locate
and preserve any and all underground utilities.



BENCHMARK
T/HYD. @ NW CORNER
ROCHESTER RD & SYLVANWOOD
ELEVATION=680.82
DATUM=NAVD88



PROPERTY DESCRIPTION

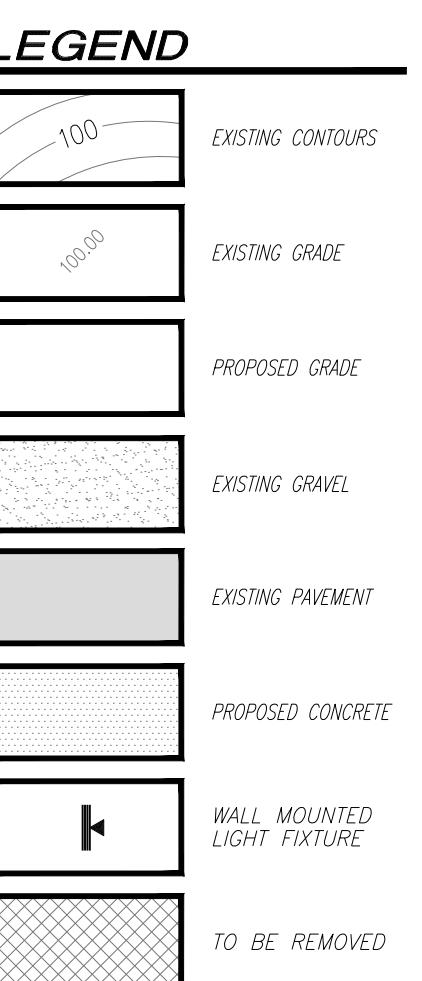
Property Description: 20-10-426-029
A parcel of land in the SE 1/4 of Section 10, T.2N., R.11E., City of Troy, Oakland County, Michigan described as; Commencing at the East 1/4 corner Section 10; thence S.89°55'48"E, 43.01 feet along the east/west 1/4 line of Section 10 to the 43 foot right of way of Rochester Road on the Point of Beginning; thence along said line 5.01' N 89°18'36"E, .86.02 feet; thence N.89°55'48"E, 245.53 feet; thence N.00°02'24"W, .86.00 feet to a point on the east/west 1/4 line of Section 10; thence along said line N.89°55'48"E, 243.63 feet to the Point of Beginning and containing 0.483 acres.

Property Description: 20-10-426-030
A parcel of land in the SE 1/4 of Section 10, T.2N., R.11E., City of Troy, Oakland County, Michigan as recorded in Liber 13, Page 48 of Oakland County Records described as; Beginning at the SE corner of said Lot 2; thence S.89°57'00"W, 131.69 feet along the south line of Lot 2; thence N.00°02'24"W, 142.75 feet; thence N.89°55'48"E, .85.30 feet to a point on the 43 foot right of way of Rochester Road on the Point of Beginning; thence N.89°55'48"E, 17.00 feet to the 43 foot right of way of Rochester Road and the NE corner of said Lot 1; thence along said line S.01°18'36"E, 113.85 feet to the Point of Beginning and containing 0.328 acres.

Property Description: 20-10-426-031
A parcel of land in the SE 1/4 of Section 10, T.2N., R.11E., City of Troy, Oakland County, Michigan as recorded in Liber 13, Page 48 of Oakland County Records described as; Beginning at the SE corner of said Lot 2; thence S.89°57'00"W, 131.69 feet along the south line of Lot 2; thence N.00°02'24"E, 142.75 feet; thence S.89°55'48"E, .85.30 feet to a point on the 43 foot right of way of Rochester Road on the Point of Beginning; thence N.89°55'48"E, 17.00 feet to the 43 foot right of way of Rochester Road and the NE corner of said Lot 1; thence along said line S.01°18'36"E, 113.85 feet to the Point of Beginning and containing 0.328 acres.

SITE CRITERIA

- PARCEL IDENTIFICATION #: 20-10-426-029, -030, -031
- EXISTING ZONING: RIC
- PROPOSED ZONING: RT
- ADJACENT ZONINGS: RIC, CF
- PROPOSED USE: ATTACHED RESIDENTIAL HOUSING
- TOTAL NUMBER OF PROPOSED LOTS: 1
- LOT ZONING (RT ZONING):
 - MINIMUM LOT SIZE: 5,000 S.F.
 - MINIMUM LOT FRONTAGE: 40'
 - BUILDING SETBACKS: FRONT = 50' (ROCHESTER ROAD R.O.W.)
FRONT = 25' (SYLVANWOOD AVE. R.O.W.)
REAR = 35'
SIDE = 5' MIN., 15' TOTAL
- UTILITY SUMMARY:
 - WATER MAIN: MUNICIPAL
 - SANITARY SEWER: MUNICIPAL
 - STORM SEWER: ENCLOSED PIPE WITH OUTLET TO EXISTING SYLVANWOOD C.B.
- LIGHTING:
 - EACH GARAGE WILL HAVE A WALL-MOUNTED DECORATIVE LIGHT FIXTURE
 - EACH PORCH MAY HAVE A STANDARD MOTION-SENSOR EXTERIOR DECORATIVE LIGHT FIXTURE
 - WALL LIGHTS MUST MEET THE ORDINANCE SHIELDING REQUIREMENT AND THE LIGHTS MUST NOT EXCEED 10.0 FOOT-CANDLES



TOPOGRAPHY LEGEND

| SYMBOL | DESCRIPTION |
|--------------------|--------------------|
| WATER MAIN | WATER MAIN |
| STORM SEWER | STORM SEWER |
| SANITARY SEWER | SANITARY SEWER |
| EASEMENT | EASEMENT |
| EX. U.G. ELEC. | EX. U.G. ELEC. |
| EX. U.G. PLUMB. | EX. U.G. PLUMB. |
| EX. U.G. TELE. | EX. U.G. TELE. |
| EX. U.G. GAS | EX. U.G. GAS |
| ROUND CATCH BASIN | ROUND CATCH BASIN |
| SQUARE CATCH BASIN | SQUARE CATCH BASIN |
| UTILITY MANHOLE | UTILITY MANHOLE |
| STORM MANHOLE | STORM MANHOLE |
| END OF PIPE | END OF PIPE |
| SANITARY MANHOLE | SANITARY MANHOLE |
| CLEAN-OUT | CLEAN-OUT |
| MH | MANHOLE |
| HYDRANT | HYDRANT |
| GATE VALVE WELL | GATE VALVE WELL |
| WATER VALVE | WATER VALVE |
| WATER BOX | WATER BOX |
| VALVE | VALVE |
| LIGHT POLE | LIGHT POLE |
| AIR CONDITIONER | AIR CONDITIONER |
| MAIL BOX | MAIL BOX |
| FENCE POST | FENCE POST |
| DOWN SPOUT | DOWN SPOUT |
| SOIL BORING | SOIL BORING |
| ELASTIC FLOOR PAD | ELASTIC FLOOR PAD |
| GUY POLE | GUY POLE |
| GUY ANCHOR | GUY ANCHOR |
| SIGN POST | SIGN POST |
| SPRINKLER HEAD | SPRINKLER HEAD |
| TELEPHONE RISER | TELEPHONE RISER |
| CABLE TV RISER | CABLE TV RISER |
| FINISHED FLOOR | FINISHED FLOOR |
| Garage Floor | Garage Floor |
| BASEMENT FLOOR | BASEMENT FLOOR |
| CONC. | CONC. |
| MONOLITHIC NAIL | MONOLITHIC NAIL |
| SET IRON BAR | SET IRON BAR |
| FOUND IRON BAR | FOUND IRON BAR |
| F-IRON | F-IRON |
| MONUMENT | MONUMENT |

SHEET INDEX

1. CONCEPT PLAN
2. TOPOGRAPHIC and BOUNDARY SURVEY

SUPPLEMENTAL

- LANDSCAPE PLAN and TREE INVENTORY

PHONE 586 731-8930
FAX 586 731-2605
FOR: EURKA BUILDING COMPANY
5906 SYLVANWOOD AVENUE
SAVAGE TOWNSHIP, MI 48355
(586) 405-4080

URBAN LAND CONSULTANTS ©
PLANNERS LAND SURVEYORS
CIVIL ENGINEERS LAND SURVEYORS
8800 23 MILE ROAD SHELLY TWP., MI 48316-4516

CONCEPT PLAN - SHEET 1 of 2

TOPOGRAPHIC and BOUNDARY SURVEY

PART OF THE S.E. 1/4 OF SECTION 10
T.2N., R.11E., CITY OF TROY,
OAKLAND COUNTY, MICHIGAN

SHEET 20402

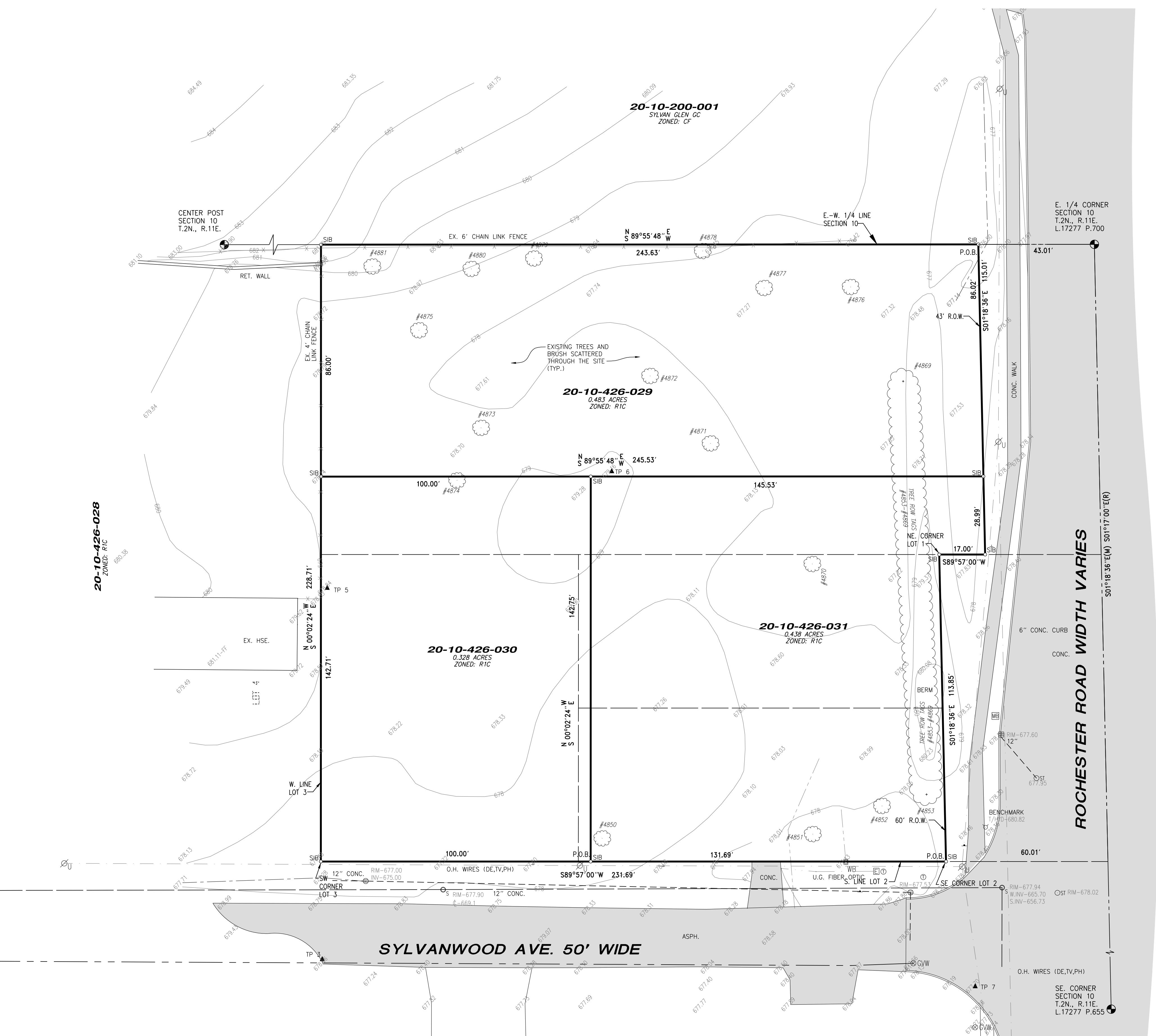
BY:
ADDITIONS AND/OR REVISIONS
DATE: 7-18-2019
Scale: 1"-20'
Drown DR2
Check R. LINDH
Sheet 2 of 2
Fid. Blk.

PROPOSED SITE CONDOMINIUM

FOR: EUREKA BUILDING COMPANY
5906 SENECA TOWNSHIP, MI 48355
(586) 405-4080

TOPOGRAPHY LEGEND

| | |
|---------------------------|-------------------|
| WATER MAIN | EXISTING CONTOURS |
| STORM SEWER | EXISTING GRADE |
| SANITARY SEWER | EXISTING GRAVEL |
| EASEMENT | EXISTING PAVEMENT |
| EX. U.G. ELECT. | |
| EX. U.G. PLUMB. | |
| EX. U.G. TELE. | |
| EX. U.G. GAS | |
| ROUND CATCH BASIN | |
| SQUARE CATCH BASIN | |
| UTILITY MANHOLE | |
| STORM MANHOLE | |
| END OF PIPE | |
| SANITARY MANHOLE | |
| CLEAN-OUT | |
| MANHOLE | |
| HYDRANT | |
| GATE VALVE WELL | |
| WATER VALVE | |
| WATER BOX | |
| VALVE | |
| AIR POLE | |
| AIR CONDITIONER | |
| MAIL BOX | |
| FENCE POST | |
| DOWN SPOUT | |
| SOCLE | |
| SOIL TRANS PAD | |
| UTILITY POLE | |
| GUARD ANCHOR | |
| CO-OP POLE | |
| SIGN POST | |
| SPRINKLER HEAD | |
| GAS METER | |
| TELEPHONE RISER | |
| TELEPHONE CABLE IN RISER | |
| FF. FINISHED FLOOR | |
| GF. GARAGE FLOOR | |
| BF. BASEMENT FLOOR | |
| CONCRETE | |
| 103.16' MAIL | |
| ○ SIB SET IRON BAR | |
| ● FB FOUND IRON BAR | |
| ● F-MON FOUND C. MONUMENT | |



PROPERTY DESCRIPTION

Property Description: 20-10-426-029
A parcel of land in the SE 1/4 of Section 10, T.2N., R.11E., City of Troy, Oakland County, Michigan described as: Commencing at the East 1/4 corner Section 10; thence S.89°55'48"E, 43.01 feet along the east/west 1/4 line of Section 10 to the 43.01 foot right of way line S.01°18'36"E, 86.02 feet; thence S.89°55'48"E, 245.53 feet to the N.00°02'24"W, 86.00 feet along said line N.89°55'48"E, 243.63 feet to the Point of Beginning and containing 0.483 acres.

Property Description: 20-10-426-030
A parcel of land in the SE 1/4 of Section 10, T.2N., R.11E., City of Troy, Oakland County, Michigan and Part of Lots 1, 2, and 3, "Sylvanwood Gardens Subdivision," part of the SE 1/4 of Section 10, T.2N., R.11E., City of Troy (formally known as Troy Twp.), Oakland County, Michigan as recorded in Liber 13, Page 48 of Oakland County Records described as: Beginning at the SE corner of said Lot 2; thence S.89°57'00"W, 131.69 feet along the south line of Lot 2; thence S.00°02'24"W, 100.00 feet; thence S.89°57'00"W, 100.00 feet to the SW corner of said Lot 3; thence N.00°02'24"W, 142.71 feet along the west line of Lot 3; thence N.89°55'48"E, 142.75 feet to the Point of Beginning and containing 0.328 acres.

Property Description: 20-10-426-031
A parcel of land in the SE 1/4 of Section 10, T.2N., R.11E., City of Troy, Oakland County, Michigan and Part of Lots 1, 2, and 3, "Sylvanwood Gardens Subdivision," part of the SE 1/4 of Section 10, T.2N., R.11E., City of Troy (formally known as Troy Twp.), Oakland County, Michigan as recorded in Liber 13, Page 48 of Oakland County Records described as: Beginning at the SE corner of said Lot 2; thence S.89°57'00"W, 131.69 feet along the south line of Lot 2; thence S.01°18'36"E, 245.53 feet; thence S.89°57'00"W, 17.00 feet to a point on S.01°18'36"E, 245.53 feet; thence S.01°18'36"E, 28.99 feet; thence S.89°57'00"W, 17.00 feet to the 60 foot right of way of Rochester Road and the NE corner of said Lot 1; thence along said line S.01°18'36"E, 113.85 feet to the Point of Beginning and containing 0.438 acres.

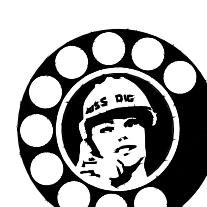
I, Jarrett L. Miller, Professional Land Surveyor of the State of Michigan, hereby state that to the best of my knowledge, information and belief, all information hereon is true and accurately shown.

Surveyor's Certificate

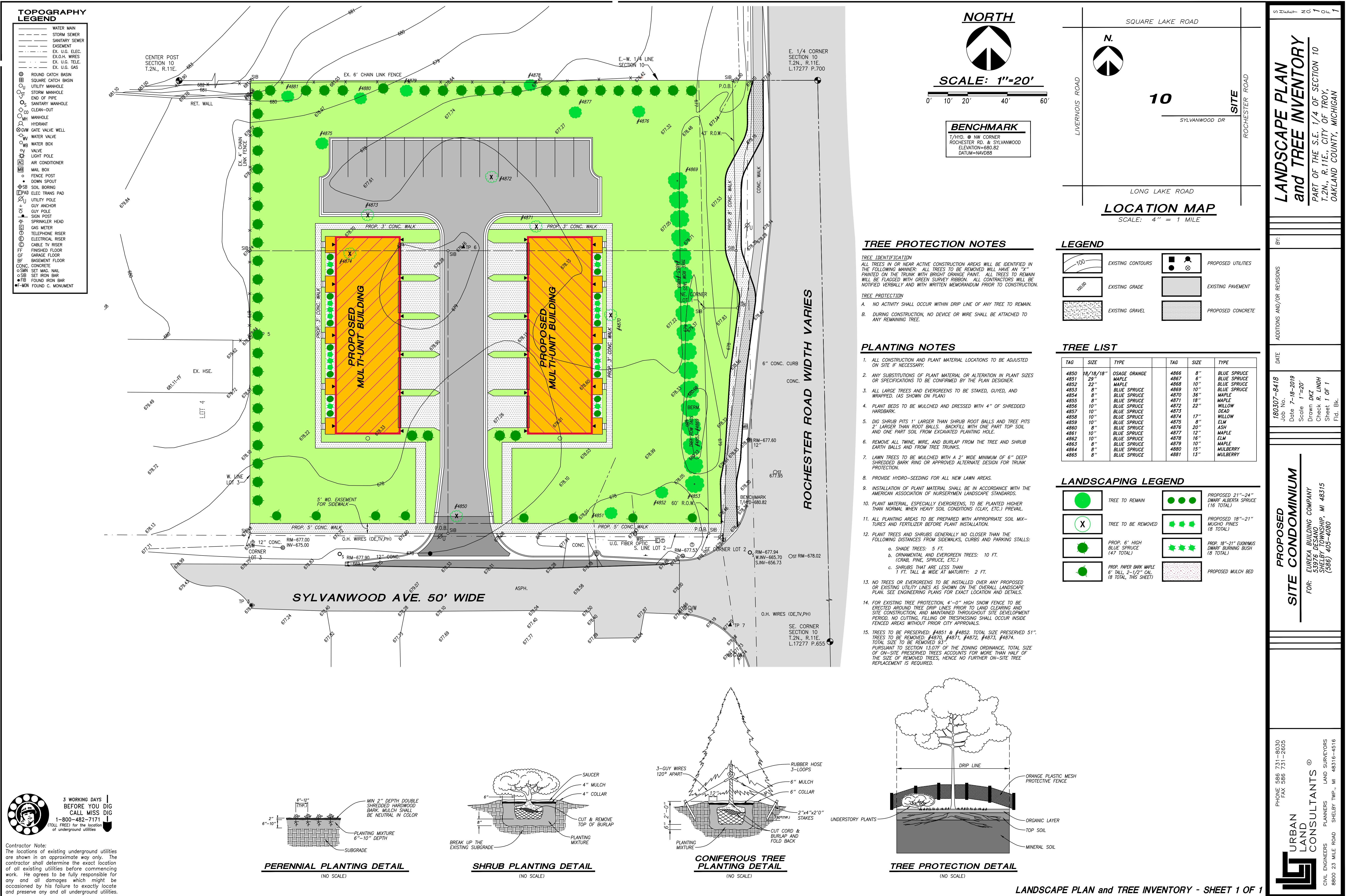
I hereby certify that I have surveyed and mapped the land above platted and/or described on November 27, 2017 and that the ratio of closure on the unadjusted field observations of such survey was 1/10,000 and that all of the requirements of P.A. 132 1970 as amended have been complied with.

Date

Jarrett L. Miller
Professional Land Surveyor
No. 5244
jmiller@urban-land.com



3 WORKING DAYS
BEFORE YOU DIG
1-800-482-7171
(TOLL FREE) for the location
of underground utilities



Rezoning Statement.

ONE (1) HARD COPY OF A PROPOSED SITE PLAN INDICATING THE SUBJECT PROPERTY AND THE BUILDINGS / USES PROPOSED TO BE CONSTRUCTED

A detailed development is not proposed at this time, since the uses will be tied directly into the requirements of the RT one family attached. Once the rezoning to RT is approved, the Planning Department will then be consulted regarding potential development site plan layouts and associated requirements under the zoning ordinance in the ordinary course of action. All site plan, and associated form-based elements, will then be addressed though a site plan submission meeting pursuant to ordinance requirements.

ONE (1) HARD COPY OF A STATEMENT INDICATING WHY, IN THE OPINION OF THE APPLICANT, THE REZONING REQUESTED IS CONSISTENT WITH THE MASTER PLAN, AND WHY SUCH A REZONING IS CONSISTENT WITH ADJACENT ZONING DISTRICTS AND USES, AND WILL NOT BE DETRIMENTAL TO THE PROPERTY OF OTHER PERSONS LOCATED IN THE VICINITY

Re-zoning to RT meets Troy Master Plan objectives by providing a transition from non-residential area & main artery roadway and lower density residential land use areas. The City of Troy Zoning Ordinance has additional requirements that must be met for all rezoning approvals. More specifically, Section 16.03(C), Rezoning Procedures, of the ordinance provides the following standards for rezoning requests:

C. Standards for Approval. A rezoning may be approved upon a finding and determination that all of the following are satisfied:

1. The proposed rezoning is consistent with the Master Plan. If the current zoning is in material conflict with the Master Plan, such conflict is due to one of the following: a. A change in City policy since the Master Plan was adopted. b. A change in conditions since the Master Plan was adopted. c. An error in the Master Plan.

The proposed rezoning of the subject site from R1-C, One Family Residential District, to RT Multi Family Residential, is consistent with the Future Land Use designation of Rochester Road in the City of Troy Master Plan. The project enables medium density residential development in one of the “Targeted Locations in Troy for Missing Middle housing.” (See Master Plan Chapter 8 Pg. 6)

Rezoning the site to RT would enable the project to satisfy the characteristics of Missing Middle Housing as noted in the Master Plan by providing for: 1. Walkable context and sense of community; Transitional density, by creating housing at densities which fall between traditional single family and multiple family; Smaller, well designed units and efficient use of space; Deemphasizing parking.

2. The proposed rezoning will not cause nor increase any non-conformity.

The proposed rezoning to RT One Family Attached will not cause or increase any non-conformity. Any new development must be in conformity with current City ordinances and Planning Department site plan review and approval as such the development will of necessity continue and transition the current theme of the neighborhood.

3. Public services and facilities affected by a proposed development will be capable of accommodating service and facility loads caused by use of the development.

The subject site is not large in size (1.2 acres) and any proposed development, in compliance with the RT One Family Attached would be easily accommodated by public services and facilities that serve the surrounding commercial and residential developments.

4. The rezoning will not impact public health, safety, or welfare.

The proposed RT designation for this site, and the associated development review process, is intended to ensure that a project does not impact the public health, safety, or welfare. The very designation of the site is intended to provide affordable housing for young families.

5. The rezoning will ensure compatibility with adjacent uses of land.

The rezoning will continue an ongoing theme in the Rochester Road corridor where a number of RT developments have been approved by the city and constructed in recent years in conformity with the Master Plan and its dictates.

ONE (1) CD CONTAINING AN ELECTRONIC VERSION OF THE COMPLETE REZONING APPLICATION

A flash drive with the complete application is provided



Carlisle | Wortman
ASSOCIATES, INC.

117 NORTH FIRST STREET SUITE 70 ANN ARBOR, MI 48104 734.662.2200 734.662.1935 FAX

Date: September 24, 2019

**Rezoning Analysis
For
City of Troy, Michigan**

| | |
|------------------------------|---|
| Project Name: | Sylvanwood Court RT Development |
| Location: | 5395 Rochester Road |
| Current Zoning: | R-1C, One-Family Residential |
| Proposed Rezoning: | RT, One-Family Attached Residential |
| Action Requested: | Rezone to RT, One-Family Attached Residential |
| Required Information: | As provided within this review |

PROJECT AND SITE DESCRIPTION

An application was submitted to straight rezone the property at 5395 Rochester Road from one-family residential (R-1C) to one-family attached residential (RT). There are no conditions offered by the applicant for the rezoning. The 1.20-acre site includes three (3) parcels. Two (2) parcels are vacant and one (1) parcel is improved with a single-family home.

In late 2018, the Planning Commission recommended Conditional Rezoning of the site, with the condition of the rezoning to be the site plan. The site plan proposed to construct ten (10) multiple family units, 30-feet in height. If the site was straight rezoned to RT, ten (10) units, 30-feet in height, would still be the maximum density and height.

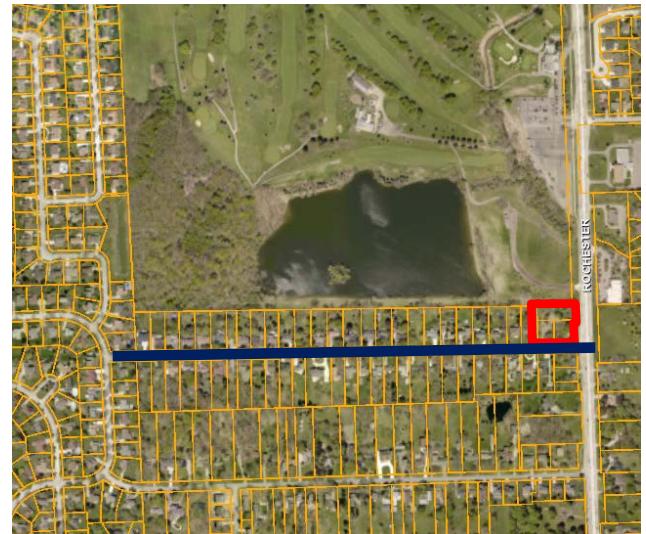
On November 27, 2018, the Planning Commission recommended approval of the proposed conditional rezoning and site plan on a vote of 6-2. On July 8, 2019, the Troy City Council held a public hearing on the meeting. After receiving public comments and City Council deliberation, the City Council voted 7-0 to deny the conditional rezoning.

An aerial image of the subject site is depicted in **Figure 1**.

Figure 1: Subject Site



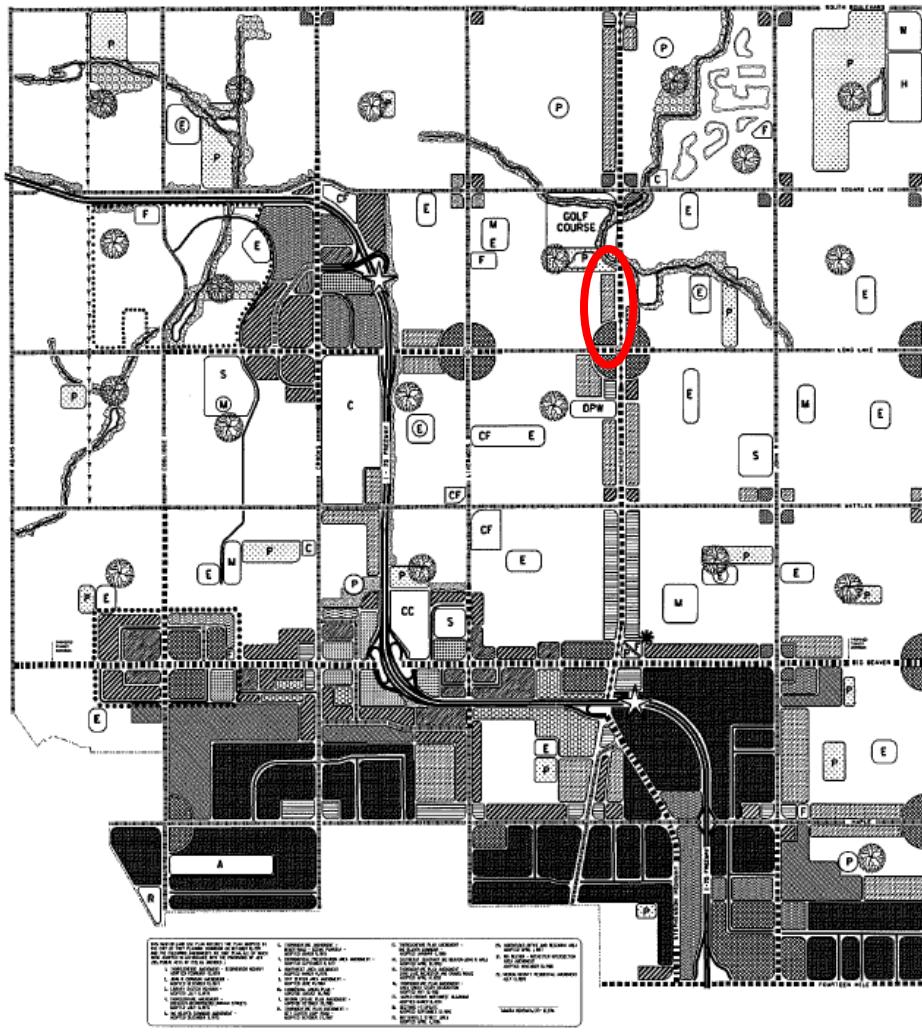
Sylvanwood (outlined in Blue) is a paved street, approximately 22-feet in road paving width, with approximately +/- 53 houses street fronting on it.



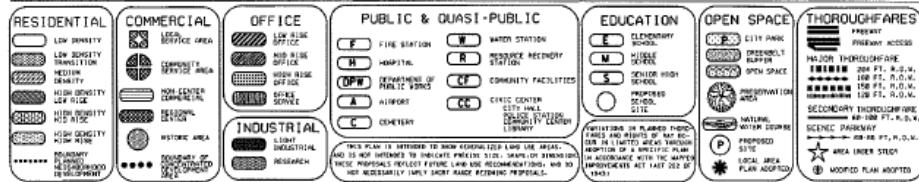
MASTER PLAN (HISTORY AND CURRENT)

In 1999, the city updated the Master Land Use Plan. During the process, the city spent considerable amount of time and input deliberating the future use of key corridors including Big Beaver, Crooks, Maple, and Rochester. Due to traffic volume, noise, and market economics, the Future Land Use Plan recognized parcels that abut major mile corridors such as Rochester would be difficult to develop or redevelop as single-family residential. For this reason, the city considered alternative land use patterns along these corridors that were contextually relevant and compatible with surrounding and adjacent land use.

The 1999 amended Master Land Use Plan , added medium density residential along Rochester Road north of Wattles.



CITY OF TROY MASTER LAND USE PLAN



In 2002, the City adopted a Future Land Use Plan, which retained medium density residential along Rochester Road north of Wattles. In 2008, the City comprehensively updated the Master Plan. The process of updating the Master Plan included a significant public participation component that included numerous opportunities for public input. The 2008 comprehensive update to the Master Plan also retained medium density residential along Rochester Road north of Wattles.

The Master Plan was updated in 2017, also retained medium density residential along Rochester Road north of Wattles. From a land use perspective, the updated 2017 Master Plan calls for this site:

North of Long Lake Road, the land use pattern evolves, becoming a mix of commercial and office near the intersections and older single-family homes and multiple-family complexes in between.

Uses along Rochester Road will include a variety of mixed uses, established in a “pulsing” pattern where the most intense mixed-use or exclusively non-residential development will occur near the Neighborhood Nodes situated along its main intersections. Lower-impact uses, such as small scale retail or condominiums should be encouraged along the corridor frontage between these nodes.....The areas between nodes should develop as lower-rise office and multiple-family. The height differences encourage a visual “pulse.” (pg. 87-88)

This section of Rochester Road Master Plan also calls for use of innovative stormwater management:

Ultimately, the Rochester Road Corridor will become a regional showcase for effective stormwater management and enhancement of the natural environment, while encouraging a combination of high-quality land uses. Effective landscaping focused on native plantings, and improved land use and access management along Rochester will create a green corridor that provides a high level of service for motorists, and which provides an effective natural buffer between high traffic volumes and people visiting adjacent properties. The creation of this green corridor would occur primarily in the right-of-way along road frontages and in the median of a future boulevard.

New construction along the corridor may include detention and retention basins that work together from site-to-site with other features to create a continuous, linear landscape feature. By connecting properties, the basins create visual relief from traffic. Low impact development methods will be used throughout the corridor to filter stormwater runoff. (pg. 87)

The site has been master-planned for medium density multiple family residential for 20 years. We find that a rezoning to RT, One-Family Attached Residential District complies with the Master Plan.

PROPOSED DEVELOPMENT VS. BY-RIGHT

The stated intent of the RT, One Family Attached Residential is as follows:

SECTION 4.07 RT ONE-FAMILY ATTACHED RESIDENTIAL DISTRICT

A. Intent. The intent of the RT, One-Family Attached Residential District is to provide medium density residential areas in those areas which are served with public sewer and water, and where attached forms of residential development achieves the objectives of the Master Plan. The District is designed primarily to permit attached residential dwellings which may serve as a transition between high intensity or nonresidential use areas, and lower density residential land use areas. The RT District is further intended to provide medium density residential development in compact areas so as to encourage walkability.

The RT, One-family Attached Residential District is consistent with the medium density residential as contemplated in the Master Plan.

The table below outlines the development differences of the proposed plan versus what could be done by-right under the current zoning:

| | By-Right R-1C Zoning | Proposed by applicant if rezoned to RT Zoning |
|-------------------|--|---|
| Density | 4 single-family detached lots via a site condominium | 10 multiple family units |
| Height | 2.5 stories and 30 feet | 2.5 stories and 30 feet |
| Setbacks | Front: 30 feet Sides: 15 feet Rear: 40 feet | Front (Rochester): 50 feet Front (Sylvanwood): 25 feet Sides: 5 single / 15 total feet Rear: 35 feet |
| Open Space | Max % of lot covered by building: 30% | Max % of lot covered by building: 30% |

If rezoned the maximum number and height of units if rezoned would be ten (10) units, 30-feet in height.

SITE ACCESS AND CIRCULATION

Due to intersection distance requirements, access for future development, regardless if rezoned or not, would remain off Sylvanwood.

TRAFFIC STUDY

Based upon the 10-unit plan previously submitted by the applicant, the City's traffic consultant, OHM, conducted a traffic review. See the OHM memo for additional details. OHM's review concludes:

During the morning (AM) peak hour, the proposed Sylvanwood condominium development is expected to generate 5 new trips: 1 inbound (entering the site), and 4 outbound (exiting the site). During the evening (PM) peak hour, the proposed site is expected to generate 8 new vehicle trips: 5 inbound (entering the site) trips, and 3 outbound (exiting the site). This pattern coincides with residents typically leaving in the morning for work, and returning home in the evening.

On Sylvanwood Drive, the development would result in slight increases to traffic volumes, amounting to one additional vehicle every 7-8 minutes during "rush hour". Most drivers would not even notice this additional traffic.

In conclusion, the traffic impacts as a result of the proposed development are very minimal and are not expected to significantly worsen traffic conditions on Sylvanwood Drive or Rochester Road.

REZONING STANDARDS

As set forth in Section 16.03.C, the Planning Commission shall consider the following standards:

1. *The proposed rezoning is consistent with the Master Plan. If the current zoning is in material conflict with the Master Plan, such conflict is due to one of the following:*
 - a. *A change in City policy since the Master Plan was adopted.*
 - b. *A change in conditions since the Master Plan was adopted.*
 - c. *An error in the Master Plan.*
2. *The proposed rezoning will not cause nor increase any non-conformity.*
3. *Public services and facilities affected by a proposed development will be capable of accommodating service and facility loads caused by use of the development.*
4. *The rezoning will not impact public health, safety, or welfare.*
5. *The rezoning will ensure compatibility with adjacent uses of land.*

We find that the rezoning standards have been met:

- The site has been master planned for medium density residential for 20 years.

- Rezoning the site that abut Rochester Road from R-1C, One-Family Residential District to RT, One-Family Attached Residential District is consistent with the Master Plan.
- Rezoning the site to RT, One-Family Attached Residential District provides a transition from the heavily traveled Rochester Road arterial to the adjacent neighborhood.
- Innovative stormwater management can be required and confirmed during the site planning process.
- The rezoning will permit a maximum of 10 townhome units, as compared to four (4) single-family homes permitted with the current R-1C Zoning. Six (6) more units than what can be built with the current zoning will not adversely impact the public health, safety, and welfare of the neighborhood.
- Based on the maximum number of ten (10) units that could be constructed if built, the traffic impact analysis concludes that *"The traffic impacts as a result of the proposed development are very minimal and are not expected to significantly worsen traffic conditions on Sylvanwood Drive or Rochester Road."*

RECOMMENDATIONS

We recommend rezoning of the properties from R-1C, One-Family Residential District to RT, One-Family Attached Residential District


CARLISLE/WORTMAN ASSOC., INC.
Benjamin R. Carlisle, AICP, LEED AP

PUBLIC HEARING – SYLVANWOOD COURT RT DEVELOPMENT REZONING REQUEST (Z JPLN2019-0015) – Proposed Sylvanwood Court RT Development Rezoning, Northwest Corner of Rochester and Sylvanwood (88-20-10-426-029, 88-20-10-426-030, 88-20-10-426-031), Section 10, From R-1C (One Family Residential) Zoning District to RT (One Family Attached Residential) Zoning District

Mr. Savidant presented a background and history of a previous Conditional Rezoning request for the subject property. He explained the request before the Board this evening is a straight rezoning request with no conditions attached to it. Mr. Savidant reviewed the City's Land Use Policies along Rochester Road dating back to 1999 and stated the City's Land Use Policies for the last 20 years have called for medium density residential along Rochester Road and north of Wattles.

Mr. Carlisle reviewed the rezoning request application and compared what could be developed by-right with R-1C zoning versus what could be developed with the proposed RT zoning. He addressed the traffic review and findings of the City Traffic Consultant (OHM) and the Rezoning Standards for consideration by the Planning Commission. Mr. Carlisle recommended that the Planning Commission recommend to City Council to grant the rezoning request.

Erion Nikolla said the rezoning request is to develop multiple family residential at this site which is consistent with the Master Plan. Mr. Nikolla said the proposed development would be very similar to the conceptual plan submitted in the application.

There was discussion on:

- Master Plan classification along Rochester Road.
- Correlation between previously denied Conditional Rezoning request and traditional Rezoning Request before the Board this evening.
- Proposed development as relates to adjacent single family residential and City right-of-way.
- Conceptual plan; non-binding.
- Density and building height permitted in RT zoning district.

PUBLIC HEARING OPENED

The following people spoke in opposition expressing concerns with traffic, traffic study results, compatibility with existing neighborhood, property values, density, snow removal, safety of children and pedestrians, access off Sylvanwood and parking.

- Don Tarr, 937 Sylvanwood
- Daniel Levitt, 871 Sylvanwood
- Richard Lisowski, 5697 Wright
- Marcia Bossenberger, 369 Ottawa
- April Orselli, 894 Sylvanwood
- Tara Hulett, 948 Sylvanwood
- Allison Peck, 863 Sylvanwood
- Christine Simancik, 5464 Whitehaven
- Matthew Mikiczenko, 625 Sylvanwood
- David Orselli, 894 Sylvanwood
- Danuta Sitarczyk, 895 Sylvanwood
- Nathaniel Wilkowski, 1396 Byron Lane
- Jeanne Mikiczenko, 625 Sylvanwood
- Chris Sarsfield, 773 Sylvanwood
- Pierre Harik, 692 Sylvanwood
- Dorothy Clendening, 5371 Rochester
- Mike Donahue, 962 Sylvanwood
- Robert Flora, 607 Sylvanwood
- Surab Shrestha, 674 Sylvanwood

PUBLIC HEARING CLOSED

Discussion continued:

- Role of Planning Commission; recommending body, legal constraints.
- Rezoning request as relates to Master Plan and Rezoning Standards.
- City Traffic Consultant findings; trip generations.
- Access; off Sylvanwood or Rochester.
- Right-of-way acquisition; site plan requirement to meet ultimate right-of-way.
- Existing traffic and safety concerns; speeding, cut-through, no sidewalks.

Mr. Lambert addressed concerns of compatibility with adjacent single family residential, as relates to Rezoning Standard No. 5.

Chair Faison addressed concerns with public health, safety and welfare of potential traffic impact resulting from access off Sylvanwood, as relates to Rezoning Standard No. 4.

Resolution # PC-2019-10-069

Moved by: Hutson

Support by: Tagle

RESOLVED, That the Planning Commission hereby recommends to the City Council that the R-1C to RT rezoning request, as per Section 16.03 of the City of Troy Zoning Ordinance, located on the northwest corner of Rochester and

Sylvanwood, within Section 10, being approximately 1.2 acres in size, be **GRANTED** for the following reasons:

1. The proposed rezoning is consistent with the Master Plan.
2. The proposed rezoning does not appear to cause or increase any nonconformity.
3. If rezoned the property will be capable of accommodating service and facility loads caused by use of the development.
4. The rezoning does not appear to impact public health, safety or welfare.
5. The rezoning will ensure compatibility with adjacent uses of land.

Yes: Apahidean, Crusse, Fowler, Hutson, Tagle

No: Faison, Krent, Lambert, Rahman

MOTION CARRIED

memorandum

Date: December 6, 2019

To: Bill Huotari, PE
CC: Stephen Dearing, PE, PTOE
From: Stephan Maxe, PE

Re: Speeding/Cut-Through Traffic Concerns on Sylvanwood Drive

Introduction

There are resident concerns related to the development of 10 units of condominiums on Sylvanwood Drive at the intersection with Rochester Road. This is due to the perceived existing issue of speeding along Sylvanwood Drive as well as cut through traffic. In order to address these concerns a speed and volume study was conducted on Sylvanwood Drive, Trinway Road and Creston Road as these are all parallel streets with access to Rochester Road in the area of the proposed development. This study will also investigate if there is cut through traffic and discuss possible countermeasures.

Speed and Volume Study

As requested, speed and volume data has been collected on Sylvanwood Drive, Trinway Road and Creston Road west of Rochester Road. The data has been processed and summarized. Attached to this memo is the actual data collected for both speed and volumes. The posted speed limit is 25 mph on all 3 roads. Data was collected for a time period spanning from October 11, 2019 to October 28, 2019.



Table 1 - Speed Data Results

| Sylvanwood Drive | | |
|-----------------------------------|------------------|------------------|
| | Westbound | Eastbound |
| 85 th Percentile (MPH) | 29 | 33 |
| Mean Speed (MPH) | 24 | 27 |
| 10 MPH Pace Speed (MPH) | 21-30 | 21-30 |
| Percent in Pace (%) | 66.7 | 58.8 |
| Violation Rate (%) | 48.0 | 67.7 |
| Trinway Road | | |
| | Westbound | Eastbound |
| 85 th Percentile (MPH) | 30 | 34 |
| Mean Speed (MPH) | 25 | 28 |
| 10 MPH Pace Speed (MPH) | 21-30 | 26-35 |
| Percent in Pace (%) | 62.4 | 59.0 |
| Violation Rate (%) | 49.1 | 71.6 |
| Creston Road | | |
| | Westbound | Eastbound |
| 85 th Percentile (MPH) | 34 | 36 |
| Mean Speed (MPH) | 26 | 30 |
| 10 MPH Pace Speed (MPH) | 26-35 | 26-35 |
| Percent in Pace (%) | 48.4 | 54.9 |
| Violation Rate (%) | 60.1 | 76.2 |

Based on Table 1, at all 3 locations, the 85th percentile speed is higher than the posted speed limit of 25 mph for both directions.

Table 2 is a day-by-day summary of the traffic volumes along Sylvanwood Drive, Trinway Road and Creston Road. On average, eastbound traffic volumes (entering the neighborhood) are higher on all the study roadways.



Table 2 –Traffic Volumes

| Sylvanwood Drive | | | |
|---------------------------------------|------------------|------------------|--------------|
| Day | Westbound | Eastbound | Total |
| Saturday 10/12 | 213 | 209 | 422 |
| Sunday 10/13 | 209 | 195 | 404 |
| Monday 10/14 | 246 | 284 | 530 |
| Tuesday 10/15 | 268 | 288 | 556 |
| Wednesday 10/16 | 249 | 270 | 519 |
| Thursday 10/17 | 263 | 297 | 560 |
| Average Weekday Daily Traffic* | 261 | 285 | 546 |
| Average Weekend Daily Traffic | 211 | 202 | 413 |
| Trinway Road | | | |
| Day | Westbound | Eastbound | Total |
| Saturday 10/12 | 216 | 269 | 485 |
| Sunday 10/13 | 174 | 224 | 398 |
| Monday 10/14 | 206 | 294 | 500 |
| Tuesday 10/15 | 239 | 324 | 563 |
| Wednesday 10/16 | 213 | 316 | 529 |
| Thursday 10/17 | 246 | 336 | 582 |
| Average Weekday Daily Traffic* | 133 | 325 | 558 |
| Average Weekend Daily Traffic | 195 | 247 | 442 |
| Creston Road | | | |
| Day | Westbound | Eastbound | Total |
| Tuesday 10/22 | 151 | 293 | 444 |
| Wednesday 10/23 | 128 | 404 | 532 |
| Thursday 10/24 | 138 | 327 | 465 |
| Friday 10/25 | 148 | 278 | 426 |
| Saturday 10/26 | 123 | 194 | 317 |
| Sunday 10/28 | 103 | 134 | 237 |
| Average Weekday Daily Traffic* | 139 | 341 | 480 |
| Average Weekend Daily Traffic | 113 | 164 | 277 |

Table 3 shows the percentage of the total traffic in each speed range.



Table 3 –Percent Traffic Volume in Each Speed Range

| Sylvanwood Drive | | |
|-------------------------|------------------|------------------|
| Speed Range | Westbound | Eastbound |
| 1-15 | 9.8% | 7.7% |
| 16-20 | 6.4% | 5.6% |
| 21-25 | 31.3% | 19.0% |
| 26-30 | 35.4% | 35.2% |
| 31-35 | 9.8% | 23.6% |
| 36-40 | 2.1% | 7.5% |
| 41-45 | 0.3% | 1.4% |
| Trinway Road | | |
| Speed Range | Westbound | Eastbound |
| 1-15 | 7.8% | 6.9% |
| 16-20 | 12.4% | 5.0% |
| 21-25 | 30.7% | 16.4% |
| 26-30 | 31.7% | 32.0% |
| 31-35 | 14.3% | 27.0% |
| 36-40 | 2.7% | 10.4% |
| 41-45 | 0.3% | 1.9% |
| Creston Road | | |
| Speed Range | Westbound | Eastbound |
| 1-15 | 11.7% | 6.6% |
| 16-20 | 9.0% | 3.8% |
| 21-25 | 19.3% | 13.4% |
| 26-30 | 27.7% | 26.3% |
| 31-35 | 20.7% | 28.6% |
| 36-40 | 8.8% | 16.3% |
| 41-45 | 2.4% | 3.9% |

Cut-Through Traffic

There are over 200 single-family homes in the southeast quadrant of the square mile bounded by Long Lake Road, Livernois Road, Rochester Road and Square Lake Road. There are even more in the western part of this square mile as the lots are more compact. This southeast quadrant has access to/from Rochester Road via Sylvanwood Drive, Trinway Road and Creston Road as well as to/from Long Lake Road via Somerton Drive and Falmouth Drive.

The ITE trip generation manual: 10th Edition was used to determine the expected number of vehicle trips to/from the neighborhood. This number can be compared to the volume data collected to see if there is a higher number of trips which would imply that there is cut through traffic occurring. According to the ITE trip generation manual a single-family home generates 9.44 trips per weekday. 200 homes would be expected to generate 1,888 trips in an average weekday. The number of vehicle trips counted on an average weekday for Sylvanwood Drive, Trinway Road and Creston Road was 1,584. This is less than the projected number of trips generated by the houses. While many of these houses may be accessed from Long Lake Road via Somerton Drive and Falmouth Drive, there are also many other houses in the neighborhood that could be using these routes.



In summary, there is not an obvious case of vehicles utilizing Sylvanwood Drive, Trinway Road or Creston Road as a cut-through between the major (arterial) roads.

Traffic Calming

Traffic calming measures are used to reduce vehicle speeds, volumes, or both to improve the safety and comfort of pedestrians and bicyclists. Lower traffic volumes reduce the number of potential conflicts between pedestrians or bikes and vehicles, while lower rates of speed reduce the likelihood of severe injury in the event a crash occurs, as well as provide more time to perceive and react to potential conflicts, such as a pedestrian crossing the road. However, installing calming measures remains a trade-off, as it reduces the efficient travel of vehicles – including essential public services like police, fire trucks, school buses, snow removal, and trash collection.

Most traffic calming measures include physical alterations intended to slow traffic, by forcing vehicles to maneuver around or over obstacles. These alterations may consist of center islands, curb bulb-outs, chicanes, mini roundabouts, and speed tables, to name a few. Calming measures to reduce traffic volumes involve restricting vehicle access, such as installing barriers or by street closures. However, because these also impact emergency vehicles, DPW maintenance, and other essential services, proposed measures must judiciously consider overall public safety and mobility needs.

Resident concerns and the speed study conducted do show that speeds on all 3 streets have high violation rates with speeds over 25 mph on average. All 3 streets are straight roadways with no horizontal or vertical curves or traffic control measures between their end points.

Initially, we recommend first applying education & enforcement strategies that do not physically modify the street, such as supplementing law enforcement patrols with a neighborhood speed watch program or a neighborhood awareness campaign. If speeding concerns persist, we suggest consideration of a horizontal deflection, such as a chicane or reducing the width of the street through the installation of a median island or curb modifications.

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None

Sylvanwood
W of Rochester

| Start Time | 07-Oct-19 | | Tue | | Wed | | Thu | | Fri | | Sat | | Sun | | Week Average | | |
|--------------|-----------|----|-----|----|-----|----|-----|----|-------|-------|-------|-------|-------|-------|--------------|-------|----|
| | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | |
| 12:00 AM | * | * | * | * | * | * | * | * | * | * | 2 | 0 | 3 | 6 | 2 | 3 | |
| 01:00 | * | * | * | * | * | * | * | * | * | * | 1 | 0 | 3 | 2 | 2 | 1 | |
| 02:00 | * | * | * | * | * | * | * | * | * | * | 2 | 1 | 0 | 0 | 1 | 0 | |
| 03:00 | * | * | * | * | * | * | * | * | * | * | 3 | 0 | 1 | 0 | 2 | 0 | |
| 04:00 | * | * | * | * | * | * | * | * | * | * | 0 | 1 | 3 | 1 | 2 | 1 | |
| 05:00 | * | * | * | * | * | * | * | * | * | * | 2 | 1 | 1 | 0 | 2 | 0 | |
| 06:00 | * | * | * | * | * | * | * | * | * | * | 0 | 3 | 1 | 1 | 0 | 2 | |
| 07:00 | * | * | * | * | * | * | * | * | * | * | 0 | 7 | 3 | 0 | 2 | 4 | |
| 08:00 | * | * | * | * | * | * | * | * | * | * | 4 | 12 | 4 | 14 | 4 | 13 | |
| 09:00 | * | * | * | * | * | * | * | * | * | * | 3 | 13 | 9 | 13 | 6 | 13 | |
| 10:00 | * | * | * | * | * | * | * | * | * | * | 6 | 10 | 10 | 12 | 8 | 11 | |
| 11:00 | * | * | * | * | * | * | * | * | * | * | 14 | 21 | 10 | 16 | 12 | 18 | |
| 12:00 PM | * | * | * | * | * | * | * | * | * | * | 20 | 11 | 14 | 14 | 17 | 12 | |
| 01:00 | * | * | * | * | * | * | * | * | * | 16 | 10 | 17 | 16 | 15 | 21 | 16 | 16 |
| 02:00 | * | * | * | * | * | * | * | * | * | 15 | 13 | 18 | 15 | 14 | 14 | 16 | 14 |
| 03:00 | * | * | * | * | * | * | * | * | * | 14 | 22 | 20 | 19 | 20 | 12 | 18 | 18 |
| 04:00 | * | * | * | * | * | * | * | * | * | 20 | 25 | 18 | 14 | 24 | 16 | 21 | 18 |
| 05:00 | * | * | * | * | * | * | * | * | * | 18 | 25 | 22 | 13 | 20 | 11 | 20 | 16 |
| 06:00 | * | * | * | * | * | * | * | * | * | 19 | 26 | 23 | 16 | 18 | 15 | 20 | 19 |
| 07:00 | * | * | * | * | * | * | * | * | * | 10 | 13 | 16 | 13 | 10 | 11 | 12 | 12 |
| 08:00 | * | * | * | * | * | * | * | * | * | 18 | 9 | 5 | 6 | 6 | 4 | 10 | 6 |
| 09:00 | * | * | * | * | * | * | * | * | * | 10 | 8 | 9 | 3 | 12 | 9 | 10 | 7 |
| 10:00 | * | * | * | * | * | * | * | * | * | 6 | 6 | 4 | 9 | 5 | 2 | 5 | 6 |
| 11:00 | * | * | * | * | * | * | * | * | * | 6 | 3 | 4 | 5 | 3 | 1 | 4 | 3 |
| Lane Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 152 | 160 | 213 | 209 | 209 | 195 | 212 | 213 | |
| AM Peak Vol. | - | - | - | - | - | - | - | - | - | - | 11:00 | 11:00 | 10:00 | 11:00 | 11:00 | 11:00 | |
| PM Peak Vol. | - | - | - | - | - | - | - | - | 16:00 | 18:00 | 18:00 | 15:00 | 16:00 | 13:00 | 16:00 | 18:00 | |
| | - | - | - | - | - | - | - | - | 20 | 26 | 23 | 19 | 24 | 21 | 21 | 19 | |

Weather: Various
 Serial Number: 32214
 Installed by: Matt Clark
 Other Notes: None

OHM Advisors
 34000 Plymouth Road
 Livonia, MI 48150
Advancing Communities

Sylvanwood
 W of Rochester

| Start Time | 14-Oct-19 | | Tue | | Wed | | Thu | | Fri | | Sat | | Sun | | Week Average | |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|--------|--------|--------|--------------|-------------|
| | WB | EB | WB | EB | WB | EB | WB | EB |
| 12:00 AM | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | * | * | * | * | 0 | 1 |
| 01:00 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | * | * | * | * | 1 | 0 |
| 02:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | 0 | 0 |
| 03:00 | 1 | 0 | 3 | 0 | 1 | 1 | 2 | 1 | 1 | 1 | * | * | * | * | 2 | 1 |
| 04:00 | 0 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 2 | * | * | * | * | 1 | 1 |
| 05:00 | 0 | 5 | 1 | 4 | 0 | 3 | 2 | 4 | 0 | 2 | * | * | * | * | 1 | 4 |
| 06:00 | 4 | 10 | 4 | 13 | 4 | 9 | 4 | 3 | 3 | 9 | * | * | * | * | 4 | 9 |
| 07:00 | 12 | 20 | 16 | 19 | 14 | 25 | 12 | 25 | 11 | 22 | * | * | * | * | 13 | 22 |
| 08:00 | 21 | 35 | 21 | 33 | 18 | 25 | 16 | 29 | 14 | 22 | * | * | * | * | 18 | 29 |
| 09:00 | 14 | 9 | 14 | 13 | 12 | 11 | 9 | 9 | 9 | 16 | * | * | * | * | 12 | 12 |
| 10:00 | 9 | 9 | 14 | 7 | 12 | 15 | 7 | 21 | 9 | 10 | * | * | * | * | 10 | 12 |
| 11:00 | 11 | 14 | 11 | 14 | 7 | 9 | 15 | 15 | 20 | 11 | * | * | * | * | 13 | 13 |
| 12:00 PM | 20 | 22 | 10 | 12 | 16 | 13 | 18 | 25 | 30 | 27 | * | * | * | * | 19 | 20 |
| 01:00 | 13 | 14 | 18 | 17 | 18 | 10 | 9 | 17 | 30 | 10 | * | * | * | * | 18 | 14 |
| 02:00 | 16 | 25 | 14 | 22 | 21 | 19 | 23 | 17 | 12 | 14 | * | * | * | * | 17 | 19 |
| 03:00 | 19 | 26 | 23 | 20 | 24 | 28 | 22 | 20 | * | * | * | * | * | * | 22 | 24 |
| 04:00 | 15 | 16 | 22 | 17 | 13 | 22 | 20 | 20 | * | * | * | * | * | * | 18 | 19 |
| 05:00 | 27 | 27 | 21 | 35 | 24 | 25 | 31 | 29 | * | * | * | * | * | * | 26 | 29 |
| 06:00 | 19 | 14 | 25 | 24 | 16 | 23 | 18 | 21 | * | * | * | * | * | * | 20 | 20 |
| 07:00 | 21 | 18 | 14 | 13 | 24 | 13 | 14 | 14 | * | * | * | * | * | * | 18 | 14 |
| 08:00 | 13 | 9 | 19 | 16 | 17 | 10 | 23 | 15 | * | * | * | * | * | * | 18 | 12 |
| 09:00 | 4 | 5 | 7 | 3 | 3 | 5 | 10 | 6 | * | * | * | * | * | * | 6 | 5 |
| 10:00 | 2 | 1 | 3 | 3 | 3 | 3 | 4 | 3 | * | * | * | * | * | * | 3 | 2 |
| 11:00 | 4 | 1 | 4 | 0 | 2 | 1 | 2 | 1 | * | * | * | * | * | * | 3 | 1 |
| Lane Day | 246 530 | 284 553 | 268 556 | 288 519 | 249 519 | 270 560 | 263 560 | 297 287 | 140 0 | 147 0 | 0 0 | 0 0 | 0 0 | 0 0 | 263 546 | 283 |
| AM Peak Vol. | 08:00 21 | 08:00 35 | 08:00 21 | 08:00 33 | 08:00 18 | 07:00 25 | 08:00 16 | 08:00 29 | 11:00 20 | 07:00 22 | - - | - - | - - | - - | 08:00 18 | 08:00 29 |
| PM Peak Vol. | 17:00 27 | 17:00 27 | 18:00 25 | 17:00 35 | 15:00 24 | 15:00 28 | 17:00 31 | 17:00 29 | 12:00 30 | 12:00 27 | - - | - - | - - | - - | 17:00 26 | 17:00 29 |

| | | | | | | | | |
|-------------|---------|----------|-----|-----|-----|-----|-----|-----|
| Comb. Total | 530 | 556 | 519 | 560 | 599 | 422 | 404 | 971 |
| ADT | ADT 545 | AADT 545 | | | | | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Sylvanwood
W of Rochester

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None
WB

| Start Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | Total | Pace Speed | Number in Pace | |
|--------------|-------|-------|-------|-------|-------|-------|------|-------|------|------|------|------|------|------|-------|------------|----------------|----|
| 10/11/19 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 01:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 02:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 03:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 04:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 05:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 06:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 07:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 08:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 09:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 10:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 11:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 12 PM | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 13:00 | 7 | 2 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 7 | |
| 14:00 | 0 | 1 | 1 | 9 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 25-34 | 12 |
| 15:00 | 1 | 1 | 3 | 6 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 9 |
| 16:00 | 0 | 3 | 12 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 16-25 | 15 |
| 17:00 | 0 | 1 | 6 | 5 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 11 |
| 18:00 | 1 | 4 | 6 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 21-30 | 12 |
| 19:00 | 0 | 1 | 4 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 7 |
| 20:00 | 2 | 2 | 8 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 14 |
| 21:00 | 0 | 3 | 1 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 6 |
| 22:00 | 0 | 0 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 16-25 | 4 |
| 23:00 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 16-25 | 6 |
| Total | 11 | 18 | 53 | 48 | 16 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 152 | | |
| Percent | 7.2% | 11.8% | 34.9% | 31.6% | 10.5% | 3.3% | 0.0% | 0.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | | | | | | | | | | | | | | | | | | |
| PM Peak Vol. | 13:00 | 18:00 | 16:00 | 14:00 | 17:00 | 14:00 | | 15:00 | | | | | | | | 16:00 | | |
| | 7 | 4 | 12 | 9 | 5 | 1 | | 1 | | | | | | | | 20 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None
WB

Sylvanwood
W of Rochester

| Start Time | 15 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|----------|----------|----------|-----------|----------|----------|------|------|------|------|------|------|------|------|-----------|------------|----------------|
| 10/12/19 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 19-28 | 2 |
| 01:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 02:00 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 19-28 | 2 |
| 03:00 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 20-29 | 2 |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 20-29 | 2 |
| 06:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 07:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 08:00 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 14-23 | 2 |
| 09:00 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 14-23 | 2 |
| 10:00 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 15-24 | 4 |
| 11:00 | 2 | 2 | 3 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 8 |
| 12 PM | 2 | 2 | 3 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 26-35 | 13 |
| 13:00 | 0 | 3 | 5 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21-30 | 11 |
| 14:00 | 0 | 0 | 7 | 8 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 15 |
| 15:00 | 1 | 1 | 3 | 13 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 21-30 | 16 |
| 16:00 | 0 | 2 | 4 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 14 |
| 17:00 | 3 | 1 | 6 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 21-30 | 15 |
| 18:00 | 1 | 6 | 5 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 20-29 | 13 |
| 19:00 | 0 | 0 | 5 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 13 |
| 20:00 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 20-29 | 5 |
| 21:00 | 0 | 0 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 8 |
| 22:00 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 25-34 | 4 |
| 23:00 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 16-25 | 3 |
| Total | 10 | 21 | 57 | 96 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 213 | | |
| Percent | 4.7% | 9.9% | 26.8% | 45.1% | 12.2% | 1.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| AM Peak Vol. | 11:00 | 10:00 | 11:00 | 11:00 | 11:00 | | | | | | | | | | 11:00 | | |
| | 2 | 2 | 3 | 5 | 2 | | | | | | | | | | 14 | | |
| PM Peak Vol. | 17:00 | 18:00 | 14:00 | 15:00 | 12:00 | 14:00 | | | | | | | | | 18:00 | | |
| | 3 | 6 | 7 | 13 | 3 | 1 | | | | | | | | | 23 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None
WB

Sylvanwood
W of Rochester

| Start Time | 15 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|----------------|------------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|------|------|-------------|------------|----------------|
| 10/13/19 01:00 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 19-28 | 2 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 20-29 | 3 |
| 03:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * |
| 04:00 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 19-28 | 2 |
| 05:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| 06:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 07:00 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 19-28 | 3 |
| 08:00 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 16-25 | 4 |
| 09:00 | 0 | 1 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 7 |
| 10:00 | 0 | 1 | 1 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 7 |
| 11:00 | 0 | 2 | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 6 |
| 12 PM | 3 | 1 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 20-29 | 8 |
| 13:00 | 0 | 2 | 1 | 7 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 24-33 | 9 |
| 14:00 | 0 | 0 | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 14 |
| 15:00 | 0 | 4 | 5 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 21-30 | 14 |
| 16:00 | 0 | 3 | 7 | 8 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 21-30 | 15 |
| 17:00 | 2 | 1 | 5 | 9 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 21-30 | 14 |
| 18:00 | 2 | 5 | 5 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 16-25 | 10 |
| 19:00 | 1 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 7 |
| 20:00 | 0 | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 19-28 | 4 |
| 21:00 | 1 | 2 | 4 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 20-29 | 8 |
| 22:00 | 0 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 26-35 | 3 |
| 23:00 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 19-28 | 3 |
| Total | 10 | 27 | 62 | 82 | 19 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 209 | | |
| Percent | 4.8% | 12.9% | 29.7% | 39.2% | 9.1% | 3.3% | 1.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 04:00 1 | 11:00 2 | 08:00 4 | 09:00 5 | 10:00 2 | 10:00 1 | | | | | | | | | 10:00 10 | | |
| PM Peak Vol. | 12:00 3 | 18:00 5 | 16:00 7 | 14:00 9 | 16:00 4 | 13:00 3 | 16:00 1 | | | | | | | | 16:00 24 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None
WB

Sylvanwood
W of Rochester

| Start Time | 15 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|----------|----------|----------|-----------|----------|----------|------|------|------|----------|------|------|------|------|-----------|------------|----------------|
| 10/14/19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 01:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | |
| 03:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 06:00 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 15-24 | 2 |
| 07:00 | 2 | 3 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 16-25 | 6 |
| 08:00 | 4 | 1 | 7 | 5 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 21 | 21-30 | 12 |
| 09:00 | 1 | 3 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 20-29 | 10 |
| 10:00 | 0 | 1 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 7 |
| 11:00 | 2 | 0 | 3 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 21-30 | 8 |
| 12 PM | 5 | 6 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 16-25 | 8 |
| 13:00 | 0 | 2 | 3 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 8 |
| 14:00 | 3 | 1 | 4 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 11 |
| 15:00 | 2 | 1 | 9 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 21-30 | 14 |
| 16:00 | 1 | 4 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 16-25 | 11 |
| 17:00 | 3 | 4 | 6 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 21-30 | 17 |
| 18:00 | 3 | 1 | 8 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 21-30 | 15 |
| 19:00 | 8 | 3 | 3 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 20-29 | 8 |
| 20:00 | 1 | 3 | 5 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 16-25 | 8 |
| 21:00 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 20-29 | 3 |
| 22:00 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 24-33 | 2 |
| 23:00 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 20-29 | 3 |
| Total | 35 | 33 | 75 | 75 | 21 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 246 | | |
| Percent | 14.2% | 13.4% | 30.5% | 30.5% | 8.5% | 2.4% | 0.0% | 0.0% | 0.0% | 0.4% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 08:00 | 07:00 | 08:00 | 08:00 | 06:00 | 07:00 | | | | 08:00 | | | | | 08:00 | | |
| | 4 | 3 | 7 | 5 | 2 | 1 | | | | | 1 | | | | 21 | | |
| PM Peak Vol. | 19:00 | 12:00 | 15:00 | 17:00 | 13:00 | 14:00 | | | | | | | | | 17:00 | | |
| | 8 | 6 | 9 | 11 | 3 | 1 | | | | | | | | | 27 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None
WB

Sylvanwood
W of Rochester

| Start Time | 15 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|------------|------------|------------|-------------|------------|------------|------|------------|------|------|------|------|------|------|-------------|------------|----------------|
| 10/15/19 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | * | 1 |
| 01:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | |
| 03:00 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 15-24 | 2 |
| 04:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 05:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 06:00 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 13-22 | 3 |
| 07:00 | 3 | 0 | 7 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 10 |
| 08:00 | 5 | 2 | 4 | 7 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 21-30 | 11 |
| 09:00 | 2 | 1 | 4 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 9 |
| 10:00 | 3 | 3 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 8 |
| 11:00 | 1 | 1 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 21-30 | 7 |
| 12 PM | 2 | 1 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 20-29 | 7 |
| 13:00 | 1 | 3 | 8 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 20-29 | 13 |
| 14:00 | 2 | 1 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 11 |
| 15:00 | 3 | 2 | 7 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 21-30 | 17 |
| 16:00 | 3 | 5 | 6 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 20-29 | 13 |
| 17:00 | 3 | 3 | 7 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 21-30 | 15 |
| 18:00 | 5 | 4 | 4 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 26-35 | 12 |
| 19:00 | 0 | 0 | 6 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 12 |
| 20:00 | 5 | 1 | 5 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 21-30 | 9 |
| 21:00 | 0 | 0 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 26-35 | 5 |
| 22:00 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 24-33 | 3 |
| 23:00 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 21-30 | 4 |
| Total | 40 | 29 | 81 | 91 | 21 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 268 | | |
| Percent | 14.9% | 10.8% | 30.2% | 34.0% | 7.8% | 1.9% | 0.0% | 0.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| AM Peak Vol. | 08:00 5 | 10:00 3 | 07:00 7 | 08:00 7 | 08:00 2 | 07:00 2 | | 03:00 1 | | | | | | | 08:00 21 | | |
| PM Peak Vol. | 18:00 5 | 16:00 5 | 13:00 8 | 15:00 10 | 18:00 4 | 13:00 1 | | | | | | | | | 18:00 25 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None
WB

Sylvanwood
W of Rochester

| Start Time | 15 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|------|------|------|------|-------|------------|----------------|
| 10/16/19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9-18 | 1 |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 06:00 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 15-24 | 3 |
| 07:00 | 3 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 15-24 | 7 |
| 08:00 | 2 | 1 | 6 | 7 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 13 |
| 09:00 | 1 | 0 | 4 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 21-30 | 8 |
| 10:00 | 2 | 0 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 21-30 | 10 |
| 11:00 | 0 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 21-30 | 6 |
| 12 PM | 1 | 1 | 6 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 13 |
| 13:00 | 1 | 4 | 5 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 12 |
| 14:00 | 2 | 2 | 8 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 21-30 | 15 |
| 15:00 | 1 | 6 | 5 | 7 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 19-28 | 12 |
| 16:00 | 1 | 0 | 6 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 11 |
| 17:00 | 3 | 0 | 11 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 21-30 | 18 |
| 18:00 | 1 | 2 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 13 |
| 19:00 | 0 | 1 | 9 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 21-30 | 20 |
| 20:00 | 2 | 0 | 7 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21-30 | 12 |
| 21:00 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 19-28 | 3 |
| 22:00 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 19-28 | 2 |
| 23:00 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 14-23 | 1 |
| Total | 20 | 25 | 87 | 92 | 20 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 249 | | |
| Percent | 8.0% | 10.0% | 34.9% | 36.9% | 8.0% | 1.2% | 0.0% | 0.4% | 0.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 07:00 | 07:00 | 08:00 | 10:00 | 09:00 | 09:00 | | | | 08:00 | | | | | 08:00 | | |
| | 3 | 4 | 6 | 8 | 2 | 1 | | | | 1 | | | | | 18 | | |
| PM Peak Vol. | 17:00 | 15:00 | 17:00 | 19:00 | 15:00 | 16:00 | | | 15:00 | 1 | | | | | 15:00 | | |
| | 3 | 6 | 11 | 11 | 4 | 1 | | | | | | | | | 24 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None
WB

Sylvanwood
W of Rochester

| Start Time | 15 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|------------|------------|-------------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|-------------|------------|----------------|
| 10/17/19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 01:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | |
| 03:00 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 14-23 | 2 |
| 04:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| 05:00 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | * | 1 |
| 06:00 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 4 |
| 07:00 | 0 | 1 | 5 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 21-30 | 10 |
| 08:00 | 3 | 2 | 5 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 9 |
| 09:00 | 0 | 2 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 7 |
| 10:00 | 1 | 1 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 26-35 | 4 |
| 11:00 | 0 | 3 | 6 | 4 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 21-30 | 10 |
| 12 PM | 2 | 1 | 5 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 12 |
| 13:00 | 0 | 1 | 1 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 31-40 | 5 |
| 14:00 | 4 | 0 | 10 | 2 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 20-29 | 12 |
| 15:00 | 2 | 3 | 5 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 21-30 | 13 |
| 16:00 | 1 | 2 | 8 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 21-30 | 16 |
| 17:00 | 9 | 3 | 9 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 21-30 | 17 |
| 18:00 | 3 | 0 | 9 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 14 |
| 19:00 | 1 | 2 | 6 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 16-25 | 8 |
| 20:00 | 3 | 3 | 11 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 21-30 | 17 |
| 21:00 | 0 | 2 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 7 |
| 22:00 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 3 |
| 23:00 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 20-29 | 2 |
| Total | 30 | 28 | 90 | 79 | 29 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 263 | | |
| Percent | 11.4% | 10.6% | 34.2% | 30.0% | 11.0% | 1.5% | 0.4% | 0.4% | 0.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 08:00 3 | 11:00 3 | 11:00 6 | 07:00 5 | 09:00 2 | | 08:00 1 | | 11:00 1 | | | | | | 08:00 16 | | |
| PM Peak Vol. | 17:00 9 | 15:00 3 | 20:00 11 | 15:00 8 | 14:00 4 | 13:00 2 | | 14:00 1 | | | | | | | 17:00 31 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Sylvanwood
W of Rochester

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None
WB

| | Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace | | |
|-----------------|---------------|------------|------------|-------------|------------|------------|------------|------|------|------|------|------|------|------|------|-----------|---------------|-------------------|--|--|
| 10/18/19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | | |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | | |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | | |
| 03:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 | | | |
| 04:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 | | |
| 05:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | | |
| 06:00 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 16-25 | 3 | | |
| 07:00 | 0 | 0 | 6 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 21-30 | 10 | | |
| 08:00 | 4 | 2 | 2 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 6 | | |
| 09:00 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 4 | | |
| 10:00 | 0 | 0 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 9 | | |
| 11:00 | 3 | 0 | 5 | 8 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 21-30 | 13 | | |
| 12 PM | 1 | 4 | 8 | 12 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 21-30 | 20 | | |
| 13:00 | 2 | 0 | 7 | 14 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 21-30 | 21 | | |
| 14:00 | 4 | 1 | 1 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 26-35 | 5 | | |
| 15:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| 16:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| 17:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| 18:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| 19:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| 20:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| 21:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| 22:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| 23:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| Total | 15 | 9 | 39 | 53 | 19 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140 | | | |
| Percent | 10.7% | 6.4% | 27.9% | 37.9% | 13.6% | 2.1% | 1.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | |
| AM Peak Vol. | 08:00 4 | 08:00 2 | 07:00 6 | 11:00 8 | 09:00 2 | 08:00 1 | 11:00 2 | | | | | | | | | | 11:00 20 | | | |
| PM Peak Vol. | 14:00 4 | 12:00 4 | 12:00 8 | 13:00 14 | 13:00 6 | 13:00 1 | | | | | | | | | | | 12:00 30 | | | |
| Total | 171 | 190 | 544 | 616 | 171 | 36 | 5 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1740 | | | |
| Percent | 9.8% | 10.9% | 31.3% | 35.4% | 9.8% | 2.1% | 0.3% | 0.2% | 0.1% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | |

15th Percentile : 17 MPH
50th Percentile : 24 MPH
85th Percentile : 29 MPH
95th Percentile : 33 MPH

| | | |
|-------|--------------------------------|-----------|
| Stats | 10 MPH Pace Speed : | 21-30 MPH |
| | Number in Pace : | 1160 |
| | Percent in Pace : | 66.7% |
| | Number of Vehicles > 25 MPH : | 835 |
| | Percent of Vehicles > 25 MPH : | 48.0% |
| | Mean Speed(Average) : | 24 MPH |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Sylvanwood
W of Rochester

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None

EB

| Start Time | 15 | 16 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | Total | Pace Speed | Number in Pace |
|--------------|----------|----------|----------|-----------|----------|----------|------|------|------|------|------|------|------|------|------|-----------|------------|----------------|
| 10/11/19 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 01:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 02:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 03:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 04:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 05:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 06:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 07:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 08:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 09:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 10:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 11:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 12 PM | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 13:00 | 2 | 0 | 2 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 5 | |
| 14:00 | 2 | 1 | 3 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 25-34 | 7 |
| 15:00 | 2 | 0 | 2 | 12 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 26-35 | 17 |
| 16:00 | 2 | 2 | 4 | 12 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 21-30 | 16 |
| 17:00 | 2 | 1 | 6 | 9 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 21-30 | 15 |
| 18:00 | 1 | 0 | 8 | 10 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 21-30 | 18 |
| 19:00 | 1 | 1 | 3 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 8 |
| 20:00 | 2 | 0 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 5 |
| 21:00 | 0 | 0 | 1 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 26-35 | 6 |
| 22:00 | 0 | 0 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 21-30 | 5 |
| 23:00 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 24-33 | 2 |
| Total | 14 | 5 | 35 | 60 | 37 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160 | | |
| Percent | 8.8% | 3.1% | 21.9% | 37.5% | 23.1% | 5.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | | | | | | | | | | | | | | | | | | |
| PM Peak Vol. | 13:00 | 16:00 | 18:00 | 15:00 | 18:00 | 13:00 | | | | | | | | | | 18:00 | | |
| | 2 | 2 | 8 | 12 | 6 | 2 | | | | | | | | | | 26 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None

Sylvanwood
W of Rochester

EB

| Start Time | 15 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|------------|----------------|
| 10/12/19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9-18 | 1 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 05:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 06:00 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 26-35 | 3 |
| 07:00 | 0 | 1 | 1 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 20-29 | 4 |
| 08:00 | 0 | 2 | 1 | 5 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 26-35 | 7 |
| 09:00 | 0 | 0 | 0 | 5 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 26-35 | 11 |
| 10:00 | 0 | 2 | 1 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 6 |
| 11:00 | 3 | 1 | 4 | 6 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 26-35 | 13 |
| 12 PM | 1 | 0 | 1 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 24-33 | 9 |
| 13:00 | 2 | 0 | 2 | 6 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 26-35 | 11 |
| 14:00 | 0 | 0 | 4 | 7 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 21-30 | 11 |
| 15:00 | 2 | 1 | 3 | 4 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 26-35 | 12 |
| 16:00 | 2 | 0 | 1 | 4 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 26-35 | 9 |
| 17:00 | 1 | 0 | 5 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 7 |
| 18:00 | 1 | 1 | 5 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 9 |
| 19:00 | 1 | 1 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 20-29 | 8 |
| 20:00 | 0 | 0 | 0 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 26-35 | 5 |
| 21:00 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 14-23 | 2 |
| 22:00 | 0 | 0 | 0 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 8 |
| 23:00 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21-30 | 3 |
| Total | 13 | 12 | 35 | 70 | 59 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 209 | | |
| Percent | 6.2% | 5.7% | 16.7% | 33.5% | 28.2% | 8.1% | 1.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| AM Peak Vol. | 11:00 | 08:00 | 11:00 | 11:00 | 11:00 | 07:00 | 09:00 | | | | | | | | 11:00 | | |
| | 3 | 2 | 4 | 6 | 7 | 2 | 1 | | | | | | | | 21 | | |
| PM Peak Vol. | 13:00 | 15:00 | 17:00 | 12:00 | 15:00 | 16:00 | 14:00 | | | | | | | | 15:00 | | |
| | 2 | 1 | 5 | 7 | 8 | 2 | 1 | | | | | | | | 19 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Sylvanwood
W of Rochester

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None

EB

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|----------|----------|----------|-----------|----------|----------|----------|------|------|------|------|------|------|------|-----------|------------|----------------|
| 10/13/19 | 0 | 0 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 26-35 | 4 |
| 01:00 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 9-18 | 1 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 05:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 06:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| 07:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 08:00 | 0 | 0 | 1 | 3 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 26-35 | 11 |
| 09:00 | 0 | 1 | 2 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 26-35 | 9 |
| 10:00 | 0 | 1 | 0 | 1 | 6 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 31-40 | 8 |
| 11:00 | 2 | 0 | 3 | 3 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 26-35 | 9 |
| 12 PM | 1 | 0 | 0 | 3 | 7 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 26-35 | 10 |
| 13:00 | 0 | 2 | 3 | 10 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 26-35 | 14 |
| 14:00 | 0 | 1 | 2 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 26-35 | 11 |
| 15:00 | 0 | 0 | 1 | 2 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 26-35 | 10 |
| 16:00 | 0 | 0 | 4 | 4 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 26-35 | 9 |
| 17:00 | 0 | 2 | 5 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 21-30 | 7 |
| 18:00 | 1 | 1 | 4 | 5 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 21-30 | 9 |
| 19:00 | 0 | 0 | 3 | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 30-39 | 6 |
| 20:00 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 24-33 | 4 |
| 21:00 | 0 | 0 | 3 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 5 |
| 22:00 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 24-33 | 2 |
| 23:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9-18 | 1 |
| Total | 4 | 10 | 32 | 54 | 70 | 18 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 195 | | |
| Percent | 2.1% | 5.1% | 16.4% | 27.7% | 35.9% | 9.2% | 3.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| AM Peak Vol. | 11:00 | 01:00 | 11:00 | 09:00 | 08:00 | 08:00 | 10:00 | | | | | | | | 11:00 | | |
| | 2 | 1 | 3 | 5 | 8 | 2 | 2 | | | | | | | | 16 | | |
| PM Peak Vol. | 12:00 | 13:00 | 17:00 | 13:00 | 15:00 | 19:00 | 13:00 | | | | | | | | 13:00 | | |
| | 1 | 2 | 5 | 10 | 8 | 4 | 2 | | | | | | | | 21 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None

Sylvanwood
W of Rochester

EB

| | Start Time | 1 15 | 16 20 | 21 25 | 26 30 | 31 35 | 36 40 | 41 45 | 46 50 | 51 55 | 56 60 | 61 65 | 66 70 | 71 75 | 76 999 | Total | Pace Speed | Number in Pace |
|-----------------|---------------|------------|-------------|-------------|------------|------------|------------|----------|----------|----------|----------|----------|----------|----------|-----------|-------------|---------------|-------------------|
| 10/14/19 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * |
| 02:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * |
| 04:00 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29-38 | 2 |
| 05:00 | 0 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21-30 | 3 |
| 06:00 | 0 | 0 | 2 | 2 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 6 |
| 07:00 | 1 | 0 | 3 | 9 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 26-35 | 15 |
| 08:00 | 5 | 2 | 10 | 11 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 21-30 | 21 |
| 09:00 | 0 | 2 | 1 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 6 |
| 10:00 | 0 | 0 | 1 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 7 |
| 11:00 | 0 | 1 | 1 | 6 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 26-35 | 10 |
| 12 PM | 5 | 2 | 3 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 21-30 | 14 |
| 13:00 | 1 | 1 | 1 | 8 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 25-34 | 9 |
| 14:00 | 3 | 1 | 2 | 10 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 26-35 | 16 |
| 15:00 | 3 | 2 | 1 | 11 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 26-35 | 19 |
| 16:00 | 1 | 0 | 4 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 26-35 | 11 |
| 17:00 | 4 | 2 | 8 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 21-30 | 18 |
| 18:00 | 0 | 2 | 4 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 24-33 | 8 |
| 19:00 | 3 | 1 | 4 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 10 |
| 20:00 | 3 | 0 | 1 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 5 |
| 21:00 | 0 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21-30 | 3 |
| 22:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| 23:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| Total | 29 | 17 | 49 | 113 | 53 | 20 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 284 | | |
| Percent | 10.2% | 6.0% | 17.3% | 39.8% | 18.7% | 7.0% | 1.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 08:00 5 | 08:00 2 | 08:00 10 | 08:00 11 | 07:00 6 | 08:00 4 | 06:00 1 | | | | | | | | | 08:00 35 | | |
| PM Peak Vol. | 12:00 5 | 12:00 2 | 17:00 8 | 12:00 11 | 15:00 8 | 13:00 2 | 12:00 1 | | | | | | | | | 17:00 27 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None

Sylvanwood
W of Rochester

EB

| Start Time | 15 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|------------|----------------|
| 10/15/19 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | * | 1 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 05:00 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 15-24 | 2 |
| 06:00 | 1 | 0 | 2 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 26-35 | 10 |
| 07:00 | 1 | 4 | 8 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 16-25 | 12 |
| 08:00 | 5 | 3 | 7 | 11 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 21-30 | 18 |
| 09:00 | 1 | 4 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 7 |
| 10:00 | 1 | 1 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 19-28 | 5 |
| 11:00 | 0 | 4 | 3 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 26-35 | 7 |
| 12 PM | 0 | 0 | 3 | 4 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 21-30 | 7 |
| 13:00 | 2 | 1 | 2 | 5 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 25-34 | 9 |
| 14:00 | 1 | 3 | 4 | 11 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 21-30 | 15 |
| 15:00 | 3 | 0 | 3 | 10 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 21-30 | 13 |
| 16:00 | 4 | 1 | 2 | 5 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 26-35 | 7 |
| 17:00 | 2 | 2 | 8 | 13 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 21-30 | 21 |
| 18:00 | 3 | 2 | 4 | 5 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 26-35 | 12 |
| 19:00 | 0 | 1 | 1 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 24-33 | 10 |
| 20:00 | 2 | 2 | 4 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 8 |
| 21:00 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 14-23 | 2 |
| 22:00 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 24-33 | 3 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| Total | 27 | 29 | 60 | 96 | 53 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 288 | | |
| Percent | 9.4% | 10.1% | 20.8% | 33.3% | 18.4% | 7.3% | 0.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| AM Peak Vol. | 08:00 | 07:00 | 07:00 | 08:00 | 06:00 | 08:00 | | | | | | | | | 08:00 | | |
| | 5 | 4 | 8 | 11 | 6 | 2 | | | | | | | | | 33 | | |
| PM Peak Vol. | 16:00 | 14:00 | 17:00 | 17:00 | 17:00 | 12:00 | 13:00 | | | | | | | | 17:00 | | |
| | 4 | 3 | 8 | 13 | 7 | 3 | 1 | | | | | | | | 35 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None

Sylvanwood
W of Rochester

EB

| Start Time | 15 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|------------|------------|------------|-------------|------------|------------|------------|------|------|------|------|------|------|------|-------------|------------|----------------|
| 10/16/19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 20-29 | 2 |
| 06:00 | 0 | 0 | 2 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 29-38 | 5 |
| 07:00 | 3 | 1 | 5 | 9 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 24-33 | 15 |
| 08:00 | 3 | 0 | 4 | 11 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 26-35 | 16 |
| 09:00 | 1 | 0 | 1 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 26-35 | 9 |
| 10:00 | 0 | 0 | 4 | 2 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 26-35 | 9 |
| 11:00 | 0 | 0 | 1 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 6 |
| 12 PM | 1 | 1 | 2 | 6 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 8 |
| 13:00 | 2 | 1 | 1 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 6 |
| 14:00 | 2 | 1 | 5 | 2 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 26-35 | 10 |
| 15:00 | 3 | 0 | 7 | 14 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 21-30 | 21 |
| 16:00 | 1 | 0 | 9 | 5 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 21-30 | 14 |
| 17:00 | 1 | 3 | 7 | 9 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 21-30 | 16 |
| 18:00 | 3 | 1 | 3 | 9 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 26-35 | 14 |
| 19:00 | 0 | 1 | 2 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 26-35 | 9 |
| 20:00 | 2 | 0 | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 6 |
| 21:00 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 26-35 | 5 |
| 22:00 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 20-29 | 3 |
| 23:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| Total | 22 | 9 | 57 | 97 | 65 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 270 | | |
| Percent | 8.1% | 3.3% | 21.1% | 35.9% | 24.1% | 6.3% | 1.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| AM Peak Vol. | 07:00 3 | 07:00 1 | 07:00 5 | 08:00 11 | 10:00 7 | 06:00 3 | 07:00 1 | | | | | | | | 07:00 25 | | |
| PM Peak Vol. | 15:00 3 | 17:00 3 | 16:00 9 | 15:00 14 | 14:00 8 | 12:00 2 | | | | | | | | | 15:00 28 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None

Sylvanwood
W of Rochester

EB

| Start Time | 15 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|----------|----------|-----------|-----------|----------|----------|----------|----------|------|------|------|------|------|------|-----------|------------|----------------|
| 10/17/19 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9-18 | 1 |
| 04:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 05:00 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 26-35 | 4 |
| 06:00 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 19-28 | 2 |
| 07:00 | 0 | 1 | 6 | 14 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 21-30 | 20 |
| 08:00 | 4 | 1 | 3 | 12 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 26-35 | 17 |
| 09:00 | 0 | 0 | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 24-33 | 7 |
| 10:00 | 1 | 2 | 4 | 7 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 21-30 | 11 |
| 11:00 | 1 | 0 | 4 | 6 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 21-30 | 10 |
| 12 PM | 3 | 0 | 5 | 10 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 21-30 | 15 |
| 13:00 | 0 | 0 | 5 | 9 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21-30 | 14 |
| 14:00 | 2 | 1 | 3 | 6 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 24-33 | 10 |
| 15:00 | 3 | 2 | 2 | 5 | 5 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 26-35 | 10 |
| 16:00 | 0 | 3 | 2 | 7 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 26-35 | 13 |
| 17:00 | 5 | 1 | 10 | 5 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 21-30 | 15 |
| 18:00 | 0 | 1 | 3 | 9 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 25-34 | 14 |
| 19:00 | 2 | 0 | 4 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 25-34 | 8 |
| 20:00 | 1 | 1 | 4 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 21-30 | 9 |
| 21:00 | 0 | 0 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 21-30 | 4 |
| 22:00 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 20-29 | 3 |
| 23:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| Total | 22 | 14 | 61 | 110 | 63 | 23 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 297 | | |
| Percent | 7.4% | 4.7% | 20.5% | 37.0% | 21.2% | 7.7% | 1.0% | 0.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak Vol. | 08:00 | 10:00 | 07:00 | 07:00 | 08:00 | 08:00 | 11:00 | | | | | | | | 08:00 | | |
| PM Peak Vol. | 17:00 | 16:00 | 17:00 | 12:00 | 16:00 | 17:00 | 12:00 | 15:00 | | | | | | | 17:00 | | |
| | 5 | 3 | 10 | 10 | 6 | 3 | 1 | 1 | | | | | | | 29 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32214
Installed by: Matt Clark
Other Notes: None

Sylvanwood
W of Rochester

EB

| | Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace | |
|----------|---------------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|---------------|-------------------|--|
| 10/18/19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | |
| 01:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 | |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | | |
| 03:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 | |
| 04:00 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 9-18 | 1 | |
| 05:00 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 20-29 | 2 | |
| 06:00 | 0 | 1 | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 6 | |
| 07:00 | 0 | 0 | 5 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 21-30 | 18 | |
| 08:00 | 3 | 2 | 2 | 5 | 4 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 25-34 | 9 | |
| 09:00 | 1 | 0 | 2 | 6 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 26-35 | 12 | |
| 10:00 | 0 | 0 | 0 | 4 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 9 | |
| 11:00 | 0 | 0 | 2 | 4 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 26-35 | 6 | |
| 12 PM | 4 | 1 | 5 | 8 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 21-30 | 13 | |
| 13:00 | 0 | 1 | 1 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 8 | |
| 14:00 | 4 | 2 | 3 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 15-24 | 5 | |
| 15:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 16:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 17:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 18:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 19:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 20:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 21:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 22:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| 23:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Total | 12 | 8 | 22 | 52 | 36 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 147 | | | |
| Percent | 8.2% | 5.4% | 15.0% | 35.4% | 24.5% | 8.8% | 2.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak | 08:00 | 08:00 | 07:00 | 07:00 | 09:00 | 08:00 | 11:00 | | | | | | | | | 07:00 | | | |
| | Vol. | 3 | 2 | 5 | 13 | 6 | 5 | 2 | | | | | | | | 22 | | | |
| PM Peak | 12:00 | 14:00 | 12:00 | 12:00 | 13:00 | 12:00 | 12:00 | | | | | | | | | 12:00 | | | |
| | Vol. | 4 | 2 | 5 | 8 | 5 | 4 | 1 | | | | | | | | 27 | | | |
| Total | 143 | 104 | 351 | 652 | 436 | 138 | 25 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1850 | | |
| Percent | 7.7% | 5.6% | 19.0% | 35.2% | 23.6% | 7.5% | 1.4% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |

15th Percentile : 20 MPH
50th Percentile : 27 MPH
85th Percentile : 33 MPH
95th Percentile : 37 MPH

| | | |
|-------|--------------------------------|-----------|
| Stats | 10 MPH Pace Speed : | 26-35 MPH |
| | Number in Pace : | 1088 |
| | Percent in Pace : | 58.8% |
| | Number of Vehicles > 25 MPH : | 1252 |
| | Percent of Vehicles > 25 MPH : | 67.7% |
| | Mean Speed(Average) : | 27 MPH |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Trinway
W of Rochester

EB

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|------------|----------------|
| Start Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | |
| 10/11/19 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 01:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 02:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 03:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 04:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 05:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 06:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 07:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 08:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 09:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 10:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 11:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 12 PM | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 9-18 | 2 |
| 13:00 | 4 | 1 | 7 | 5 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 21-30 | 12 |
| 14:00 | 1 | 1 | 3 | 5 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 26-35 | 11 |
| 15:00 | 0 | 2 | 3 | 7 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 26-35 | 13 |
| 16:00 | 0 | 4 | 1 | 12 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 26-35 | 17 |
| 17:00 | 1 | 3 | 9 | 12 | 14 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 26-35 | 26 |
| 18:00 | 2 | 0 | 6 | 4 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 31-40 | 10 |
| 19:00 | 0 | 0 | 1 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 26-35 | 6 |
| 20:00 | 1 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 25-34 | 3 |
| 21:00 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 25-34 | 3 |
| 22:00 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 36-45 | 2 |
| 23:00 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 6-15 | 4 |
| Total | 18 | 13 | 32 | 47 | 51 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179 | | |
| Percent | 10.1% | 7.3% | 17.9% | 26.3% | 28.5% | 8.4% | 1.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | | | | | | | | | | | | | | | | | |
| PM Peak Vol. | 23:00 | 16:00 | 17:00 | 16:00 | 17:00 | 16:00 | 13:00 | | | | | | | | 17:00 | | |
| | 6 | 4 | 9 | 12 | 14 | 4 | 1 | | | | | | | | 42 | | |

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

OHM Advisors

**34000 Plymouth Road
Livonia, MI 48150**

Advancing Communities

Trinway
W of Rochester

| EB | Start Time | 15 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|----------|--------------|------------|------------|------------|-------------|-------------|------------|------------|------------|------|------|------|------|------|------|-------|-------------|----------------|
| 10/12/19 | 01:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| | 02:00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 15-24 | 1 |
| | 03:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| | 04:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9-18 | 1 |
| | 05:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| | 06:00 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 19-28 | 1 |
| | 07:00 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 20-29 | 2 |
| | 08:00 | 0 | 0 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 21-30 | 7 |
| | 09:00 | 1 | 0 | 2 | 6 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 26-35 | 12 |
| | 10:00 | 3 | 1 | 2 | 15 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 21-30 | 17 |
| | 11:00 | 0 | 3 | 1 | 7 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 26-35 | 23 |
| | 12 PM | 0 | 0 | 5 | 9 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 14 |
| | 13:00 | 2 | 2 | 5 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 24-33 | 12 |
| | 14:00 | 2 | 0 | 0 | 11 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 26-35 | 16 |
| | 15:00 | 0 | 1 | 3 | 4 | 11 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 26-35 | 15 |
| | 16:00 | 1 | 2 | 1 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 26-35 | 10 |
| | 17:00 | 0 | 0 | 0 | 7 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 26-35 | 15 |
| | 18:00 | 0 | 2 | 1 | 7 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 26-35 | 10 |
| | 19:00 | 1 | 0 | 2 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 8 |
| | 20:00 | 0 | 1 | 1 | 2 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 30-39 | 8 |
| | 21:00 | 0 | 0 | 2 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 31-40 | 4 |
| | 22:00 | 6 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 6-15 | 4 |
| | 23:00 | 1 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 25-34 | 5 |
| | Total | 19 | 14 | 30 | 101 | 75 | 27 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 269 | | |
| | Percent | 7.1% | 5.2% | 11.2% | 37.5% | 27.9% | 10.0% | 0.7% | 0.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| | AM Peak Vol. | 10:00 3 | 11:00 3 | 08:00 2 | 10:00 15 | 11:00 16 | 09:00 3 | 09:00 1 | | | | | | | | | 11:00 28 | |
| | PM Peak Vol. | 22:00 6 | 13:00 2 | 12:00 5 | 14:00 11 | 15:00 11 | 14:00 4 | 18:00 1 | 15:00 1 | | | | | | | | 15:00 23 | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Trinway
W of Rochester

EB

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|------------|----------------|
| 10/13/19 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 14-23 | 1 |
| 01:00 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | * | 1 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 15-24 | 2 |
| 05:00 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 24-33 | 3 |
| 06:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | * | 1 |
| 07:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 08:00 | 1 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 26-35 | 3 |
| 09:00 | 0 | 0 | 2 | 2 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 31-40 | 8 |
| 10:00 | 6 | 2 | 1 | 6 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 26-35 | 17 |
| 11:00 | 0 | 3 | 2 | 7 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 26-35 | 11 |
| 12 PM | 5 | 1 | 3 | 10 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 25-34 | 15 |
| 13:00 | 1 | 0 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 8 |
| 14:00 | 3 | 1 | 3 | 4 | 8 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 26-35 | 12 |
| 15:00 | 1 | 0 | 2 | 3 | 6 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 26-35 | 9 |
| 16:00 | 3 | 0 | 2 | 0 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 31-40 | 10 |
| 17:00 | 0 | 1 | 3 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 21-30 | 11 |
| 18:00 | 0 | 1 | 3 | 6 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 26-35 | 10 |
| 19:00 | 1 | 2 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 16-25 | 6 |
| 20:00 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 24-33 | 3 |
| 21:00 | 0 | 0 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 19-28 | 4 |
| 22:00 | 2 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 24-33 | 3 |
| 23:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| Total | 25 | 12 | 37 | 62 | 60 | 23 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 224 | | |
| Percent | 11.2% | 5.4% | 16.5% | 27.7% | 26.8% | 10.3% | 1.8% | 0.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 10:00 | 11:00 | 04:00 | 11:00 | 10:00 | 11:00 | 09:00 | | | | | | | | 10:00 | | |
| Vol. | 6 | 3 | 2 | 7 | 11 | 4 | 1 | | | | | | | | 27 | | |
| PM Peak | 12:00 | 19:00 | 19:00 | 12:00 | 14:00 | 16:00 | 15:00 | 14:00 | | | | | | | 12:00 | | |
| Vol. | 5 | 2 | 4 | 10 | 8 | 7 | 2 | 1 | | | | | | | 27 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Trinway
W of Rochester

| EB | Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|------------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|------------|----------------|
| | 15 | 0 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | |
| 10/14/19 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| | 01:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | * | 1 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| | 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| | 04:00 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 14-23 | 1 |
| | 05:00 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 20-29 | 2 |
| | 06:00 | 1 | 0 | 1 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 21-30 | 4 |
| | 07:00 | 0 | 1 | 2 | 6 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 26-35 | 10 |
| | 08:00 | 0 | 2 | 3 | 7 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 26-35 | 13 |
| | 09:00 | 0 | 0 | 1 | 2 | 8 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 28-37 | 10 |
| | 10:00 | 1 | 1 | 4 | 6 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21-30 | 10 |
| | 11:00 | 0 | 2 | 4 | 8 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 26-35 | 15 |
| | 12 PM | 4 | 1 | 1 | 8 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 9 |
| | 13:00 | 1 | 1 | 2 | 3 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 29-38 | 7 |
| | 14:00 | 5 | 3 | 3 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 19-28 | 7 |
| | 15:00 | 0 | 0 | 5 | 10 | 6 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 24-33 | 16 |
| | 16:00 | 2 | 1 | 5 | 12 | 9 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 26-35 | 21 |
| | 17:00 | 0 | 1 | 7 | 9 | 9 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 25-34 | 18 |
| | 18:00 | 2 | 3 | 3 | 11 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 25-34 | 16 |
| | 19:00 | 2 | 0 | 1 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 22-31 | 8 |
| | 20:00 | 2 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 26-35 | 6 |
| | 21:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| | 22:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| | 23:00 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 20-29 | 2 |
| | Total | 21 | 16 | 44 | 103 | 71 | 34 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 294 | | |
| Percent | | 7.1% | 5.4% | 15.0% | 35.0% | 24.1% | 11.6% | 1.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 01:00 | 08:00 | 10:00 | 11:00 | 09:00 | 06:00 | 07:00 | | | | | | | | | 11:00 | | |
| | 1 | 2 | 4 | 8 | 8 | 2 | 1 | | | | | | | | | 22 | | |
| PM Peak Vol. | 14:00 | 14:00 | 17:00 | 16:00 | 16:00 | 17:00 | 15:00 | | | | | | | | | 16:00 | | |
| | 5 | 3 | 7 | 12 | 9 | 7 | 1 | | | | | | | | | 34 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Trinway
W of Rochester

EB

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|---------|---------|---------|----------|----------|---------|---------|---------|------|------|------|------|------|------|----------|------------|----------------|
| 10/15/19 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | |
| 01:00 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 19-28 | 2 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 31-40 | 3 |
| 06:00 | 0 | 0 | 3 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 6 |
| 07:00 | 1 | 1 | 2 | 7 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 26-35 | 13 |
| 08:00 | 2 | 0 | 6 | 6 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 21-30 | 12 |
| 09:00 | 4 | 2 | 4 | 3 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 19-28 | 7 |
| 10:00 | 4 | 0 | 4 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 26-35 | 6 |
| 11:00 | 0 | 1 | 4 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 21-30 | 8 |
| 12 PM | 1 | 1 | 3 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 21-30 | 9 |
| 13:00 | 2 | 1 | 5 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 20-29 | 8 |
| 14:00 | 3 | 0 | 2 | 5 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 24-33 | 8 |
| 15:00 | 1 | 4 | 5 | 7 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 21-30 | 12 |
| 16:00 | 5 | 2 | 3 | 13 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 26-35 | 28 |
| 17:00 | 0 | 2 | 7 | 14 | 12 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 26-35 | 26 |
| 18:00 | 0 | 2 | 9 | 11 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 21-30 | 20 |
| 19:00 | 1 | 0 | 2 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 11 |
| 20:00 | 3 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 26-35 | 4 |
| 21:00 | 0 | 0 | 2 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 8 |
| 22:00 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 29-38 | 3 |
| 23:00 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 14-23 | 2 |
| Total | 27 | 18 | 67 | 104 | 74 | 28 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 324 | | |
| Percent | 8.3% | 5.6% | 20.7% | 32.1% | 22.8% | 8.6% | 1.5% | 0.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 09:00 4 | 09:00 2 | 08:00 6 | 07:00 7 | 07:00 6 | 09:00 4 | 08:00 1 | | | | | | | | 08:00 22 | | |
| PM Peak Vol. | 16:00 5 | 15:00 4 | 18:00 9 | 17:00 14 | 16:00 15 | 14:00 5 | 13:00 1 | 20:00 1 | | | | | | | 17:00 39 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Trinway
W of Rochester

EB

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|------------|----------------|
| 10/16/19 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | * | * |
| 01:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24-33 | 1 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 9-18 | 1 |
| 05:00 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 25-34 | 2 |
| 06:00 | 1 | 0 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 24-33 | 6 |
| 07:00 | 0 | 1 | 1 | 11 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 26-35 | 16 |
| 08:00 | 0 | 0 | 2 | 7 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 26-35 | 11 |
| 09:00 | 1 | 2 | 2 | 6 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 26-35 | 12 |
| 10:00 | 0 | 0 | 6 | 6 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 12 |
| 11:00 | 0 | 1 | 2 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 6 |
| 12 PM | 1 | 0 | 3 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 26-35 | 7 |
| 13:00 | 0 | 1 | 3 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 24-33 | 9 |
| 14:00 | 2 | 1 | 4 | 3 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 26-35 | 10 |
| 15:00 | 0 | 3 | 5 | 4 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 24-33 | 10 |
| 16:00 | 0 | 0 | 2 | 13 | 17 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 26-35 | 30 |
| 17:00 | 1 | 1 | 13 | 16 | 15 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 | 25-34 | 31 |
| 18:00 | 0 | 0 | 7 | 13 | 10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 26-35 | 23 |
| 19:00 | 0 | 1 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 26-35 | 4 |
| 20:00 | 3 | 1 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 6 |
| 21:00 | 1 | 0 | 3 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 23-32 | 5 |
| 22:00 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 4 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| Total | 10 | 13 | 58 | 104 | 95 | 31 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 316 | | |
| Percent | 3.2% | 4.1% | 18.4% | 32.9% | 30.1% | 9.8% | 1.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 06:00 | 09:00 | 10:00 | 07:00 | 09:00 | 07:00 | 08:00 | | | | | | | | 07:00 | | |
| Vol. | 1 | 2 | 6 | 11 | 6 | 3 | 1 | | | | | | | | 21 | | |
| PM Peak | 20:00 | 15:00 | 17:00 | 17:00 | 16:00 | 17:00 | 15:00 | | | | | | | | 17:00 | | |
| Vol. | 3 | 3 | 13 | 16 | 17 | 10 | 1 | | | | | | | | 57 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Trinway
W of Rochester

EB

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace | |
|--------------|---------|---------|---------|----------|----------|----------|---------|---------|------|------|------|------|------|------|-------|------------|----------------|----|
| 10/17/19 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | | |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 | |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | |
| 04:00 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 15-24 | 2 | |
| 05:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 | |
| 06:00 | 0 | 2 | 2 | 5 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 26-35 | 7 | |
| 07:00 | 2 | 0 | 0 | 6 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 26-35 | 10 |
| 08:00 | 0 | 2 | 1 | 10 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 26-35 | 13 |
| 09:00 | 1 | 0 | 4 | 5 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 21-30 | 9 |
| 10:00 | 0 | 0 | 0 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 26-35 | 6 |
| 11:00 | 2 | 0 | 2 | 5 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 26-35 | 14 |
| 12 PM | 1 | 3 | 2 | 11 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 26-35 | 16 |
| 13:00 | 3 | 0 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 21-30 | 12 |
| 14:00 | 2 | 4 | 5 | 9 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 24-33 | 15 |
| 15:00 | 0 | 0 | 2 | 5 | 8 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 26-35 | 13 |
| 16:00 | 0 | 0 | 7 | 9 | 17 | 11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 30-39 | 28 | |
| 17:00 | 2 | 0 | 7 | 18 | 22 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 26-35 | 40 |
| 18:00 | 0 | 3 | 3 | 5 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 26-35 | 15 |
| 19:00 | 0 | 0 | 3 | 7 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 10 |
| 20:00 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 5 |
| 21:00 | 1 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 25-34 | 3 |
| 22:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * |
| Total | 16 | 16 | 50 | 107 | 102 | 35 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 336 | | |
| Percent | 4.8% | 4.8% | 14.9% | 31.8% | 30.4% | 10.4% | 2.4% | 0.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 07:00 2 | 06:00 2 | 09:00 4 | 08:00 10 | 11:00 9 | 08:00 4 | 06:00 1 | | | | | | | | | 08:00 20 | | |
| PM Peak Vol. | 13:00 3 | 14:00 4 | 16:00 7 | 17:00 18 | 17:00 22 | 16:00 11 | 17:00 3 | 16:00 1 | | | | | | | | 17:00 56 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Trinway
W of Rochester

EB

| | Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Pace Speed | Number in Pace | |
|--------------|------------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------------|----------------|----|
| 10/18/19 | 15 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29-38 | 1 |
| 01:00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8-17 | 1 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 19-28 | 2 |
| 05:00 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 24-33 | 2 |
| 06:00 | 2 | 0 | 3 | 3 | 6 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 26-35 | 9 |
| 07:00 | 0 | 0 | 4 | 4 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 8 |
| 08:00 | 0 | 0 | 6 | 4 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 21-30 | 10 |
| 09:00 | 0 | 0 | 4 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 8 |
| 10:00 | 0 | 0 | 0 | 3 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 8 |
| 11:00 | 0 | 0 | 3 | 2 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 31-40 | 9 |
| 12 PM | 1 | 1 | 0 | 5 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 26-35 | 7 |
| 13:00 | 1 | 0 | 1 | 6 | 4 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 26-35 | 10 |
| 14:00 | 1 | 1 | 1 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 7 |
| 15:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 16:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 17:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 18:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 19:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 20:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 21:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 22:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 23:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Total | 7 | 2 | 23 | 36 | 32 | 23 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 131 | | |
| Percent | 5.3% | 1.5% | 17.6% | 27.5% | 24.4% | 17.6% | 5.3% | 0.8% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | |
| AM Peak Vol. | 01:00 | 08:00 | 07:00 | 06:00 | 11:00 | 04:00 | 08:00 | | | | | | | | | | 06:00 | |
| PM Peak Vol. | 12:00 | 12:00 | 13:00 | 13:00 | 13:00 | 13:00 | 12:00 | | | | | | | | | | 13:00 | |
| Total Vol. | 143 | 104 | 341 | 664 | 560 | 216 | 39 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2073 | |
| Percent | 6.9% | 5.0% | 16.4% | 32.0% | 27.0% | 10.4% | 1.9% | 0.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | |

15th Percentile: 20 MPH
50th Percentile: 28 MPH
85th Percentile: 34 MPH
95th Percentile: 38 MPH

Stats 10 MPH Pace Speed: 26-35 MPH
Number in Pace: 1224
Percent in Pace: 59.0%
Number of Vehicles > 25 MPH: 1485
Percent of Vehicles > 25 MPH: 71.6%
Mean Speed(Average): 28 MPH

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

Trinway
W of Rochester

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|------------|----------------|
| Start Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | |
| 10/11/19 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 01:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 02:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 03:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 04:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 05:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 06:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 07:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 08:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 09:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 10:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 11:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 12 PM | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8-17 | 1 |
| 13:00 | 5 | 2 | 7 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 21-30 | 10 |
| 14:00 | 2 | 1 | 4 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 26-35 | 10 |
| 15:00 | 2 | 1 | 3 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 24-33 | 7 |
| 16:00 | 1 | 0 | 5 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 11 |
| 17:00 | 2 | 3 | 10 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 21-30 | 16 |
| 18:00 | 1 | 1 | 2 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 6 |
| 19:00 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 15-24 | 4 |
| 20:00 | 0 | 7 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 15-24 | 9 |
| 21:00 | 1 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21-30 | 3 |
| 22:00 | 1 | 0 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 19-28 | 6 |
| 23:00 | 2 | 3 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 16-25 | 9 |
| Total | 19 | 20 | 49 | 37 | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 | | |
| Percent | 13.2% | 13.9% | 34.0% | 25.7% | 11.8% | 1.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | | | | | | | | | | | | | | | | | |
| PM Peak Vol. | 13:00 | 20:00 | 17:00 | 14:00 | 14:00 | 18:00 | | | | | | | | | 17:00 | | |
| | 5 | 7 | 10 | 6 | 4 | 2 | | | | | | | | | 22 | | |

Weather: Various
 Serial Number: 32213
 Installed by: Matt Clark
 Other Notes: None
 WB

OHM Advisors

34000 Plymouth Road
 Livonia, MI 48150

Advancing Communities

Trinway
 W of Rochester

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|------------|----------|----------|----------|----------|----------|----------|------|------|------|------|------|------|------|------|-----------|------------|----------------|
| Start Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | |
| 10/12/19 | 2 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 20-29 | 3 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 06:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 07:00 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 24-33 | 2 |
| 08:00 | 1 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21-30 | 3 |
| 09:00 | 0 | 1 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 24-33 | 9 |
| 10:00 | 0 | 1 | 6 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 10 |
| 11:00 | 0 | 2 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 21-30 | 8 |
| 12 PM | 2 | 4 | 5 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 21-30 | 14 |
| 13:00 | 1 | 1 | 3 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 26-35 | 11 |
| 14:00 | 0 | 1 | 3 | 9 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 24-33 | 13 |
| 15:00 | 0 | 1 | 4 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 9 |
| 16:00 | 0 | 0 | 2 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 26-35 | 12 |
| 17:00 | 0 | 1 | 5 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 13 |
| 18:00 | 0 | 1 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 21-30 | 9 |
| 19:00 | 0 | 2 | 7 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 21-30 | 14 |
| 20:00 | 0 | 3 | 5 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 12 |
| 21:00 | 0 | 0 | 5 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 21-30 | 7 |
| 22:00 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 2 |
| 23:00 | 3 | 1 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 4 |
| Total | 11 | 19 | 62 | 84 | 38 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 216 | | |
| Percent | 5.1% | 8.8% | 28.7% | 38.9% | 17.6% | 0.9% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 00:00 | 11:00 | 10:00 | 09:00 | 10:00 | | | | | | | | | | 10:00 | | |
| Vol. | 2 | 2 | 6 | 8 | 2 | | | | | | | | | | 13 | | |
| PM Peak | 23:00 | 12:00 | 19:00 | 12:00 | 13:00 | 14:00 | | | | | | | | | 12:00 | | |
| Vol. | 3 | 4 | 7 | 9 | 6 | 1 | | | | | | | | | 23 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

| | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace | |
|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|------------|----------------|----|
| Start Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | | |
| 10/13/19 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 14-23 | 2 | |
| 01:00 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | * | 1 | |
| 02:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 | |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | |
| 05:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | |
| 06:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 | |
| 07:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | * | 1 | |
| 08:00 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 9-18 | 1 | |
| 09:00 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21-30 | 5 | |
| 10:00 | 0 | 1 | 1 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 22-31 | 8 | |
| 11:00 | 1 | 2 | 3 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 20-29 | 7 | |
| 12 PM | 0 | 1 | 4 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 26-35 | 11 |
| 13:00 | 1 | 0 | 3 | 8 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 26-35 | 12 |
| 14:00 | 1 | 1 | 1 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 26-35 | 9 |
| 15:00 | 1 | 2 | 2 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 21-30 | 7 |
| 16:00 | 3 | 1 | 5 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 20-29 | 8 |
| 17:00 | 0 | 4 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 16-25 | 8 |
| 18:00 | 0 | 3 | 5 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 21-30 | 10 |
| 19:00 | 2 | 1 | 4 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 10 |
| 20:00 | 0 | 1 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 26-35 | 4 |
| 21:00 | 1 | 0 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 7 |
| 22:00 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 24-33 | 3 |
| 23:00 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 10-19 | 2 |
| Total | 12 | 21 | 40 | 69 | 25 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 174 | | |
| Percent | 6.9% | 12.1% | 23.0% | 39.7% | 14.4% | 2.9% | 1.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 01:00 | 11:00 | 11:00 | 10:00 | 11:00 | 11:00 | | | | | | | | | | 11:00 | | |
| Vol. | 1 | 2 | 3 | 7 | 3 | 2 | | | | | | | | | | 15 | | |
| PM Peak | 16:00 | 17:00 | 21:00 | 13:00 | 12:00 | 15:00 | 13:00 | | | | | | | | | 13:00 | | |
| Vol. | 3 | 4 | 6 | 8 | 4 | 1 | 2 | | | | | | | | | 18 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

| | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|------------|----------------|
| Start Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | * | * |
| 10/14/19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24-33 | 1 |
| 01:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | * | * |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| 06:00 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 19-28 | 2 |
| 07:00 | 2 | 0 | 5 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 21-30 | 8 |
| 08:00 | 1 | 1 | 7 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 9 |
| 09:00 | 0 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 18-27 | 5 |
| 10:00 | 4 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 21-30 | 7 |
| 11:00 | 1 | 1 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 26-35 | 7 |
| 12 PM | 0 | 4 | 6 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 10 |
| 13:00 | 5 | 3 | 1 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 23-32 | 5 |
| 14:00 | 1 | 5 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 16-25 | 7 |
| 15:00 | 2 | 2 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 9 |
| 16:00 | 1 | 0 | 5 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 13 |
| 17:00 | 1 | 2 | 11 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 21-30 | 19 |
| 18:00 | 1 | 2 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 16-25 | 9 |
| 19:00 | 0 | 3 | 8 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 21-30 | 18 |
| 20:00 | 1 | 1 | 1 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 5 |
| 21:00 | 0 | 2 | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 21-30 | 4 |
| 22:00 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 4 |
| 23:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| Total | 20 | 27 | 73 | 64 | 18 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 206 | | |
| Percent | 9.7% | 13.1% | 35.4% | 31.1% | 8.7% | 1.5% | 0.5% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 10:00 | 08:00 | 08:00 | 11:00 | 08:00 | | | | | | | | | | 08:00 | | |
| Vol. | 4 | 1 | 7 | 5 | 2 | | | | | | | | | | 13 | | |
| PM Peak | 13:00 | 14:00 | 17:00 | 19:00 | 19:00 | 13:00 | 21:00 | | | | | | | | 19:00 | | |
| Vol. | 5 | 5 | 11 | 10 | 3 | 1 | 1 | | | | | | | | 24 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

Trinway
W of Rochester

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|------------|----------------|
| 10/15/19 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| 01:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 25-34 | 2 |
| 06:00 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 20-29 | 5 |
| 07:00 | 1 | 1 | 6 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 20-29 | 9 |
| 08:00 | 1 | 3 | 3 | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 7 |
| 09:00 | 2 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 5 |
| 10:00 | 4 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 4 |
| 11:00 | 1 | 0 | 2 | 7 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 9 |
| 12 PM | 0 | 0 | 1 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 7 |
| 13:00 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 14-23 | 4 |
| 14:00 | 1 | 3 | 10 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 16-25 | 13 |
| 15:00 | 2 | 3 | 6 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 12 |
| 16:00 | 2 | 7 | 7 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 16-25 | 14 |
| 17:00 | 1 | 6 | 13 | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 21-30 | 22 |
| 18:00 | 1 | 4 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 16-25 | 16 |
| 19:00 | 0 | 1 | 8 | 6 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 14 |
| 20:00 | 0 | 2 | 1 | 10 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 26-35 | 14 |
| 21:00 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 25-34 | 5 |
| 22:00 | 0 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21-30 | 4 |
| 23:00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8-17 | 1 |
| Total | 21 | 35 | 83 | 67 | 22 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 239 | | |
| Percent | 8.8% | 14.6% | 34.7% | 28.0% | 9.2% | 4.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 10:00 | 08:00 | 07:00 | 11:00 | 05:00 | 08:00 | | | | | | | | | 08:00 | | |
| | | | | | | | | | | | | | | | 14 | | |
| PM Peak Vol. | 13:00 | 16:00 | 17:00 | 20:00 | 17:00 | 19:00 | | | | | | | | | 17:00 | | |
| | | | | | | | | | | | | | | | 33 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

| | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|------------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|------|------|-------------|------------|----------------|
| Start Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | |
| 10/16/19 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 15-24 | 1 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| 06:00 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 2 |
| 07:00 | 0 | 3 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 16-25 | 7 |
| 08:00 | 1 | 2 | 3 | 7 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21-30 | 10 |
| 09:00 | 2 | 1 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 20-29 | 8 |
| 10:00 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 14-23 | 2 |
| 11:00 | 2 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 20-29 | 6 |
| 12 PM | 1 | 2 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 11 |
| 13:00 | 2 | 4 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 16-25 | 12 |
| 14:00 | 0 | 0 | 4 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 21-30 | 9 |
| 15:00 | 1 | 1 | 5 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 21-30 | 13 |
| 16:00 | 2 | 1 | 8 | 3 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 20-29 | 11 |
| 17:00 | 0 | 2 | 5 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 11 |
| 18:00 | 1 | 3 | 6 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 19-28 | 10 |
| 19:00 | 1 | 2 | 4 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21-30 | 11 |
| 20:00 | 0 | 1 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 21-30 | 11 |
| 21:00 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 14-23 | 2 |
| 22:00 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 14-23 | 1 |
| 23:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| Total | 14 | 26 | 71 | 67 | 28 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 213 | | |
| Percent | 6.6% | 12.2% | 33.3% | 31.5% | 13.1% | 2.8% | 0.5% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 09:00 2 | 07:00 3 | 09:00 5 | 08:00 7 | 08:00 2 | 08:00 2 | | | | | | | | | 08:00 17 | | |
| PM Peak Vol. | 13:00 2 | 13:00 4 | 13:00 8 | 15:00 8 | 15:00 4 | 16:00 2 | 16:00 1 | | | | | | | | 16:00 21 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

Trinway
W of Rochester

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|------------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|------|------|-------------|------------|----------------|
| 10/17/19 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 10-19 | 2 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 19-28 | 2 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 15-24 | 2 |
| 06:00 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 21-30 | 4 |
| 07:00 | 0 | 4 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 5 |
| 08:00 | 1 | 2 | 6 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 21-30 | 11 |
| 09:00 | 0 | 0 | 4 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 20-29 | 6 |
| 10:00 | 2 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 25-34 | 4 |
| 11:00 | 0 | 1 | 4 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 26-35 | 11 |
| 12 PM | 2 | 5 | 9 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 19-28 | 15 |
| 13:00 | 4 | 6 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 16-25 | 12 |
| 14:00 | 3 | 2 | 5 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 19-28 | 8 |
| 15:00 | 1 | 1 | 7 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 13 |
| 16:00 | 0 | 1 | 5 | 8 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 21-30 | 13 |
| 17:00 | 0 | 1 | 3 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 26-35 | 11 |
| 18:00 | 1 | 1 | 7 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 9 |
| 19:00 | 4 | 3 | 6 | 8 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 21-30 | 14 |
| 20:00 | 0 | 0 | 4 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 6 |
| 21:00 | 1 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 16-25 | 6 |
| 22:00 | 0 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 20-29 | 4 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| Total | 19 | 34 | 74 | 70 | 43 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 246 | | |
| Percent | 7.7% | 13.8% | 30.1% | 28.5% | 17.5% | 2.0% | 0.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 10:00 2 | 07:00 4 | 08:00 6 | 08:00 5 | 11:00 6 | 08:00 1 | | | | | | | | | 08:00 19 | | |
| PM Peak Vol. | 13:00 4 | 13:00 6 | 12:00 9 | 16:00 8 | 12:00 5 | 14:00 1 | 20:00 1 | | | | | | | | 12:00 27 | | |

Weather: Various
 Serial Number: 32213
 Installed by: Matt Clark
 Other Notes: None
 WB

OHM Advisors

34000 Plymouth Road
 Livonia, MI 48150

Advancing Communities

Trinway
 W of Rochester

| Start Time | 15 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|------------|----------------|
| 10/18/19 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 05:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| 06:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 07:00 | 0 | 5 | 4 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 16-25 | 9 |
| 08:00 | 0 | 0 | 1 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 7 |
| 09:00 | 0 | 0 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 7 |
| 10:00 | 0 | 0 | 1 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 20-29 | 3 |
| 11:00 | 0 | 1 | 3 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 25-34 | 9 |
| 12 PM | 1 | 0 | 2 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 24-33 | 8 |
| 13:00 | 0 | 2 | 3 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 26-35 | 10 |
| 14:00 | 3 | 0 | 1 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 26-35 | 8 |
| 15:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 16:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 17:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 18:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 19:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 20:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 21:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 22:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 23:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Total | 4 | 8 | 19 | 28 | 29 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96 | | |
| Percent | 4.2% | 8.3% | 19.8% | 29.2% | 30.2% | 8.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| AM Peak Vol. | 07:00 | 07:00 | 11:00 | 11:00 | 07:00 | | | | | | | | | | 07:00 | | |
| | 5 | 4 | 4 | 5 | 3 | | | | | | | | | | 15 | | |
| PM Peak Vol. | 14:00 | 13:00 | 13:00 | 12:00 | 13:00 | 14:00 | | | | | | | | | 13:00 | | |
| | 3 | 2 | 3 | 5 | 8 | 1 | | | | | | | | | 15 | | |
| Total | 120 | 190 | 471 | 486 | 220 | 42 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1534 | |
| Percent | 7.8% | 12.4% | 30.7% | 31.7% | 14.3% | 2.7% | 0.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

15th Percentile : 17 MPH
 50th Percentile : 24 MPH
 85th Percentile : 30 MPH
 95th Percentile : 34 MPH

Stats 10 MPH Pace Speed : 21-30 MPH
 Number in Pace : 957
 Percent in Pace : 62.4%
 Number of Vehicles > 25 MPH : 753
 Percent of Vehicles > 25 MPH : 49.1%
 Mean Speed(Average) : 25 MPH

Weather: Various
 Serial Number: 32213
 Installed by: Matt Clark
 Other Notes: None

OHM Advisors
 34000 Plymouth Road
 Livonia, MI 48150
Advancing Communities

Trinway
 W of Rochester

| Start Time | 07-Oct-19 | | Tue | | Wed | | Thu | | Fri | | Sat | | Sun | | Week Average | |
|--------------|-----------|----|-----|----|-----|----|-----|----|-------|-------|-------|-------|-------|-------|--------------|-------|
| | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB |
| 12:00 AM | * | * | * | * | * | * | * | * | * | * | 1 | 5 | 2 | 3 | 2 | 4 |
| 01:00 | * | * | * | * | * | * | * | * | * | * | 2 | 0 | 3 | 2 | 2 | 1 |
| 02:00 | * | * | * | * | * | * | * | * | * | * | 1 | 1 | 0 | 1 | 0 | 1 |
| 03:00 | * | * | * | * | * | * | * | * | * | * | 1 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | * | * | * | * | * | * | * | * | * | * | 1 | 0 | 3 | 0 | 2 | 0 |
| 05:00 | * | * | * | * | * | * | * | * | * | * | 1 | 0 | 3 | 0 | 2 | 0 |
| 06:00 | * | * | * | * | * | * | * | * | * | * | 2 | 0 | 1 | 1 | 2 | 0 |
| 07:00 | * | * | * | * | * | * | * | * | * | * | 3 | 2 | 1 | 1 | 2 | 2 |
| 08:00 | * | * | * | * | * | * | * | * | * | * | 8 | 5 | 6 | 2 | 7 | 4 |
| 09:00 | * | * | * | * | * | * | * | * | * | * | 19 | 10 | 13 | 5 | 16 | 8 |
| 10:00 | * | * | * | * | * | * | * | * | * | * | 26 | 13 | 27 | 11 | 26 | 12 |
| 11:00 | * | * | * | * | * | * | * | * | * | * | 28 | 11 | 20 | 15 | 24 | 13 |
| 12:00 PM | * | * | * | * | * | * | * | * | 3 | 3 | 18 | 23 | 27 | 16 | 16 | 14 |
| 01:00 | * | * | * | * | * | * | * | * | 22 | 19 | 21 | 16 | 9 | 18 | 17 | 18 |
| 02:00 | * | * | * | * | * | * | * | * | 18 | 17 | 22 | 18 | 21 | 12 | 20 | 16 |
| 03:00 | * | * | * | * | * | * | * | * | 19 | 13 | 23 | 14 | 15 | 12 | 19 | 13 |
| 04:00 | * | * | * | * | * | * | * | * | 26 | 14 | 14 | 14 | 15 | 13 | 18 | 14 |
| 05:00 | * | * | * | * | * | * | * | * | 42 | 22 | 18 | 16 | 15 | 13 | 25 | 17 |
| 06:00 | * | * | * | * | * | * | * | * | 22 | 10 | 16 | 11 | 15 | 15 | 18 | 12 |
| 07:00 | * | * | * | * | * | * | * | * | 7 | 4 | 10 | 19 | 10 | 14 | 9 | 12 |
| 08:00 | * | * | * | * | * | * | * | * | 5 | 14 | 12 | 16 | 5 | 6 | 7 | 12 |
| 09:00 | * | * | * | * | * | * | * | * | 3 | 5 | 7 | 8 | 6 | 9 | 5 | 7 |
| 10:00 | * | * | * | * | * | * | * | * | 5 | 8 | 9 | 4 | 6 | 3 | 7 | 5 |
| 11:00 | * | * | * | * | * | * | * | * | 7 | 15 | 6 | 10 | 1 | 2 | 5 | 9 |
| Lane Day | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179 | 144 | 269 | 216 | 224 | 174 | 251 | 194 |
| AM Peak Vol. | - | - | - | - | - | - | - | - | - | - | 11:00 | 10:00 | 10:00 | 11:00 | 10:00 | 11:00 |
| PM Peak Vol. | - | - | - | - | - | - | - | - | 17:00 | 17:00 | 15:00 | 12:00 | 12:00 | 13:00 | 17:00 | 13:00 |
| | - | - | - | - | - | - | - | - | 42 | 22 | 23 | 23 | 27 | 18 | 25 | 18 |

Weather: Various
 Serial Number: 32213
 Installed by: Matt Clark
 Other Notes: None

OHM Advisors
 34000 Plymouth Road
 Livonia, MI 48150
Advancing Communities

Trinway
 W of Rochester

| Start Time | 14-Oct-19 | | Tue | | Wed | | Thu | | Fri | | Sat | | Sun | | Week Average | |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|--------|--------|--------|--------------|-------------|
| | EB | WB | EB | WB | EB | WB | EB | WB |
| 12:00 AM | 1 | 0 | 2 | 1 | 0 | 3 | 1 | 4 | 1 | 1 | * | * | * | * | 1 | 2 |
| 01:00 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | * | * | * | * | 1 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | * | * | * | * | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | * | * | * | * | 0 | 0 |
| 04:00 | 2 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 3 | 1 | * | * | * | * | 2 | 0 |
| 05:00 | 2 | 1 | 6 | 2 | 2 | 1 | 1 | 2 | 4 | 1 | * | * | * | * | 3 | 1 |
| 06:00 | 7 | 3 | 10 | 5 | 9 | 4 | 12 | 4 | 16 | 0 | * | * | * | * | 11 | 3 |
| 07:00 | 15 | 11 | 19 | 13 | 21 | 10 | 14 | 9 | 13 | 15 | * | * | * | * | 16 | 12 |
| 08:00 | 20 | 13 | 22 | 14 | 16 | 17 | 20 | 19 | 15 | 10 | * | * | * | * | 19 | 15 |
| 09:00 | 14 | 6 | 19 | 9 | 18 | 13 | 15 | 10 | 14 | 10 | * | * | * | * | 16 | 10 |
| 10:00 | 17 | 11 | 14 | 9 | 16 | 3 | 7 | 7 | 10 | 6 | * | * | * | * | 13 | 7 |
| 11:00 | 22 | 11 | 12 | 13 | 10 | 9 | 19 | 16 | 14 | 13 | * | * | * | * | 15 | 12 |
| 12:00 PM | 16 | 16 | 15 | 9 | 13 | 14 | 23 | 27 | 11 | 11 | * | * | * | * | 16 | 15 |
| 01:00 | 14 | 15 | 14 | 8 | 13 | 17 | 15 | 19 | 18 | 15 | * | * | * | * | 15 | 15 |
| 02:00 | 19 | 11 | 18 | 18 | 19 | 12 | 28 | 15 | 10 | 13 | * | * | * | * | 19 | 14 |
| 03:00 | 26 | 13 | 22 | 18 | 20 | 19 | 21 | 18 | * | * | * | * | * | * | 22 | 17 |
| 04:00 | 34 | 16 | 38 | 20 | 37 | 21 | 46 | 17 | * | * | * | * | * | * | 39 | 18 |
| 05:00 | 34 | 22 | 39 | 33 | 57 | 16 | 56 | 15 | * | * | * | * | * | * | 46 | 22 |
| 06:00 | 27 | 11 | 32 | 18 | 32 | 17 | 22 | 13 | * | * | * | * | * | * | 28 | 15 |
| 07:00 | 11 | 24 | 14 | 18 | 6 | 17 | 14 | 25 | * | * | * | * | * | * | 11 | 21 |
| 08:00 | 8 | 9 | 12 | 17 | 10 | 12 | 13 | 9 | * | * | * | * | * | * | 11 | 12 |
| 09:00 | 1 | 7 | 10 | 6 | 10 | 4 | 5 | 10 | * | * | * | * | * | * | 6 | 7 |
| 10:00 | 1 | 4 | 4 | 5 | 4 | 2 | 1 | 5 | * | * | * | * | * | * | 2 | 4 |
| 11:00 | 2 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | * | * | * | * | * | * | 1 | 1 |
| Lane Day | 294 500 | 206 500 | 324 563 | 239 529 | 316 529 | 213 582 | 336 582 | 246 227 | 131 227 | 96 0 | 0 0 | 0 0 | 0 0 | 0 0 | 313 536 | 223 |
| AM Peak Vol. | 11:00 22 | 08:00 13 | 08:00 22 | 08:00 14 | 07:00 21 | 08:00 17 | 08:00 20 | 08:00 19 | 06:00 16 | 07:00 15 | - | - | - | - | 08:00 19 | 08:00 15 |
| PM Peak Vol. | 16:00 34 | 19:00 24 | 17:00 39 | 17:00 33 | 17:00 57 | 16:00 21 | 17:00 56 | 12:00 27 | 13:00 18 | 13:00 15 | - | - | - | - | 17:00 46 | 17:00 22 |

| | | | | | | | | |
|-------------|---------|----------|-----|-----|-----|-----|-----|-----|
| Comb. Total | 500 | 563 | 529 | 582 | 550 | 485 | 398 | 981 |
| ADT | ADT 558 | AADT 558 | | | | | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Creston Dr
W of Rochester Rd

| Start Time | 21-Oct-19 | | Tue | | Wed | | Thu | | Fri | | Sat | | Sun | | Week Average | |
|--------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------|
| | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB |
| 12:00 AM | * | * | 1 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 4 | 2 | 1 | 5 | 2 | 1 |
| 01:00 | * | * | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 6 | 1 | 0 | 1 | 1 |
| 02:00 | * | * | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 |
| 03:00 | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | * | * | 0 | 1 | 0 | 0 | 1 | 2 | 1 | 2 | 1 | 0 | 1 | 0 | 1 | 1 |
| 05:00 | * | * | 1 | 3 | 1 | 3 | 1 | 2 | 1 | 2 | 0 | 0 | 1 | 0 | 1 | 2 |
| 06:00 | * | * | 3 | 3 | 6 | 10 | 4 | 4 | 4 | 3 | 0 | 2 | 0 | 0 | 3 | 4 |
| 07:00 | * | * | 4 | 16 | 4 | 9 | 0 | 6 | 1 | 9 | 1 | 1 | 0 | 2 | 2 | 7 |
| 08:00 | * | * | 10 | 9 | 4 | 12 | 8 | 7 | 15 | 10 | 1 | 4 | 2 | 2 | 7 | 7 |
| 09:00 | * | * | 9 | 12 | 4 | 10 | 5 | 10 | 6 | 10 | 4 | 9 | 0 | 5 | 5 | 9 |
| 10:00 | * | * | 7 | 13 | 4 | 11 | 7 | 9 | 5 | 9 | 4 | 11 | 10 | 8 | 6 | 10 |
| 11:00 | * | * | 12 | 10 | 12 | 14 | 13 | 9 | 3 | 19 | 7 | 14 | 7 | 13 | 9 | 13 |
| 12:00 PM | * | * | 9 | 12 | 10 | 15 | 11 | 11 | 13 | 10 | 9 | 13 | 6 | 8 | 10 | 12 |
| 01:00 | * | * | 18 | 10 | 8 | 15 | 11 | 23 | 10 | 12 | 10 | 18 | 8 | 15 | 11 | 16 |
| 02:00 | * | * | 9 | 16 | 13 | 15 | 15 | 12 | 20 | 17 | 11 | 12 | 5 | 7 | 12 | 13 |
| 03:00 | * | * | 9 | 19 | 10 | 20 | 9 | 25 | 8 | 29 | 9 | 11 | 14 | 14 | 10 | 20 |
| 04:00 | 12 | 62 | 12 | 53 | 6 | 110 | 7 | 61 | 6 | 42 | 14 | 16 | 7 | 15 | 9 | 51 |
| 05:00 | 9 | 101 | 13 | 60 | 11 | 104 | 11 | 72 | 16 | 41 | 9 | 18 | 11 | 10 | 11 | 58 |
| 06:00 | 7 | 30 | 8 | 23 | 11 | 27 | 11 | 28 | 8 | 20 | 9 | 15 | 8 | 4 | 9 | 21 |
| 07:00 | 10 | 13 | 8 | 13 | 6 | 14 | 5 | 11 | 7 | 13 | 10 | 14 | 8 | 8 | 8 | 12 |
| 08:00 | 6 | 5 | 4 | 7 | 8 | 6 | 12 | 13 | 13 | 12 | 6 | 5 | 6 | 8 | 8 | 8 |
| 09:00 | 4 | 9 | 5 | 9 | 4 | 4 | 3 | 11 | 4 | 10 | 3 | 11 | 2 | 5 | 4 | 8 |
| 10:00 | 3 | 2 | 7 | 0 | 4 | 3 | 1 | 4 | 6 | 3 | 2 | 6 | 2 | 3 | 4 | 3 |
| 11:00 | 3 | 0 | 1 | 3 | 1 | 1 | 1 | 7 | 0 | 5 | 5 | 6 | 2 | 0 | 2 | 3 |
| Lane Day | 54 | 222 | 151 | 293 | 128 | 404 | 138 | 327 | 148 | 278 | 123 | 194 | 103 | 134 | 135 | 280 |
| | 276 | 444 | 532 | 465 | 327 | 426 | 317 | 237 | 415 | | | | | | | |
| AM Peak Vol. | - | - | 11:00 | 07:00 | 11:00 | 11:00 | 09:00 | 08:00 | 11:00 | 11:00 | 11:00 | 11:00 | 10:00 | 11:00 | 11:00 | 11:00 |
| PM Peak Vol. | 16:00 | 17:00 | 13:00 | 17:00 | 14:00 | 16:00 | 14:00 | 17:00 | 14:00 | 16:00 | 16:00 | 13:00 | 15:00 | 13:00 | 14:00 | 17:00 |
| | 12 | 101 | 18 | 60 | 13 | 110 | 15 | 72 | 20 | 42 | 14 | 18 | 14 | 15 | 12 | 58 |

Weather: Various
 Serial Number: 32213
 Installed by: Matt Clark
 Other Notes: None

OHM Advisors
 34000 Plymouth Road
 Livonia, MI 48150
Advancing Communities

Creston Dr
 W of Rochester Rd

| Start Time | 28-Oct-19 | | Tue | | Wed | | Thu | | Fri | | Sat | | Sun | | Week Average | |
|--------------|-----------|-------|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|--------------|-------|
| | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB |
| 12:00 AM | 1 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | 1 | 0 |
| 01:00 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 |
| 02:00 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 |
| 03:00 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 |
| 04:00 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 |
| 05:00 | 1 | 2 | * | * | * | * | * | * | * | * | * | * | * | * | 1 | 2 |
| 06:00 | 2 | 3 | * | * | * | * | * | * | * | * | * | * | * | * | 2 | 3 |
| 07:00 | 5 | 8 | * | * | * | * | * | * | * | * | * | * | * | * | 5 | 8 |
| 08:00 | 12 | 10 | * | * | * | * | * | * | * | * | * | * | * | * | 12 | 10 |
| 09:00 | 4 | 9 | * | * | * | * | * | * | * | * | * | * | * | * | 4 | 9 |
| 10:00 | 7 | 7 | * | * | * | * | * | * | * | * | * | * | * | * | 7 | 7 |
| 11:00 | 9 | 17 | * | * | * | * | * | * | * | * | * | * | * | * | 9 | 17 |
| 12:00 PM | 6 | 11 | * | * | * | * | * | * | * | * | * | * | * | * | 6 | 11 |
| 01:00 | 13 | 10 | * | * | * | * | * | * | * | * | * | * | * | * | 13 | 10 |
| 02:00 | 9 | 12 | * | * | * | * | * | * | * | * | * | * | * | * | 9 | 12 |
| 03:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 04:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 05:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 06:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 07:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 08:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 09:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 10:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 11:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lane Day | 69 | 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 89 |
| AM Peak Vol. | 08:00 | 11:00 | - | - | - | - | - | - | - | - | - | - | - | - | 08:00 | 11:00 |
| PM Peak Vol. | 13:00 | 14:00 | - | - | - | - | - | - | - | - | - | - | - | - | 13:00 | 14:00 |

Comb. Total 434 444 532 465 426 317 237 573

ADT ADT 480 AADT 480

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

Creston Dr
W of Rochester Rd

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|----------|----------|----------|----------|----------|----------|----------|------|------|------|------|------|------|-----------|-------|------------|----------------|
| 10/21/19 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 01:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 02:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 03:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 04:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 05:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 06:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 07:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 08:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 09:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 10:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 11:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 12 PM | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 13:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 14:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 15:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 16:00 | 6 | 1 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 6-15 | 4 | |
| 17:00 | 3 | 1 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 3 |
| 18:00 | 0 | 0 | 1 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 26-35 | 5 |
| 19:00 | 1 | 1 | 1 | 5 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 24-33 | 6 |
| 20:00 | 1 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 19-28 | 4 |
| 21:00 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 14-23 | 3 |
| 22:00 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 14-23 | 2 |
| 23:00 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8-17 | 1 |
| Total | 13 | 7 | 7 | 16 | 7 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | | |
| Percent | 24.1% | 13.0% | 13.0% | 29.6% | 13.0% | 3.7% | 3.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | | | | | | | | | | | | | | | | | |
| PM Peak Vol. | 16:00 | 21:00 | 20:00 | 19:00 | 18:00 | 17:00 | 17:00 | | | | | | | | 16:00 | | |
| | 6 | 2 | 2 | 5 | 2 | 1 | 1 | | | | | | | | 12 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

| | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|------|-------------|------------|----------------|
| Start Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | |
| 10/22/19 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * |
| 02:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9-18 | 1 |
| 06:00 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 15-24 | 3 |
| 07:00 | 0 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 10-19 | 2 |
| 08:00 | 1 | 0 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 6 |
| 09:00 | 1 | 1 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 4 |
| 10:00 | 0 | 0 | 1 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 26-35 | 4 |
| 11:00 | 0 | 0 | 2 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 24-33 | 10 |
| 12 PM | 0 | 1 | 2 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 5 |
| 13:00 | 5 | 3 | 3 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 15-24 | 6 |
| 14:00 | 2 | 0 | 3 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 31-40 | 4 |
| 15:00 | 0 | 3 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 5 |
| 16:00 | 0 | 0 | 3 | 2 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 26-35 | 7 |
| 17:00 | 1 | 3 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 26-35 | 9 |
| 18:00 | 1 | 0 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 21-30 | 6 |
| 19:00 | 1 | 0 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 21-30 | 6 |
| 20:00 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 3 |
| 21:00 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21-30 | 3 |
| 22:00 | 0 | 0 | 0 | 0 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 31-40 | 7 |
| 23:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| Total | 12 | 16 | 34 | 42 | 31 | 11 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 151 | | |
| Percent | 7.9% | 10.6% | 22.5% | 27.8% | 20.5% | 7.3% | 2.0% | 1.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 08:00 1 | 07:00 2 | 08:00 3 | 11:00 7 | 08:00 3 | 09:00 1 | 07:00 1 | 10:00 1 | | | | | | | 11:00 12 | | |
| PM Peak Vol. | 13:00 5 | 13:00 3 | 13:00 3 | 17:00 7 | 16:00 5 | 22:00 3 | 16:00 1 | 21:00 1 | | | | | | | 13:00 18 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

| | Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|----------|------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|------------|----------------|
| 10/23/19 | 15 | 0 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | 999 | | |
| | 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29-38 | 1 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| | 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| | 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| | 05:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | * | 1 |
| | 06:00 | 2 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 26-35 | 2 |
| | 07:00 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 15-24 | 3 |
| | 08:00 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 21-30 | 4 |
| | 09:00 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 24-33 | 3 |
| | 10:00 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 20-29 | 3 |
| | 11:00 | 1 | 0 | 4 | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 21-30 | 8 |
| | 12 PM | 2 | 2 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 6 |
| | 13:00 | 0 | 0 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 21-30 | 7 |
| | 14:00 | 0 | 1 | 1 | 4 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 26-35 | 11 |
| | 15:00 | 2 | 2 | 1 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 5 |
| | 16:00 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 26-35 | 3 |
| | 17:00 | 0 | 3 | 4 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 16-25 | 7 |
| | 18:00 | 2 | 1 | 1 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 26-35 | 7 |
| | 19:00 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 15-24 | 2 |
| | 20:00 | 2 | 0 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 26-35 | 4 |
| | 21:00 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 4 |
| | 22:00 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 29-38 | 2 |
| | 23:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| Total | | 17 | 12 | 24 | 38 | 27 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 128 | | |
| Percent | | 13.3% | 9.4% | 18.8% | 29.7% | 21.1% | 6.3% | 0.8% | 0.8% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | | 06:00 | 06:00 | 11:00 | 08:00 | 09:00 | 11:00 | | | | | | | | | 11:00 | | |
| Vol. | | 2 | 1 | 4 | 4 | 1 | 2 | | | | | | | | | 12 | | |
| PM Peak | | 12:00 | 17:00 | 17:00 | 13:00 | 14:00 | 20:00 | 17:00 | 16:00 | | | | | | | 14:00 | | |
| Vol. | | 2 | 3 | 4 | 5 | 7 | 1 | 1 | 1 | | | | | | | 13 | | |

Creston Dr
W of Rochester Rd

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

Creston Dr
W of Rochester Rd

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------|------|------|------|------|------|-------------|------------|----------------|
| 10/24/19 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 19-28 | 2 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | * | 1 |
| 05:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | * | 1 |
| 06:00 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 13-22 | 2 |
| 07:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 08:00 | 0 | 0 | 2 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 21-30 | 4 |
| 09:00 | 1 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21-30 | 3 |
| 10:00 | 0 | 0 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 26-35 | 4 |
| 11:00 | 1 | 1 | 2 | 3 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 26-35 | 7 |
| 12 PM | 0 | 0 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 26-35 | 7 |
| 13:00 | 1 | 0 | 2 | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 31-40 | 6 |
| 14:00 | 0 | 1 | 3 | 6 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 26-35 | 9 |
| 15:00 | 1 | 0 | 2 | 1 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 31-40 | 4 |
| 16:00 | 0 | 0 | 0 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 31-40 | 6 |
| 17:00 | 4 | 1 | 2 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 36-45 | 3 |
| 18:00 | 1 | 2 | 0 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 26-35 | 8 |
| 19:00 | 0 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 20-29 | 3 |
| 20:00 | 2 | 0 | 3 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 21-30 | 8 |
| 21:00 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 19-28 | 2 |
| 22:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| 23:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| Total | 14 | 6 | 29 | 36 | 32 | 14 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 138 | | |
| Percent | 10.1% | 4.3% | 21.0% | 26.1% | 23.2% | 10.1% | 4.3% | 0.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 04:00 1 | 06:00 1 | 08:00 2 | 11:00 3 | 11:00 4 | 08:00 2 | 08:00 1 | | | | | | | | 11:00 13 | | |
| PM Peak Vol. | 17:00 4 | 18:00 2 | 12:00 4 | 14:00 6 | 12:00 4 | 16:00 3 | 19:00 2 | 14:00 1 | | | | | | | 14:00 15 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

| | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|------------|----------------|
| Start Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | |
| 10/25/19 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | * | 1 |
| 05:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | * | 1 |
| 06:00 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 3 |
| 07:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9-18 | 1 |
| 08:00 | 1 | 0 | 3 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 21-30 | 11 |
| 09:00 | 1 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 25-34 | 5 |
| 10:00 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 16-25 | 3 |
| 11:00 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 15-24 | 2 |
| 12 PM | 1 | 1 | 2 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 26-35 | 7 |
| 13:00 | 2 | 0 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 6 |
| 14:00 | 1 | 0 | 3 | 10 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 21-30 | 13 |
| 15:00 | 0 | 2 | 2 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 21-30 | 4 |
| 16:00 | 0 | 0 | 1 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 29-38 | 4 |
| 17:00 | 3 | 1 | 5 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 9 |
| 18:00 | 2 | 1 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 26-35 | 5 |
| 19:00 | 1 | 0 | 0 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 26-35 | 4 |
| 20:00 | 0 | 2 | 3 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 7 |
| 21:00 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 20-29 | 3 |
| 22:00 | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 21-30 | 3 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| Total | 17 | 11 | 30 | 47 | 29 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 148 | | |
| Percent | 11.5% | 7.4% | 20.3% | 31.8% | 19.6% | 7.4% | 2.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 04:00 | 10:00 | 08:00 | 08:00 | 08:00 | | | | | | | | | | 08:00 | | |
| Vol. | 1 | 2 | 3 | 8 | 3 | | | | | | | | | | 15 | | |
| PM Peak | 17:00 | 15:00 | 17:00 | 14:00 | 12:00 | 14:00 | 15:00 | | | | | | | | 14:00 | | |
| Vol. | 3 | 2 | 5 | 10 | 4 | 3 | 1 | | | | | | | | 20 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

| | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|------------|----------------|
| Start Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | |
| 10/26/19 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 3 |
| 01:00 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 15-24 | 1 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| 04:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| 05:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 06:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 07:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 08:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29-38 | 1 |
| 09:00 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 4 |
| 10:00 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 20-29 | 3 |
| 11:00 | 1 | 1 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 25-34 | 5 |
| 12 PM | 1 | 2 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 6 |
| 13:00 | 0 | 0 | 0 | 7 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 8 |
| 14:00 | 2 | 1 | 4 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 19-28 | 5 |
| 15:00 | 0 | 2 | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 16-25 | 5 |
| 16:00 | 6 | 3 | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 11-20 | 5 |
| 17:00 | 1 | 1 | 2 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 31-40 | 4 |
| 18:00 | 0 | 3 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 25-34 | 5 |
| 19:00 | 0 | 2 | 2 | 3 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 5 |
| 20:00 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 26-35 | 3 |
| 21:00 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8-17 | 1 |
| 22:00 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 19-28 | 2 |
| 23:00 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21-30 | 5 |
| Total | 15 | 18 | 22 | 33 | 24 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123 | | |
| Percent | 12.2% | 14.6% | 17.9% | 26.8% | 19.5% | 6.5% | 2.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 01:00 | 01:00 | 09:00 | 10:00 | 11:00 | 01:00 | | | | | | | | | 11:00 | | |
| Vol. | 1 | 1 | 3 | 3 | 2 | 1 | | | | | | | | | 7 | | |
| PM Peak | 16:00 | 16:00 | 14:00 | 13:00 | 12:00 | 13:00 | 16:00 | | | | | | | | 16:00 | | |
| Vol. | 6 | 3 | 4 | 7 | 4 | 2 | 2 | | | | | | | | 14 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

| | Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|----------|------------|-------|-------|-------|-------|-------|-------|------|------|-------|------|------|------|------|------|-------|------------|----------------|
| 10/27/19 | 15 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 01:00 | | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24-33 | 1 |
| 02:00 | | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29-38 | 1 |
| 03:00 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * |
| 04:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | * | 1 |
| 05:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | * | 1 |
| 06:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * |
| 07:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 08:00 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | * | 1 |
| 09:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 10:00 | 1 | 0 | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 24-33 | 7 |
| 11:00 | 0 | 0 | 1 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 30-39 | 5 |
| 12 PM | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 26-35 | 3 |
| 13:00 | 0 | 1 | 2 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 21-30 | 6 |
| 14:00 | 0 | 1 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 31-40 | 3 |
| 15:00 | 4 | 0 | 1 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 25-34 | 7 |
| 16:00 | 0 | 0 | 0 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 31-40 | 4 |
| 17:00 | 0 | 0 | 4 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 21-30 | 7 |
| 18:00 | 0 | 1 | 3 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 16-25 | 4 |
| 19:00 | 1 | 0 | 3 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 26-35 | 4 |
| 20:00 | 1 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 13-22 | 3 |
| 21:00 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 14-23 | 1 |
| 22:00 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 15-24 | 2 |
| 23:00 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 24-33 | 2 |
| Total | 11 | 6 | 20 | 26 | 24 | 14 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 103 | | |
| Percent | 10.7% | 5.8% | 19.4% | 25.2% | 23.3% | 13.6% | 1.0% | 0.0% | 1.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 04:00 | | 10:00 | 10:00 | 10:00 | 11:00 | | | | | | | | | | 10:00 | | |
| Vol. | 1 | | 2 | 4 | 3 | 3 | | | | | | | | | | 10 | | |
| PM Peak | 15:00 | 20:00 | 17:00 | 13:00 | 15:00 | 15:00 | 16:00 | | | 12:00 | | | | | | 15:00 | | |
| Vol. | 4 | 2 | 4 | 4 | 3 | 2 | 1 | | | 1 | | | | | | 14 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None
WB

Creston Dr
W of Rochester Rd

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|------------|----------------|
| Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | |
| 10/28/19 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 19-28 | 1 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | * | 1 |
| 06:00 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | * | 1 |
| 07:00 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21-30 | 2 |
| 08:00 | 0 | 3 | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 24-33 | 7 |
| 09:00 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 29-38 | 2 |
| 10:00 | 0 | 0 | 2 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 31-40 | 5 |
| 11:00 | 0 | 0 | 2 | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 6 |
| 12 PM | 0 | 1 | 0 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 26-35 | 4 |
| 13:00 | 0 | 0 | 3 | 1 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 30-39 | 7 |
| 14:00 | 4 | 0 | 0 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 31-40 | 4 |
| 15:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 16:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 17:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 18:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 19:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 20:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 21:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 22:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 23:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Total | 8 | 6 | 10 | 15 | 15 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | | |
| Percent | 11.6% | 8.7% | 14.5% | 21.7% | 21.7% | 17.4% | 4.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| AM Peak Vol. | 05:00 | 08:00 | 08:00 | 08:00 | 08:00 | 10:00 | | | | | | | | | 08:00 | | |
| | 1 | 3 | 2 | 4 | 3 | 2 | | | | | | | | | 12 | | |
| PM Peak Vol. | 14:00 | 12:00 | 13:00 | 12:00 | 13:00 | 13:00 | 13:00 | | | | | | | | 13:00 | | |
| | 4 | 1 | 3 | 2 | 4 | 3 | 2 | | | | | | | | 13 | | |
| Total | 107 | 82 | 176 | 253 | 189 | 80 | 22 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 914 | |
| Percent | 11.7% | 9.0% | 19.3% | 27.7% | 20.7% | 8.8% | 2.4% | 0.4% | 0.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

15th Percentile : 16 MPH
50th Percentile : 26 MPH
85th Percentile : 34 MPH
95th Percentile : 38 MPH

| | | |
|-------|--------------------------------|-----------|
| Stats | 10 MPH Pace Speed : | 26-35 MPH |
| | Number in Pace : | 442 |
| | Percent in Pace : | 48.4% |
| | Number of Vehicles > 25 MPH : | 549 |
| | Percent of Vehicles > 25 MPH : | 60.1% |
| | Mean Speed(Average) : | 26 MPH |

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

OHM Advisors

**34000 Plymouth Road
Livonia, MI 48150**

Advancing Communities

Creston Dr
W of Rochester Rd

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Creston Dr
W of Rochester Rd

| EB | Start Time | 15 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|----------|------------|----------|----------|----------|-----------|-----------|----------|----------|-------|----------|------|------|------|------|------|-----------|------------|----------------|
| 10/22/19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| | 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| | 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 39-48 | 1 |
| | 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| | 04:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14-23 | 1 |
| | 05:00 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 25-34 | 2 |
| | 06:00 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 29-38 | 2 |
| | 07:00 | 3 | 1 | 2 | 7 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 21-30 | 9 |
| | 08:00 | 0 | 0 | 3 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 7 |
| | 09:00 | 2 | 2 | 1 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 31-40 | 5 |
| | 10:00 | 1 | 0 | 0 | 4 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 26-35 | 9 |
| | 11:00 | 0 | 1 | 0 | 2 | 3 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 31-40 | 6 |
| | 12 PM | 0 | 0 | 4 | 1 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 30-39 | 7 |
| | 13:00 | 2 | 1 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 19-28 | 5 |
| | 14:00 | 4 | 1 | 3 | 3 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 26-35 | 7 |
| | 15:00 | 2 | 1 | 3 | 6 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 21-30 | 9 |
| | 16:00 | 4 | 1 | 8 | 11 | 20 | 5 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 53 | 26-35 | 31 |
| | 17:00 | 1 | 4 | 9 | 18 | 22 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 26-35 | 40 |
| | 18:00 | 3 | 0 | 2 | 5 | 8 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 26-35 | 13 |
| | 19:00 | 0 | 1 | 1 | 6 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 26-35 | 8 |
| | 20:00 | 1 | 1 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 16-25 | 4 |
| | 21:00 | 0 | 0 | 0 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 7 |
| | 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| | 23:00 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 20-29 | 2 |
| | Total | 24 | 14 | 45 | 75 | 83 | 42 | 7 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 293 | | |
| | Percent | 8.2% | 4.8% | 15.4% | 25.6% | 28.3% | 14.3% | 2.4% | 0.7% | 0.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| | AM Peak | 07:00 | 09:00 | 08:00 | 07:00 | 10:00 | 10:00 | 07:00 | 02:00 | | | | | | | 07:00 | | |
| | Vol. | 3 | 2 | 3 | 7 | 5 | 3 | 1 | 1 | | | | | | | 16 | | |
| | PM Peak | 14:00 | 17:00 | 17:00 | 17:00 | 17:00 | 15:00 | 16:00 | | 16:00 | | | | | | 17:00 | | |
| | Vol. | 4 | 4 | 9 | 18 | 22 | 6 | 3 | | 1 | | | | | | 60 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Creston Dr
W of Rochester Rd

EB

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|------|------|------|-------|------------|----------------|
| 10/23/19 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | * | * |
| 01:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19-28 | 1 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | * | 1 |
| 06:00 | 3 | 1 | 0 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 24-33 | 5 |
| 07:00 | 0 | 1 | 0 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 26-35 | 7 |
| 08:00 | 0 | 0 | 2 | 4 | 3 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 24-33 | 7 |
| 09:00 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 30-39 | 6 |
| 10:00 | 0 | 0 | 1 | 3 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 26-35 | 8 |
| 11:00 | 1 | 0 | 0 | 3 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 26-35 | 10 |
| 12 PM | 1 | 1 | 1 | 3 | 3 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 31-40 | 8 |
| 13:00 | 3 | 2 | 1 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 25-34 | 6 |
| 14:00 | 0 | 1 | 0 | 2 | 6 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 31-40 | 9 |
| 15:00 | 1 | 1 | 4 | 4 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 25-34 | 10 |
| 16:00 | 0 | 1 | 2 | 28 | 49 | 25 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 110 | 26-35 | 77 |
| 17:00 | 5 | 1 | 7 | 26 | 36 | 24 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 104 | 26-35 | 62 |
| 18:00 | 0 | 1 | 3 | 5 | 12 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 26-35 | 17 |
| 19:00 | 1 | 1 | 3 | 4 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 21-30 | 7 |
| 20:00 | 0 | 0 | 0 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 26-35 | 4 |
| 21:00 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 2 |
| 22:00 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 9-18 | 2 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 34-43 | 1 |
| Total | 19 | 13 | 27 | 101 | 139 | 82 | 17 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 404 | | |
| Percent | 4.7% | 3.2% | 6.7% | 25.0% | 34.4% | 20.3% | 4.2% | 1.2% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 06:00 | 06:00 | 08:00 | 07:00 | 11:00 | 09:00 | 06:00 | | | 08:00 | | | | | 11:00 | | |
| | 3 | 1 | 2 | 5 | 7 | 3 | 1 | | | 1 | | | | | 14 | | |
| PM Peak Vol. | 17:00 | 13:00 | 17:00 | 16:00 | 16:00 | 16:00 | 16:00 | 17:00 | | | | | | | 16:00 | | |
| | 5 | 2 | 7 | 28 | 49 | 25 | 4 | 2 | | | | | | | 110 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

EB

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|------------|----------------|
| 10/24/19 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | * | * |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 14-23 | 1 |
| 05:00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 15-24 | 1 |
| 06:00 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 20-29 | 2 |
| 07:00 | 1 | 0 | 0 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 36-45 | 4 |
| 08:00 | 0 | 0 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 26-35 | 6 |
| 09:00 | 0 | 0 | 0 | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 7 |
| 10:00 | 2 | 1 | 1 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 36-45 | 3 |
| 11:00 | 0 | 0 | 0 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 31-40 | 7 |
| 12 PM | 1 | 0 | 1 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 26-35 | 7 |
| 13:00 | 5 | 0 | 2 | 3 | 6 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 31-40 | 12 |
| 14:00 | 0 | 0 | 0 | 0 | 5 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 31-40 | 10 |
| 15:00 | 1 | 1 | 3 | 5 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 26-35 | 15 |
| 16:00 | 2 | 1 | 5 | 18 | 23 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 26-35 | 41 |
| 17:00 | 5 | 3 | 7 | 27 | 18 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 26-35 | 45 |
| 18:00 | 4 | 3 | 8 | 9 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 21-30 | 17 |
| 19:00 | 0 | 0 | 0 | 4 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 26-35 | 7 |
| 20:00 | 0 | 0 | 2 | 2 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 31-40 | 6 |
| 21:00 | 1 | 1 | 0 | 2 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 26-35 | 8 |
| 22:00 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 20-29 | 3 |
| 23:00 | 0 | 0 | 2 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 31-40 | 4 |
| Total | 23 | 11 | 34 | 87 | 99 | 53 | 18 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | | |
| Percent | 7.0% | 3.4% | 10.4% | 26.6% | 30.3% | 16.2% | 5.5% | 0.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 10:00 | 05:00 | 04:00 | 09:00 | 11:00 | 07:00 | 07:00 | | | | | | | | 09:00 | | |
| | 2 | 1 | 1 | 3 | 5 | 3 | 1 | | | | | | | | 10 | | |
| PM Peak Vol. | 13:00 | 17:00 | 18:00 | 17:00 | 16:00 | 17:00 | 16:00 | 20:00 | | | | | | | 17:00 | | |
| | 5 | 3 | 8 | 27 | 23 | 11 | 8 | 1 | | | | | | | 72 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Creston Dr
W of Rochester Rd

EB

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|------------|----------------|
| 10/25/19 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | * | * |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 14-23 | 1 |
| 05:00 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | * | 1 |
| 06:00 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 20-29 | 2 |
| 07:00 | 0 | 1 | 1 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 31-40 | 4 |
| 08:00 | 2 | 1 | 1 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 23-32 | 5 |
| 09:00 | 0 | 1 | 3 | 3 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21-30 | 6 |
| 10:00 | 2 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21-30 | 4 |
| 11:00 | 1 | 0 | 5 | 2 | 6 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 24-33 | 8 |
| 12 PM | 1 | 0 | 2 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 6 |
| 13:00 | 0 | 0 | 0 | 3 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 26-35 | 9 |
| 14:00 | 2 | 2 | 3 | 2 | 5 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 26-35 | 7 |
| 15:00 | 1 | 2 | 6 | 9 | 6 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 21-30 | 15 |
| 16:00 | 1 | 1 | 6 | 12 | 9 | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 26-35 | 21 |
| 17:00 | 3 | 1 | 5 | 8 | 13 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 31-40 | 21 |
| 18:00 | 2 | 1 | 2 | 8 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 25-34 | 12 |
| 19:00 | 2 | 1 | 2 | 5 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21-30 | 7 |
| 20:00 | 0 | 0 | 1 | 5 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 24-33 | 7 |
| 21:00 | 0 | 0 | 2 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 24-33 | 7 |
| 22:00 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 24-33 | 2 |
| 23:00 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 26-35 | 4 |
| Total | 19 | 12 | 43 | 76 | 66 | 43 | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 278 | | |
| Percent | 6.8% | 4.3% | 15.5% | 27.3% | 23.7% | 15.5% | 6.1% | 0.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 08:00 | 07:00 | 11:00 | 08:00 | 11:00 | 07:00 | 11:00 | 11:00 | | | | | | | 11:00 | | |
| | 2 | 1 | 5 | 4 | 6 | 2 | 2 | 1 | | | | | | | 19 | | |
| PM Peak Vol. | 17:00 | 14:00 | 15:00 | 16:00 | 17:00 | 16:00 | 16:00 | 15:00 | | | | | | | 16:00 | | |
| | 3 | 2 | 6 | 12 | 13 | 9 | 4 | 1 | | | | | | | 42 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Creston Dr
W of Rochester Rd

EB

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|------------|----------------|----|
| 10/26/19 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | | |
| 01:00 | 0 | 0 | 2 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 24-33 | 2 | |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 41-50 | 2 | |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | |
| 05:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | |
| 06:00 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 14-23 | 1 | |
| 07:00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29-38 | 1 | |
| 08:00 | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 3 | |
| 09:00 | 0 | 0 | 3 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 24-33 | 5 | |
| 10:00 | 0 | 1 | 1 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 26-35 | 8 | |
| 11:00 | 0 | 0 | 2 | 5 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 26-35 | 10 | |
| 12 PM | 1 | 2 | 1 | 1 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 31-40 | 7 |
| 13:00 | 1 | 0 | 1 | 8 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 26-35 | 12 |
| 14:00 | 3 | 0 | 1 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 26-35 | 6 |
| 15:00 | 2 | 1 | 2 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 26-35 | 5 | |
| 16:00 | 2 | 2 | 4 | 3 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 19-28 | 7 | |
| 17:00 | 1 | 2 | 6 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 21-30 | 14 | |
| 18:00 | 0 | 1 | 1 | 6 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 26-35 | 10 | |
| 19:00 | 0 | 0 | 2 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 25-34 | 8 | |
| 20:00 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21-30 | 4 | |
| 21:00 | 0 | 0 | 2 | 4 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 24-33 | 7 | |
| 22:00 | 2 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 31-40 | 2 | |
| 23:00 | 1 | 0 | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 24-33 | 3 | |
| Total | 13 | 10 | 34 | 57 | 47 | 27 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 194 | | | |
| Percent | 6.7% | 5.2% | 17.5% | 29.4% | 24.2% | 13.9% | 2.1% | 1.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | | |
| AM Peak Vol. | | 10:00 | 09:00 | 11:00 | 11:00 | 11:00 | 01:00 | 01:00 | | | | | | | 11:00 | | | |
| Vol. | 1 | 3 | 5 | 5 | 2 | 1 | 1 | | | | | | | | 14 | | | |
| PM Peak Vol. | 14:00 | 12:00 | 17:00 | 13:00 | 12:00 | 19:00 | 12:00 | 21:00 | | | | | | | 13:00 | | | |
| Vol. | 3 | 2 | 6 | 8 | 6 | 4 | 1 | 1 | | | | | | | 18 | | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Creston Dr
W of Rochester Rd

EB

| Start Time | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|-------|------------|----------------|
| 10/27/19 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 24-33 | 3 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 15-24 | 2 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 06:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 07:00 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | * | 1 |
| 08:00 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 20-29 | 2 |
| 09:00 | 2 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 25-34 | 3 |
| 10:00 | 1 | 0 | 2 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 21-30 | 5 |
| 11:00 | 1 | 0 | 1 | 5 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 26-35 | 7 |
| 12 PM | 1 | 1 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 31-40 | 3 |
| 13:00 | 2 | 1 | 3 | 2 | 3 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 29-38 | 6 |
| 14:00 | 0 | 0 | 3 | 0 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 31-40 | 3 |
| 15:00 | 2 | 0 | 1 | 1 | 4 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 31-40 | 9 |
| 16:00 | 2 | 0 | 1 | 7 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 21-30 | 8 |
| 17:00 | 1 | 2 | 5 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 16-25 | 7 |
| 18:00 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19-28 | 2 |
| 19:00 | 1 | 0 | 1 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 29-38 | 4 |
| 20:00 | 0 | 0 | 2 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 26-35 | 5 |
| 21:00 | 0 | 0 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 25-34 | 4 |
| 22:00 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 30-39 | 2 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| Total | 14 | 6 | 26 | 32 | 25 | 25 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 134 | | |
| Percent | 10.4% | 4.5% | 19.4% | 23.9% | 18.7% | 18.7% | 2.2% | 1.5% | 0.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak | 09:00 | 00:00 | 02:00 | 11:00 | 00:00 | 11:00 | | | 11:00 | | | | | | 11:00 | | |
| Vol. | 2 | 1 | 2 | 5 | 2 | 3 | | | 1 | | | | | | 13 | | |
| PM Peak | 13:00 | 17:00 | 17:00 | 16:00 | 15:00 | 15:00 | 15:00 | 15:00 | 13:00 | 14:00 | | | | | 13:00 | | |
| Vol. | 2 | 2 | 5 | 7 | 4 | 5 | 1 | 1 | 1 | 1 | | | | | 15 | | |

OHM Advisors

34000 Plymouth Road
Livonia, MI 48150

Advancing Communities

Weather: Various
Serial Number: 32213
Installed by: Matt Clark
Other Notes: None

Creston Dr
W of Rochester Rd

EB

| | 1 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | Total | Pace Speed | Number in Pace |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|------------|----------------|
| Start Time | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 999 | | | |
| 10/28/19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 05:00 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | * | 1 |
| 06:00 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 24-33 | 2 |
| 07:00 | 0 | 1 | 0 | 3 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 26-35 | 4 |
| 08:00 | 1 | 0 | 0 | 3 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 26-35 | 7 |
| 09:00 | 0 | 0 | 3 | 1 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 19-28 | 4 |
| 10:00 | 0 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 21-30 | 4 |
| 11:00 | 0 | 2 | 1 | 3 | 6 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 26-35 | 9 |
| 12 PM | 0 | 0 | 1 | 3 | 1 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 31-40 | 6 |
| 13:00 | 1 | 0 | 2 | 1 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 30-39 | 5 |
| 14:00 | 3 | 1 | 0 | 3 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 27-36 | 4 |
| 15:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 16:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 17:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 18:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 19:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 20:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 21:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 22:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 23:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Total | 6 | 5 | 11 | 19 | 20 | 18 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 89 | | |
| Percent | 6.7% | 5.6% | 12.4% | 21.3% | 22.5% | 20.2% | 9.0% | 2.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | | |
| AM Peak Vol. | 05:00 | 11:00 | 09:00 | 07:00 | 11:00 | 11:00 | 09:00 | 09:00 | | | | | | | | 11:00 | |
| PM Peak Vol. | 14:00 | 14:00 | 13:00 | 12:00 | 13:00 | 12:00 | 12:00 | 13:00 | | | | | | | | 14:00 | |
| Total Vol. | 3 | 1 | 2 | 3 | 2 | 5 | 1 | 1 | | | | | | | | 12 | |
| Percent | 12.6% | 3.8% | 13.4% | 26.3% | 28.6% | 16.3% | 3.9% | 0.9% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | 1941 | |

15th Percentile : 21 MPH
50th Percentile : 29 MPH
85th Percentile : 36 MPH
95th Percentile : 39 MPH

| | | |
|-------|--------------------------------|-----------|
| Stats | 10 MPH Pace Speed : | 26-35 MPH |
| | Number in Pace : | 1065 |
| | Percent in Pace : | 54.9% |
| | Number of Vehicles > 25 MPH : | 1479 |
| | Percent of Vehicles > 25 MPH : | 76.2% |
| | Mean Speed(Average) : | 30 MPH |



memorandum

Date: September 24, 2018

To: Bill Huotari, PE
From: Sara Merrill, PE, PTOE

Re: Sylvanwood Condominium
PCR 2018-002

The purpose of this memorandum is to provide an overview of anticipated traffic impacts resulting from the proposed Sylvanwood Condominium development.

The preliminary site plan for the proposed Ottawa residential cluster development was prepared by Urban Land Consultants and dated August 30th, 2018. The site plan depicts a 10-unit attached residential site condominium project, with a single driveway access point off Sylvanwood Drive. Sylvanwood Drive is located on the west side of Rochester Road, approximately halfway between Square Lake Road and Long Lake Road. Rochester Road is a 5-lane roadway, with two through lanes in each direction, a center left turn lane and a right turn deceleration taper at Sylvanwood Drive.

The Institute of Transportation Engineers (ITE) Trip Generation Manual, 10th Edition, provides trip generation rates for numerous land uses, based on thousands of studies throughout the United States and Canada. This data can then be used to estimate the number of vehicle trips generated by a development. For residential housing, traffic impacts are usually most noticeable during the peak hour of adjacent street traffic – that is, during morning and evening “rush hour”, when traffic on the roads is most congested. In most areas, the morning (AM) peak is a one hour period that occurs between 7 am – 9 am, and the evening (PM) peak is a one hour period usually between 4 pm – 6 pm.

The table below provides the calculated number of trips generated for the proposed Ottawa Cluster Development, based on the ITE Trip Generation Manual for Multi-Family Housing (Low Rise) (ITE Land Use Code #220). Low-Rise Multi-Family housing includes townhouses and condominiums located within the same building with at least three other dwelling units, and have one or two floors.

| Number of Dwelling Units | Number of Site-Generated Trips | | | | | | | | |
|--------------------------|--------------------------------|----|-----|--------------|----|-----|-------|----|-----|
| | AM Peak Hour | | | PM Peak Hour | | | Daily | | |
| | Total | In | Out | Total | In | Out | Total | In | Out |
| 10 Units | 5 | 1 | 4 | 8 | 5 | 3 | 35 | 17 | 18 |



During the morning (AM) peak hour, the proposed Sylvanwood condominium development is expected to generate 5 new trips: 1 inbound (entering the site), and 4 outbound (exiting the site). During the evening (PM) peak hour, the proposed site is expected to generate 8 new vehicle trips: 5 inbound (entering the site) trips, and 3 outbound (exiting the site). This pattern coincides with residents typically leaving in the morning for work, and returning home in the evening.

The traffic generated by the proposed condo is quite minimal, adding just a handful of vehicle trips during the peak ("busiest") hour. The traffic impact of this site on the adjacent road network is negligible, and would be imperceptible to other road users.

As a point of comparison, Rochester Road (between Long Lake Road and Square Lake Road) carries over 3,500 vehicles during the PM peak hour, and averages approximately 40,000 vehicles per day. Even amongst typical weekdays, traffic volumes during the peak hours alone often vary by 5-10% from one day to the next. These day-to-day fluctuations are on orders of magnitude measuring in hundreds of vehicles (per hour). Sylvanwood condominiums are expected to generate fewer than 10 new vehicle trips during the peak hour.

On Sylvanwood Drive, the development would result in slight increases to traffic volumes, amounting to one additional vehicle every 7-8 minutes during "rush hour". Most drivers would not even notice this additional traffic.

In conclusion, the traffic impacts as a result of the proposed development are very minimal and are not expected to significantly worsen traffic conditions on Sylvanwood Drive or Rochester Road.