

Shroyer Road Safety Study

DOROTHY LANE TO DELLWOOD AVENUE

MVRPC #60 High Crash Ranking (2014)

March 7, 2016

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SHROYER ROAD SAFETY STUDY

EXECUTIVE SUMMARY

The purpose of this safety study is to evaluate the existing safety performance and to identify potential countermeasures on Shroyer Road between Dorothy Lane and the north corporation line of the City of Oakwood (Dellwood Avenue). The Dorothy Lane and Shroyer Road intersection ranks #60 on the Miami Valley Regional Planning Commission (MVRPC) list of high crash locations for 2014.

A review of crash data provided by the Ohio Department of Transportation (ODOT) crash database yielded a total of 180 crashes within the study area over a 5 year period (2010-2014). The following crash types and conditions are over represented within the study area compared to the statewide averages (2010-2014) shown in parenthesis. No fatalities occurred.

- Injury crashes: 48 crashes or 26.7 percent (23.5 percent)
- Rear end crashes: 78 crashes or 43.3 percent (20.7 percent)
- Angle crashes: 34 crashes or 18.9 percent (17.6 percent)
- Left turn crashes: 29 crashes or 16.1 percent (3.9 percent)
- Sideswipe passing: 16 crashes or 8.9 percent (6.9 percent)

Two pedestrian and two bicycle crashes also occurred. Three of these crashes resulted in injuries:

- A pedestrian struck on September 1, 2014 was crossing the north leg of Shroyer Road at Dorothy Lane.
- A pedestrian struck on December 9, 2010 was riding a skateboard on Peach Orchard Avenue and was at fault. No injuries were reported.
- A bicyclist struck on August 13, 2013 was riding on the sidewalk at Acorn Drive.
- A bicyclist struck on January 10, 2014 was crossing Shroyer Road at Acorn Drive and was at fault.

A pedestrian was also struck on September 10, 2015 on Shroyer Road about 100 feet south of Wiltshire Boulevard. The elementary school age pedestrian suffered minor injuries from the crash. Although this crash occurred outside the 5 year time period of this safety study, the crash highlights the challenges facing pedestrians, especially school age pedestrians, of choosing adequate gaps in traffic when crossing the 4-lane section of Shroyer Road. No facilities exist to assist pedestrians to cross Shroyer Road other than the legal (unmarked) crosswalks at each unsignalized intersection within the study area.

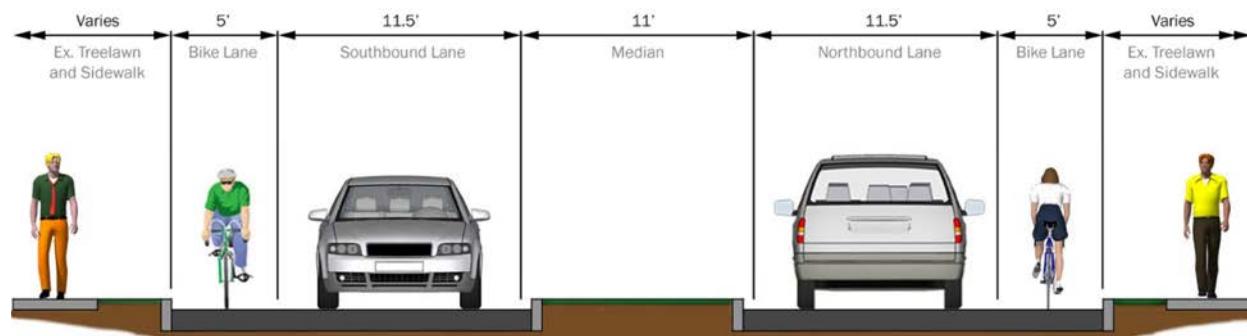
A road diet is proposed to mitigate the 80 crashes within the City of Oakwood. A road diet is the conversion of an undivided 4-lane roadway to a 3-lane roadway made up of two through lanes (one each direction) and a center left turn lane with raised medians or two-way left-turn lane

(TWLTL). The reduction of lanes allows the roadway cross section to be reallocated for other uses such as bike lanes and pedestrian refuge islands.

Four (4) lane, undivided roadways such as Shroyer Road experience a number of typical crash types:

- Rear end and sideswipe crashes caused by speed differential between vehicles;
- Sideswipe crashes caused by frequent lane changing between two through lanes;
- Rear end crashes caused by left-turning vehicles stopped in the inside travel lane;
- Left turn crashes caused by restricted sight distance obstructed by opposing left turn vehicles that are offset;
- Angle crashes caused by side street traffic crossing four lanes to make a through movement across an intersection, or turning left across two lanes;
- Bicycle crashes due to a lack of available space for bicyclists to ride comfortably; and
- Pedestrian crashes due to the number of lanes for pedestrians to cross with no refuge.

An average crash reduction of 30 percent can be expected for all crash types and severity when converting a 4-lane section to a 3-lane section of a minor arterial roadway such as Shroyer Road. A reduction in crashes involving drivers under 35 years of age and over 65 years of age has also been documented with a road diet. Crashes involving at least one driver under 35 years old or greater than 65 years old comprised 73 percent of all crashes on Shroyer Road. A typical section of the road diet countermeasure is shown below with raised medians.



Implementation of the road diet improvement is proposed to be incorporated as part of a currently programmed resurfacing project. The design schedule could be accelerated in 2016 to meet a plan sale date of May 2017. Reconstruction of the existing median on Shroyer Road near Dorothy Lane is also proposed to be incorporated as part of the currently programmed resurfacing project to mitigate 23 left turn and angle crashes. Median reconstruction includes a median extension to restrict left turn movements from the Speedway site and a median removal to improve intersection sight distance on the Shroyer Road approaches at Dorothy Lane.

Another countermeasure that mitigates an additional 11 left turn crashes at the Dorothy Lane and Shroyer Road intersection includes a protected only left turn phase for the eastbound approach.

PURPOSE AND NEED

The purpose of the safety study is to evaluate the existing safety performance and to identify potential countermeasures on Shroyer Road between Dorothy Lane and the north corporation line of the City of Oakwood (Dellwood Avenue). The Dorothy Lane and Shroyer Road intersection ranks #60 on the Miami Valley Regional Planning Commission (MVRPC) list of high crash locations for 2014.

A review of crash data provided by the Ohio Department of Transportation (ODOT) crash database yielded a total of 180 crashes within the study area over a 5 year period (2010-2014). The following crash types and conditions are over represented within the study area compared to statewide averages (2010-2014) that are shown in parenthesis.

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Improving accessibility of other transportation modes along the corridor is a priority for the City of Oakwood.

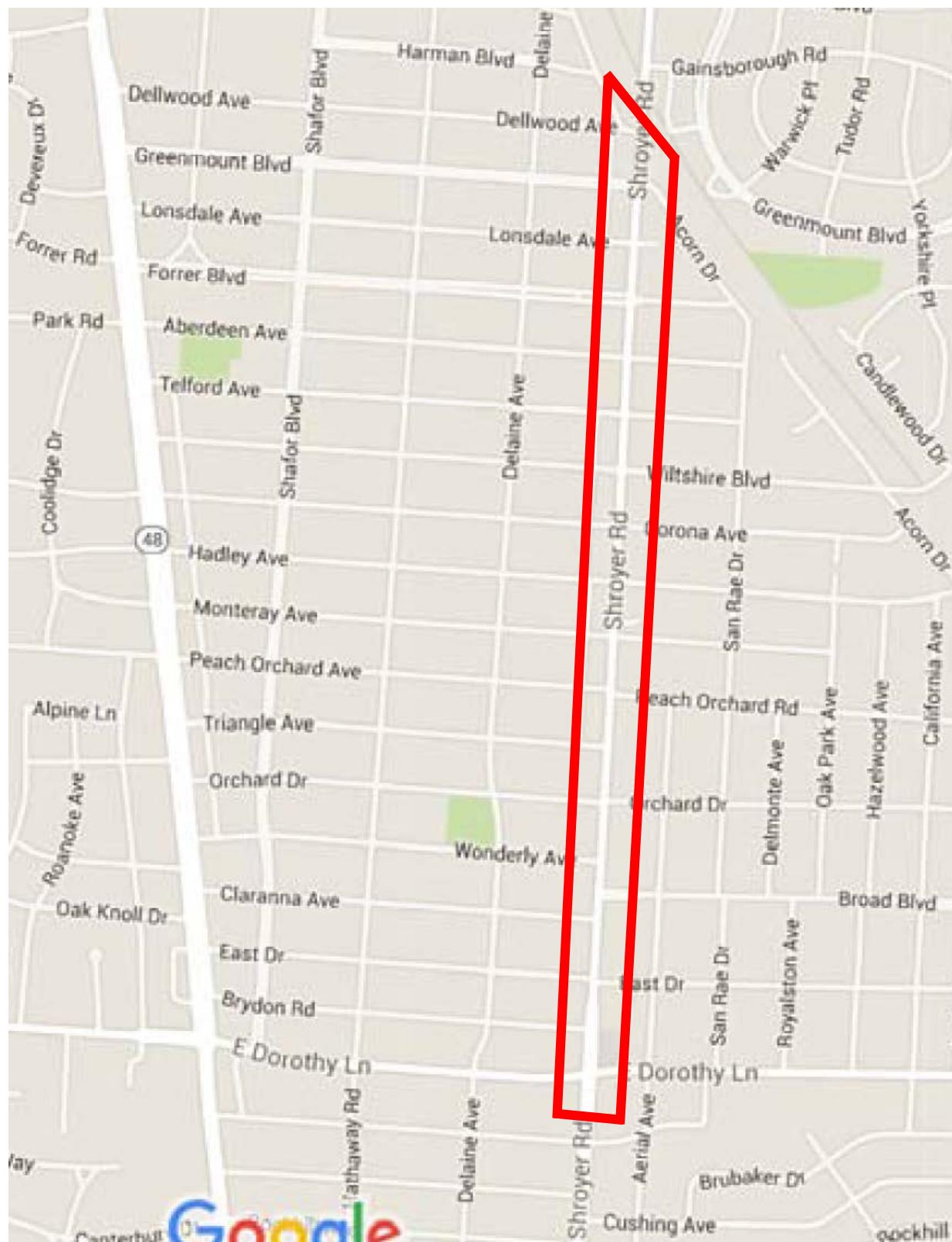
EXISTING CONDITIONS

The 1.18 mile study section of Shroyer Road is primarily located within the City of Oakwood, Montgomery County. The typical roadway section within the City of Oakwood is a 4-lane section providing connectivity as an Urban Minor Arterial between State Route 48 and Wilmington Pike. The study area is bounded by the following limits:

- **South Boundary.** The Shroyer Road and Dorothy Lane intersection is the southern boundary of the study area. The study area includes an additional 250 feet on each approach of the signalized intersection. The south end of the study area is located within the City of Kettering (850 feet). The typical roadway section within the City of Kettering at the south end of the study area is a standard 5-lane section with variable width raised median.
- **North Boundary.** The northern boundary of the study area is the north corporation line between the City of Dayton and the City of Oakwood. The typical roadway section within the City of Dayton is a 2-lane section.

The daily traffic volume on the Shroyer Road varies between 15,000 vehicles on the north end of the study area near Lonsdale Avenue and 14,300 vehicles on the south end near East Drive. **Figure 1** is an area map showing the study area of the Shroyer Road corridor (red box).

FIGURE 1: STUDY AREA MAP



BACKGROUND

The City of Oakwood is a first ring suburban neighborhood of the Dayton metropolitan region. Residential land use is adjacent to the Shroyer Road corridor. The following sites on the west side of Shroyer Road attract pedestrian traffic from the east side of the corridor:

- Orchardly Park located between Orchard Drive and Wonderly Avenue
- Wright Park/Smith Elementary/public library located between Telford and Aberdeen Ave

A safe routes to school (SRTS) plan dated August 23, 1995 shows a signalized crossing of Shafor Boulevard at the Aberdeen Avenue and the Telford Avenue intersections. Painted crosswalks at the Dellwood Avenue and Shafor Boulevard intersection were also proposed as part of the plan. No pedestrian accommodations were proposed on the Shroyer Road corridor. A copy of the SRTS plan is shown in **Appendix A**.

The City of Oakwood is a partner with the City of Kettering on a joint resurfacing project for the Shroyer Road corridor extending from the north corporation line of the City of Oakwood to the Dorothy Lane intersection within the City of Kettering. The project also continues south in the City of Kettering to Stroop Road. A project (PID #97897) on the MVRPC transportation improvement plan (TIP) has \$1.9 million allocated to pavement rehabilitation related improvements. The construction funding and project development schedule limits the scope of work to improvements within the existing right of way limits. Construction is planned for FY2018 but the project could sell as early as May 2017 (4QFY2017) if project development can be expedited.

EXISTING FEATURES

Shroyer Road has a posted speed limit of 35 miles per hour. On a four-lane undivided road, vehicle speeds can vary between travel lanes. Speed differential on Shroyer Road is most apparent as motorists approach the northbound lane merge on the north end of the study area.

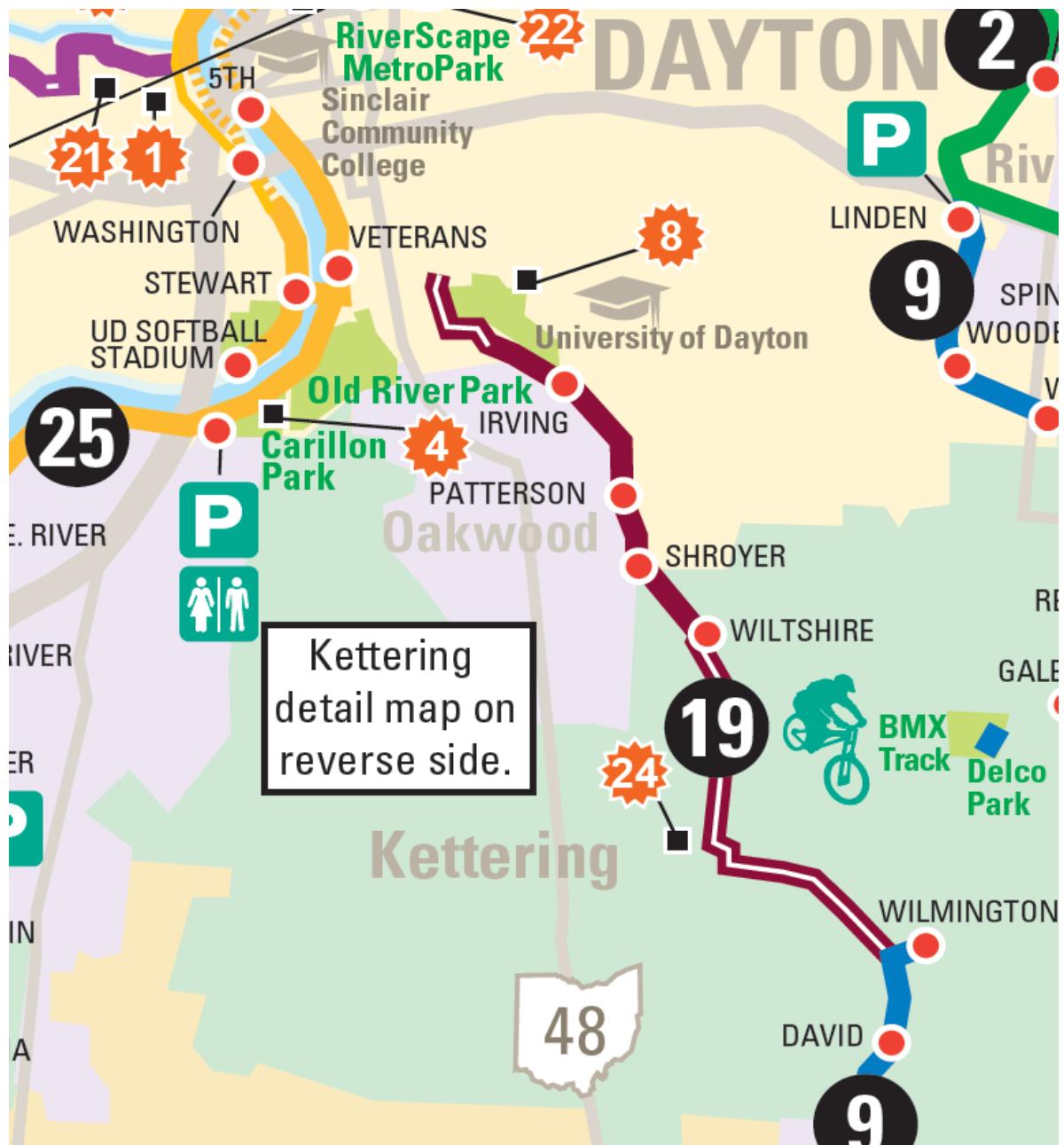
The alignment of Shroyer Road is straight. Pavement transitions occur at two locations within the study area:

- **North End.** The 4-lane roadway section transitions to a 2-lane section at the Dayton/Oakwood corporation line. The 2-lane section within the City of Dayton has a raised median (8 ft width) that serves as a pedestrian/bicycle refuge for a shared use path crossing of the Kettering-Dayton trail. Shared use path (#19) connects the University of Dayton to Iron Horse Park in the City of Centerville.

See **Figure 2** for an excerpt from the MVRPC bikepath map. The solid line represents a path physically separated from motorized traffic. Double lines represent on-street routes. The red dots represent street crossings/trail access.

- **South End.** The 4-lane roadway section transitions to a 5-lane section near the Kettering/Oakwood corporation line. The 5-lane section within the City of Kettering has a raised median (4 ft width) that restricts turning movements of private driveways and of Brydon Road. Turning movements are permitted at the Speedway gas station site.

FIGURE 2: MVRPC BIKEWAY MAP



Street lighting exists on the east side of Shroyer Road. The light fixtures extend about 13 feet from the curb to enable some illumination of the southbound lanes.

The profile of Shroyer Road has a slight grade with crest vertical curves south of Peach Orchard Avenue and at the Forrer Boulevard intersection. Stopping sight distance is limited especially when a northbound left turning vehicle is stopped at the Peach Orchard Avenue intersection. Northbound left turn movements therefore are prohibited at the Peach Orchard Avenue intersection to mitigate the potential for rear end crashes. **Photo #1** shows the Peach Orchard Avenue intersection looking south towards the crest vertical curve.

PHOTO #1: PEACH ORCHARD AVENUE INTERSECTION LOOKING SOUTH



The typical section of Shroyer Road averages 44 feet between the face of existing curbs. Sidewalk (5 feet wide) exists on both sides of Shroyer Road. The tree lawn varies between 2 and 3 feet wide within the majority of the study area. The pavement wearing surface is asphalt but the roadway base is concrete. Joint failures of the concrete result in cracking of the asphalt surface which requires sealant.

TRAFFIC OPERATIONS

All intersections within the City of Oakwood study area are unsignalized intersections. Traffic control consists of side street stop control at all unsignalized intersections; traffic on Shroyer Road has right of way and does not yield to cross street traffic.

Intersection sight distance is restricted at several intersections within the study area including Wonderly Avenue, Aberdeen Avenue (see **Photo #2**), Wiltshire Boulevard, Monteray Avenue, and others. Trees, shrubs, and embankment behind the sidewalk (west side) all contribute to restricted sight distance of approaching vehicles. The obstructions limiting sight distance are located outside of the public right-of-way.

PHOTO #2: ABERDEEN AVENUE LOOKING NORTH



Parking is permitted on Shroyer Road although on-street parking by residents is infrequent.

Dayton RTA route #17 has designed bus stops on Shroyer Road. The intervals between buses averages 1 hour and 40 minutes. The dwell time to load/unload is about 30 seconds.

DATA COLLECTION

Manual turning movement count (TMC) data was collected at all intersections within the study area by the City of Oakwood and the City of Kettering. Traffic data was collected from 7:15 to 8:45 AM and from 4:00 to 6:00 PM. Peak traffic volumes occur at the critical intersection of Dorothy Lane and Shroyer Road between 7:15 and 8:15 AM (morning peak hour) and between 4:45 and 5:45 PM (evening peak hour). **Appendix B** contains the TMC data. Peak hour volumes of the Dorothy Lane and Shroyer Road intersection are summarized in **Table 1**.

TABLE 1: DOROTHY LANE/ SHROYER ROAD TURN COUNT

Northbound Shroyer Road			Westbound Dorothy Lane			Southbound Shroyer Road			Eastbound Dorothy Lane		
LT	TH	RT	LT	TH	RT	LT	TH	RT	LT	TH	RT
AM Peak Hour (7:15 to 8:15 AM)											
62	359	84	274	631	91	100	422	138	136	412	86
PM Peak Hour (4:45 to 5:45 PM)											
72	459	102	193	585	87	173	583	94	162	871	108

A growth rate was not applied to the existing volumes since future traffic volumes are not expected to increase.

The destination of traffic in the curb lane (shared through-right movement) on the northbound approach was of particular interest to quantify the volume of through vehicles. Changes to the lane configuration of Shroyer Road may be affected by the distribution of through vehicles per lane. **Table 2** provides a summary of through vehicles in the northbound curb lane between Dorothy Lane and East Drive.

TABLE 2: THROUGH VEHICLE DISTRIBUTION BY LANE (NB APPROACH)

	Left Lane (LT)	Center Lane (TH)	Curb Lane (TH)	Curb Lane (R)
AM Peak Hour				
NB Approach Volumes at Dorothy	62	228	131	84
NB Approach Volumes at Speedway		228	108	23
NB Approach Volumes at East Drive		228	99	9
PM Peak Hour				
NB Approach Volumes at Dorothy	72	318	141	102
NB Approach Volumes at Speedway		318	116	25
NB Approach Volumes at East Drive		318	105	11

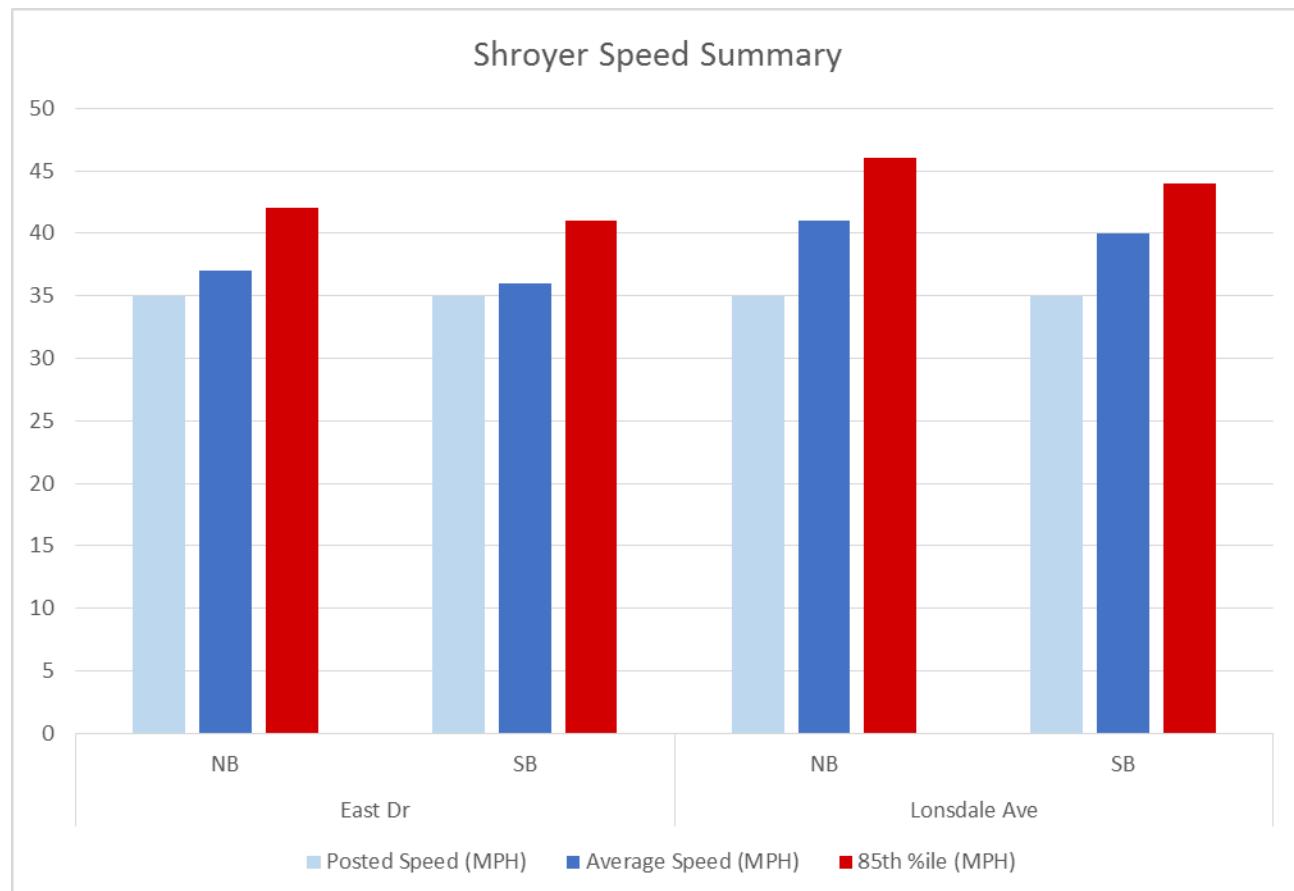
Traffic data consisting of speed and volume was also collected at 2 locations on Shroyer Road the week of February 1, 2016:

- Shroyer Rd 75 ft north of East Drive
- Shroyer Rd 75 ft north of Lonsdale Avenue

The speed data by direction (NB and SB) is summarized in **Graph 1**. The 85th percentile speed represents the speed which 85% of drivers are traveling or below. Many studies have shown that despite the posted speed limit on a given section of road, most drivers tend to travel at a speed that is comfortable relative to roadway conditions.

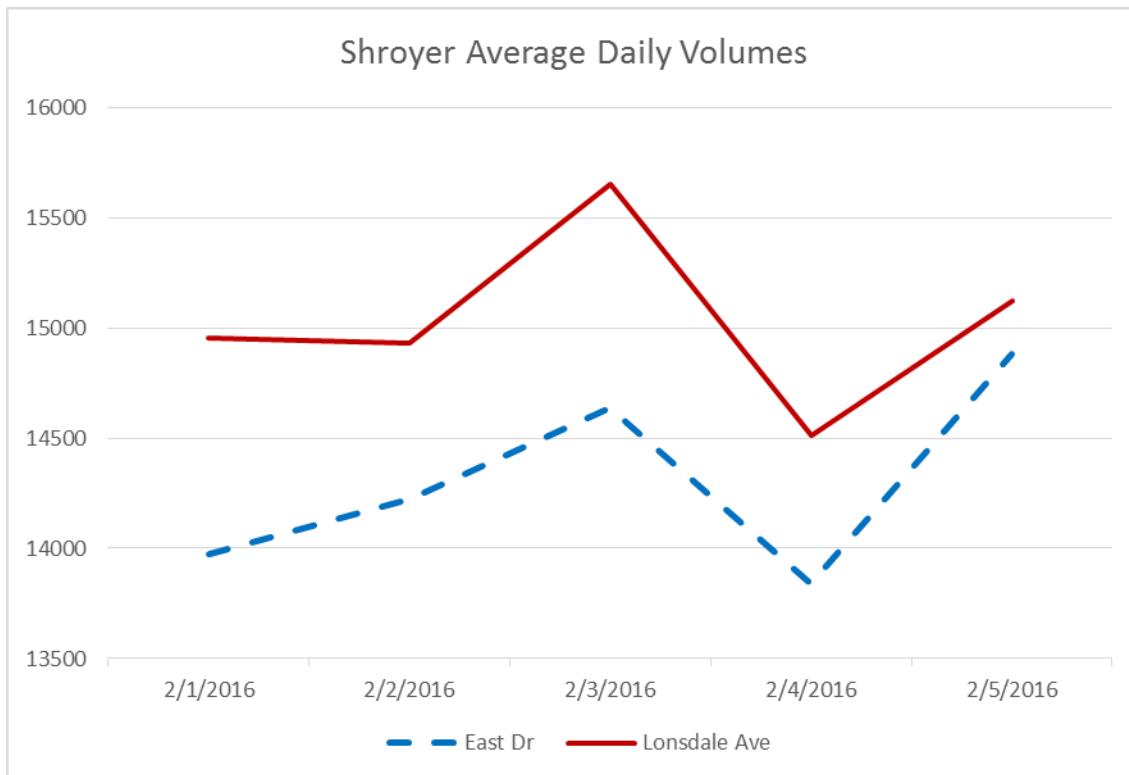
The 4-lane, undivided section of Shroyer Road does not have features to discourage operating speeds higher than 35 miles per hour. Nearly 90% of all vehicles in the northbound direction at Lonsdale Avenue were traveling over the posted speed limit of 35 miles per hour during the 5-day data collection period.

GRAPH #1: SHROYER SPEED SUMMARY



The 24-hour traffic volumes from Monday through Friday are summarized in **Graph 2**.

GRAPH #2: SHROYER AVERAGE DAILY VOLUMES



See **Appendix C** for the 24-hour traffic data (speed and volume).

CRASH ANALYSIS

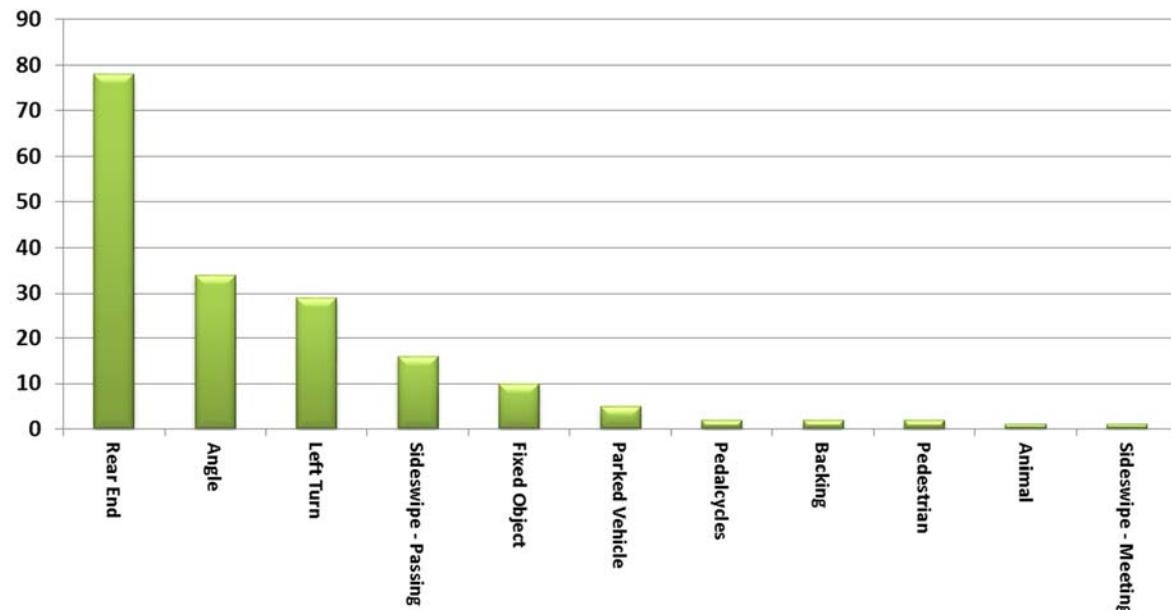
Crash data was obtained from the Ohio Department of Transportation (ODOT) for the Shroyer Road corridor, encompassing a 5-year study period between 2010 and 2014. The crash data included crashes within 250 feet of the Dorothy Lane intersection which is ranked #60 on the Miami Valley Regional Planning (MVRPC) high crash locations. The OH-1 report for each documented crash was reviewed to confirm accuracy and to locate crashes properly within the study limits. Crash diagrams are provided in **Appendix D**.

A review of crash data provided by the Ohio Department of Transportation (ODOT) crash database yielded a total of 180 crashes within the study area over the 5 year period. The following crash types and conditions are over represented within the study area compared to the statewide averages (2010-2014) shown in parenthesis.

- Injury crashes: 48 crashes or 26.7 percent (23.5 percent)
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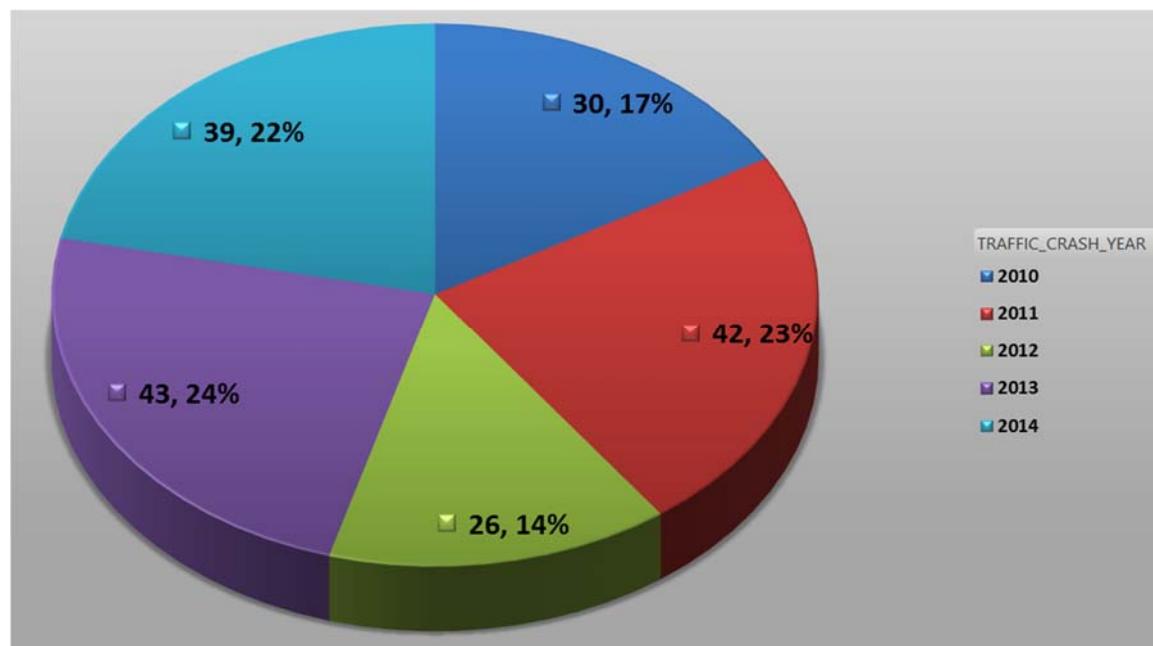
No fatalities occurred within the 5-year study period. Rear end, angle, and left turn crashes represent the top 3 crash types, accounting for over 78 percent of the total crashes as shown in **Graph #3**. Pedestrian and bicycle crashes (4 crashes) resulted in 3 injuries.

GRAPH #3: FREQUENCY OF CRASHES BY TYPE



Graph #4 shows the frequency of crashes by year. The percentage of crashes involving serious and minor visible injuries were the highest in 2013 (43 crashes or 24 percent) and 2014 (39 crashes or 22 percent). The total injury crashes within the study area is higher (26.7 percent) than the statewide average (23.5 percent) for similar corridors.

GRAPH #4: FREQUENCY OF CRASHES BY YEAR



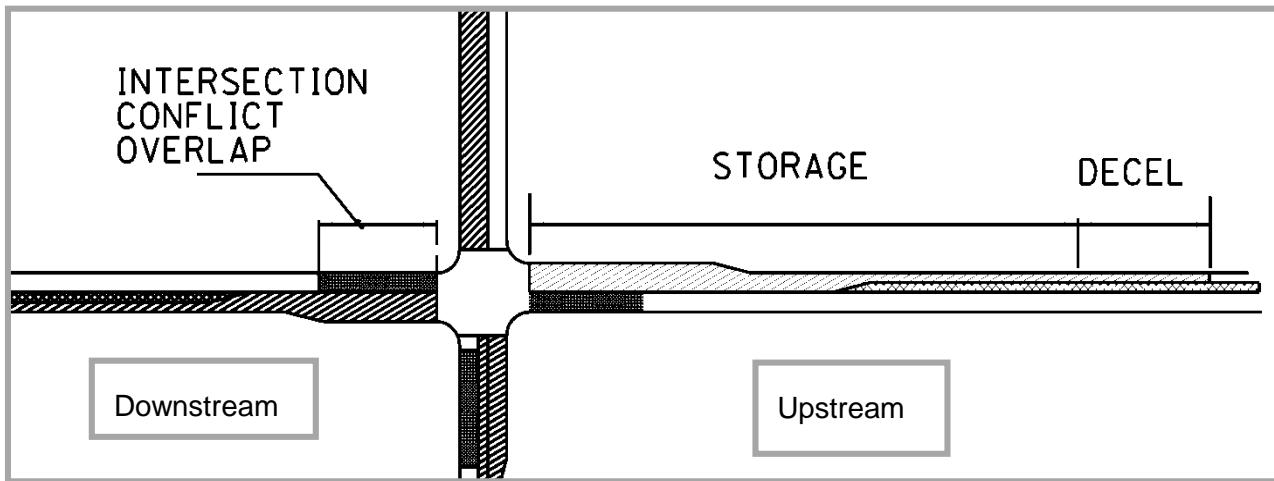
Of the 180 total crashes, 169 crashes (94 percent) occurred at intersections or driveways. The crash analysis therefore is to focus on intersection or driveway related crashes. **Table 3** below shows the breakdown of crashes that occurred at intersections or driveways within the study area. The highlighted cells indicate the higher frequency crash locations (> 6 crashes at unsignalized intersections).

TABLE 3: CRASH FREQUENCY BY LOCATION

Intersection	Rear End	Right Angle	Obl Angle	Left Turn	SS Pass	Fixed Object	Bicycle	Ped	Total Crashes
City of Kettering									
Dorothy Lane	32	14	10	23	7	2	0	1	89
City of Oakwood									
East Drive	2	1	0	1	2	1	0	0	7
Claranna Ave	2	0	1	0	1	0	0	0	4
Broad Blvd	3	0	0	0	0	0	0	0	3
Wonderly Ave	6	1	0	0	1	0	0	0	8
Orchard Drive	4	0	0	1	0	0	0	0	5
Triangle Ave	1	0	0	1	0	1	0	0	3
Peach Orchard	3	4	0	0	0	0	0	1	8
Monteray Ave	0	0	0	0	0	2	0	0	2
Hadley Ave	1	0	0	0	0	0	0	0	1
Corona Ave	1	0	1	1	1	0	0	0	4
Wiltshire Blvd	5	2	0	0	0	0	0	0	7
Telford Ave	2	0	1	0	0	0	0	0	3
Aberdeen Ave	7	1	0	0	0	1	0	0	9
Forrer Blvd	3	0	0	0	1	0	0	0	4
Lonsdale Ave	0	1	0	0	1	1	0	0	3
Acorn Drive	2	0	0	1	0	1	2	0	6
Dellwood Ave	0	0	1	0	1	1	0	0	3
Oakwood Subtotal	42	10	4	5	8	8	2	1	80

The Dorothy Lane intersection includes crashes within the functional area of a signalized intersection (250 feet). The functional area of an intersection is defined as the area beyond the physical intersection of two roadways as shown in **Figure 3**. The functional area for a leg of an intersection includes two components: one upstream of the physical area of the intersection and one downstream. The upstream (or intersection approach) includes additional length for decision-making, maneuvering, and required vehicle storage. The downstream area consists of a conflict overlap distance that allows a through vehicle to clear the intersection in addition to downstream conflict points.

FIGURE 3: INTERSECTION FUNCTIONAL AREA



A review of the documented crash history on Shroyer Road within the City of Oakwood suggests patterns that are consistent with urban/suburban corridors having 4 lanes. The 4-lane section of Shroyer Road exhibits the following crash patterns:

- **Rear end crash.** Vehicles stop to turn left in the shared left-through lane. Lack of attention by a following vehicle results in a rear end crash. Following vehicles that abruptly change lanes also contribute to following vehicles colliding with a stopped vehicle intending to turn left at an unsignalized intersection. Rear end crashes can also occur when a vehicle slows intending to complete a right turn movement. The percentage of rear end crashes are two times higher (42.8 percent) than the statewide average (20.7 percent)
- **Sideswipe passing crash.** Sideswipe crashes occur when a lead vehicle slows to complete a turning movement at an unsignalized intersection. Following vehicles abruptly change lanes to avoid the need to slow or stop and collide with vehicles in an adjacent lane. The percentage of sideswipe passing crashes are higher (8.9 percent) than the statewide average (6.9 percent).
- **Right angle crash.** Right angle crashes are attributed to sight distance obstructions. Sight distance is restricted by trees, fencing, landscaping, and embankment located behind the sidewalk. Intersection sight distance can also be restricted when an RTA bus is stopped to load/unload passengers in the curb lane thus blocking visibility of through traffic in the adjacent lane.

A right angle crash pattern (4 crashes) also exists at the Peach Orchard Avenue intersection. The profile of Shroyer Road limits the sight distance of northbound vehicles. Vehicles turning from Peach Orchard Avenue are at fault for all right turn crashes since a No Left Turn sign (R3-2) is posted on the northbound approach.

Operational characteristics that contribute to the safety performance of existing Shroyer Road include higher operating speeds, more conflict points, and restricted sight distance of left turning vehicles on the major street.

Two pedestrian and two bicycle crashes also occurred. Three of these crashes resulted in injuries:

- A pedestrian struck on September 1, 2014 was crossing the north leg of Shroyer Road at Dorothy Lane.
- A pedestrian struck on December 9, 2010 was riding a skateboard on Peach Orchard Avenue and was at fault. No injuries were reported.
- A bicyclist struck on August 13, 2013 was riding southbound on the sidewalk at Acorn Drive.
- A bicyclist struck on January 10, 2014 was crossing Shroyer Road at Acorn Drive and was at fault.

A pedestrian was also struck on September 10, 2015 on Shroyer Road about 100 feet south of Wiltshire Boulevard. The elementary school age pedestrian suffered minor injuries from the crash. Although this crash occurred outside the 5-year time period of this safety study, the crash highlights the challenges facing pedestrians, especially school age pedestrians, of choosing adequate gaps in traffic when crossing the 4-lane section of Shroyer Road. No facilities exist to assist pedestrians to cross Shroyer Road other than the legal (unmarked) crosswalks at each unsignalized intersection within the study area.

A review of the documented crash history on at the Dorothy Lane/Shroyer Road intersection within the City of Kettering is summarized in **Table 4**. Note that the functional area of the intersection is assumed to be 250 feet.

TABLE 4: DOROTHY LANE/SHROYER ROAD CRASH SUMMARY

Crash Type ¹ / Direction	North Leg (SB)	South Leg (NB)	East Leg (WB)	West Leg (EB)
Rear End	9 (1D)	7	8 (2D)	8
Right Angle	7 (7D)	3 (3R)	4 (4D)	0
Oblique Angle	3 (1D)	0	3 (2D)	1
Left Turn	6 (1R) (1D)	4 (2R)	3 (1D)	11 (2R)
SS passing	1	2	1	0
Fixed Obj	0	0	0	1
Ped	1	0	0	0

Note 1: (xR) represents the number Red Light Running violations of the total crash type
(xD) represents the number of crashes attributed to a private driveway

COUNTERMEASURES

The following section addresses contributing factors associated with the prevalent crashes patterns on Shroyer Road and potential countermeasures to mitigate those crashes. Additional countermeasures are recommended to minimize potential safety issues that may not be directly attributed to historical crash trends.

SHROYER ROAD DIET – 80 CRASHES

A road diet is proposed to mitigate the 80 crashes within the City of Oakwood. A road diet is the conversion of an undivided 4-lane roadway to a 3-lane roadway made up of two through lanes (one each direction) and a center left turn lane with a raised median or two-way left-turn lane (TWLTL). The reduction of lanes allows the roadway cross section to be reallocated for other uses such as bike lanes and pedestrian refuge islands.

Traditional road diets involve the conversion of a 4-lane undivided cross-section to a 3-lane cross section which has 1 travel lane in each direction and a center turn lane. The introduction of the center turn lane removes turning traffic from through lanes and aligns left turning vehicles, removing sight distance obstructions from opposing left turn vehicles, and eliminating speed differential in the travel lanes. This results in consistent speeds on the corridor, reducing rear end crashes and left turn angle crashes. Due to the fact that a traditional road diet does not significantly impact capacity on the roadway, these applications may be used on roadways operating near capacity with the 4-lane cross section without significant operational impacts. Benefits of road diets include the following:

- traffic calming including reduced and uniform speeds;
- improved safety performance;
- improved pedestrian accommodation resulting from decreased crossing distance and slower vehicular speeds (e.g., passing by higher speed vehicles is not possible);
- improved bicycle accommodations.

Four (4) lane, undivided roadways such as Shroyer Road experience a number of typical crash types as traffic volumes increase:

- Rear end and sideswipe crashes caused by speed differential between vehicles;
- Sideswipe crashes caused by frequent lane changing between two through lanes often due to stopped vehicles in the inside travel lane waiting to turn left;
- Rear end crashes caused by left-turning vehicles stopped in the inside travel lane;
- Angle crashes caused by side street traffic crossing four lanes to make a through movement across an intersection;
- Left turn crashes caused by restricted sight distance obstructed by opposing left turning vehicles that are offset;
- Bicycle crashes due to a lack of available space for bicyclists to ride comfortably; and
- Pedestrian crashes due to the number of lanes for pedestrians to cross with no refuge.

The Federal Highway Administration (FHWA) has determined through various studies that the acceptable range of daily traffic for a road diet as discussed in this report is 15,000 to 24,000 vehicles per day. The average daily traffic volume on Shroyer Road of 15,000 vehicles per day is well below the 24,000 upper threshold.

Research has documented a 19 to 47 percent reduction in overall crashes when a road diet is installed on a previously four-lane undivided facility. ODOT recognizes that an average crash reduction of 30 percent can be expected for all types and severity when converting a 4-lane section to a 3-lane section of a minor arterial roadway such as Shroyer Road. A reduction in crashes involving drivers under 35 years of age and over 65 years of age has also been documented with a road diet. Crashes involving at least one driver under 35 years old or greater than 65 years old comprised 73 percent of all crashes on Shroyer Road.

The revised cross section on Shroyer Road consists of through lane widths of 11 feet (plus a 0.5 ft shoulder adjacent to the raised median), dedicated bike lanes of 5 feet, and an 11 ft raised median. **Figure 4** is a typical section of Shroyer Road showing pavement dimensions adjacent to the raised medians. Note that the existing concrete curbs remain in the same location as they exist today.

FIGURE 4: SHROYER ROAD TYPICAL SECTION

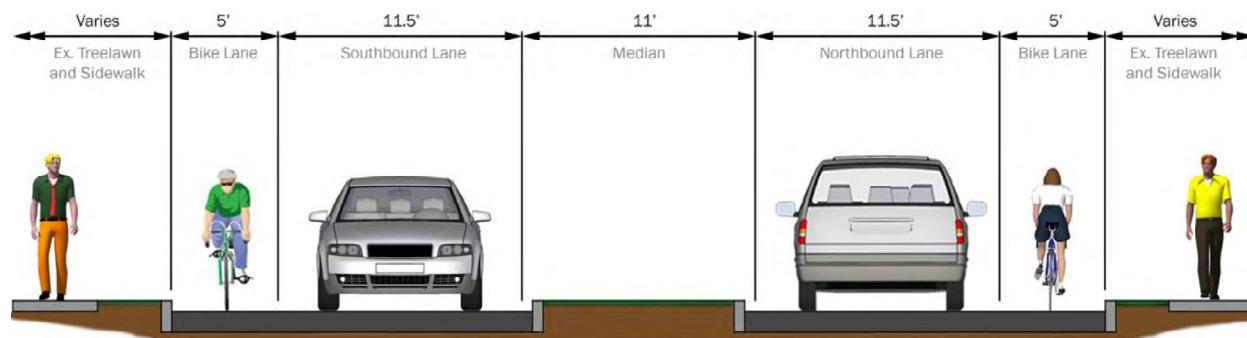
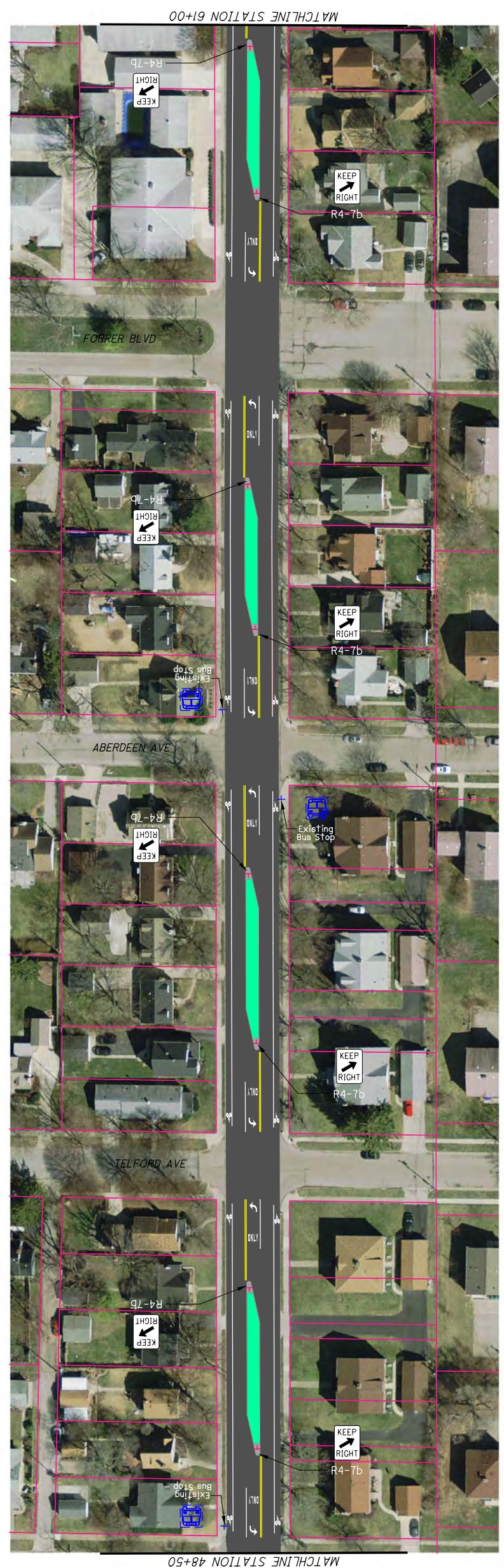
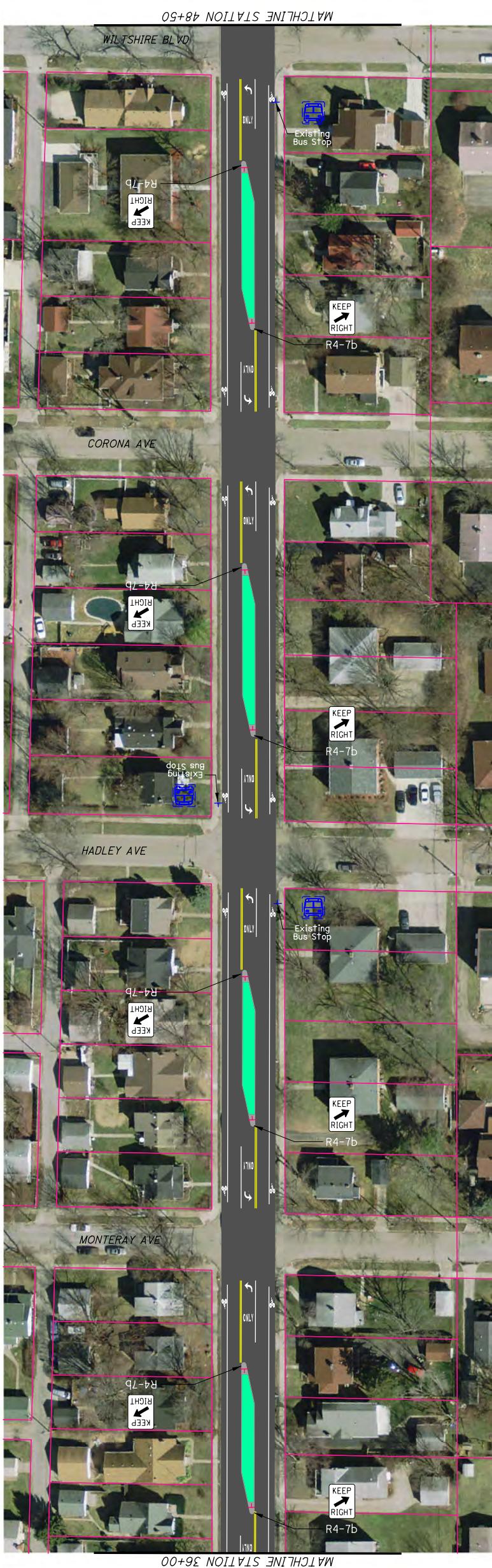


Figure 5 are conceptual plans of the Shroyer Road corridor as a 3-lane section. Additional information about the various design features of the road diet are included in the following section.

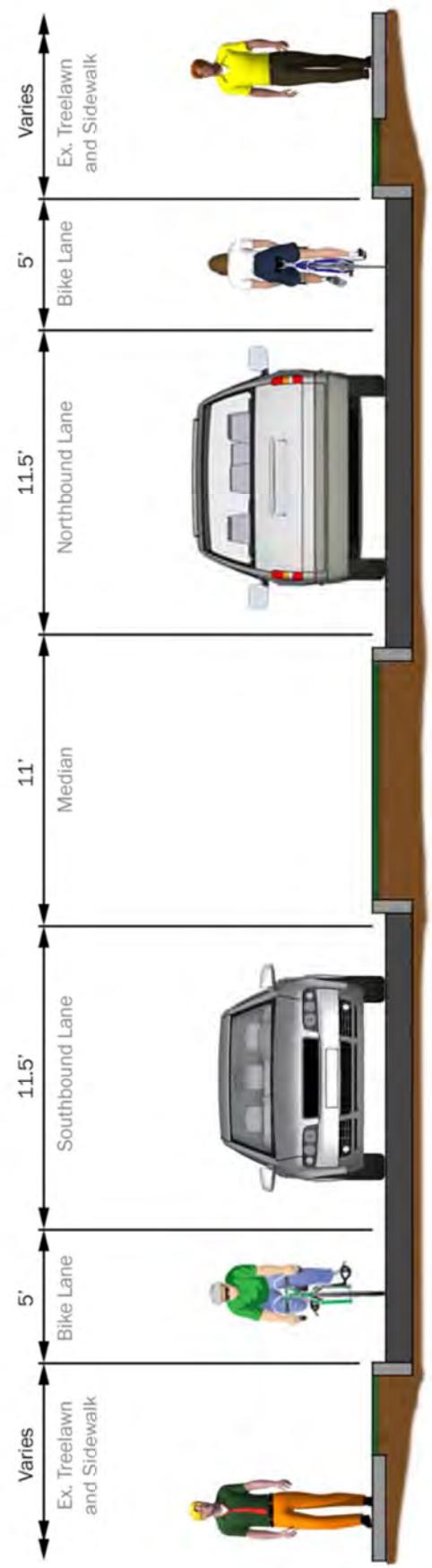
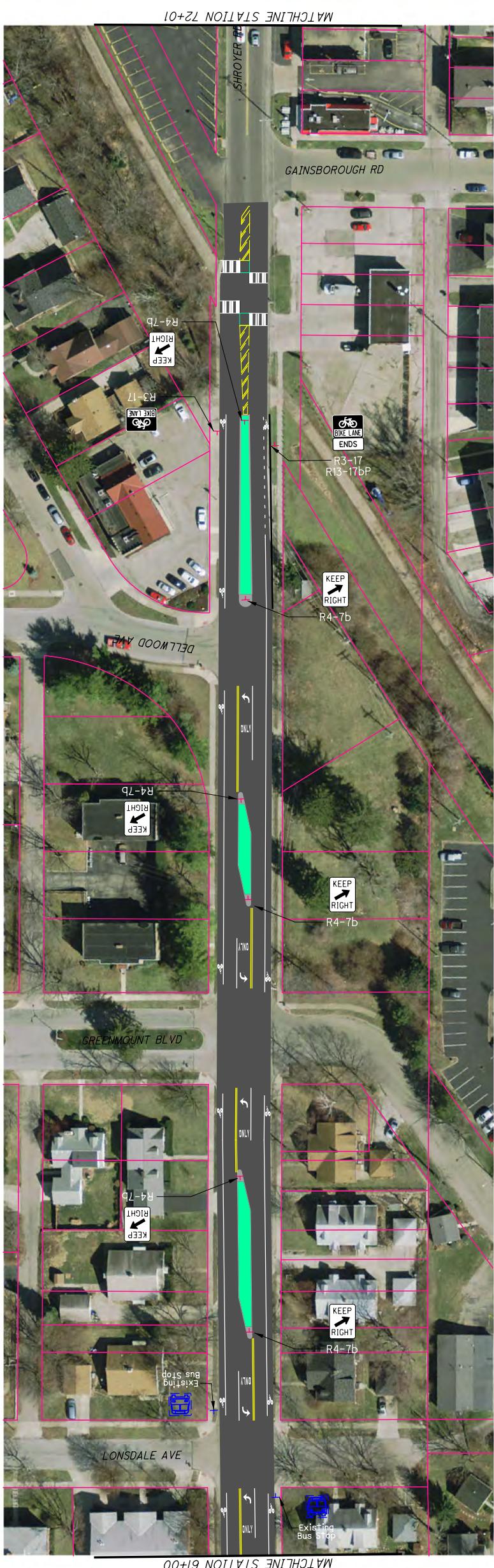
Operational factors taken into consideration as part of the proposed cross section includes the following:

1. **Median Type.** A raised median (11 feet wide) is proposed between unsignalized intersections to maximize the safety benefits of the proposed improvement. The crash rate of 3.1 million vehicle miles traveled (MVMT) for the Shroyer Road corridor having an access density of approximately 60 per mile is lower than what can be expected for an undivided roadway. The installation of a raised median is shown to reduce the crash rate from existing levels based on the trends shown in **Table 5** (The Handbook of Highway Engineering, 2004).





N

SCALE IN FEET
HORIZONTAL
25
50
100CALCULATED 0
SAK
CHECKED
SAK

SHROYER ROAD TYPICAL SECTION

TABLE 5: CRASH RATES BY MEDIAN TYPE

Representative Accident Rates (Crashes per Million VMT) by Type of Median Urban and Suburban Areas

Total Access Points Per Mile ^a	Median Type		
	Undivided	Two-Way Left-Turn Lane	Non-Traversable Median
<20	3.8	3.4	2.9
20.01–40	7.3	5.9	5.1
40.01–60	9.4	7.9	6.8
>60	10.6	9.2	8.2
Average rate	9.0	6.9	5.6

Source: Gluck et al., 1998.

^a Includes both signalized and unsignalized access points.

A raised median provides safety benefits to motorists and to pedestrians who use the raised island as a refuge when crossing Shroyer Road. See the following discussion of enhanced pedestrian crossings within the study area. Raised medians will result in restricted left turn access to some residential properties fronting Shroyer Road. **Table 6** lists the parcels that would see restricted movements given the median plan depicted in this study. This list may be reduced depending on the final location of the raised medians.

TABLE 6: RAISED MEDIAN IMPACTS

X street	House #	X street	House #	X street	House #	X street	House #
East		Orchard		Corona		Aberdeen	
	2721		2423		1916		1619
	2720		2420		1912		1616
	2717		2416		1906		1615
	2716		2410	Wiltshire			1611
	2712		2401		1808 ¹		1610
	2711	Triangle			1800 ¹		1606
	2706		2326	Telford		Forrer	
Claranna			2320/2322		1723		1516
	2630		2316		1722 ¹		1512
			2312		1717		1506
Wonderly			2308		1713		1505 ¹
	2526	Peach Orchard			1712 ¹	Lonsdale	
	2524		2216/2218		1700 ¹		1415/1417
	2523/2525		2212				1414/1416
	2518	Monteray					1408/1410
	2514/2516			2110 ¹			1401
	2506/2508	Hadley				Acorn	
	2501		2010 ¹				
Note 1: Property address for 4-unit apartment							

2. **Left turn lane lengths.** The average length of dedicated left turn lanes at unsignalized intersections is equal to 100 feet which includes the 50 ft diverging taper. The full width, left turn lane length of 50 feet is adequate to serve peak hour volumes of 60 vehicles (or 15 vehicles in a 15-minute period).

Data collection conducted by the City of Oakwood indicate that left turn volumes do not exceed 60 vehicles in the peak hour (or 15 vehicles in the peak 15 minute period) with one exception: the NB left turn movement at Dellwood Avenue. The peak 15-minute period at the Dellwood Avenue intersection documented 17 northbound vehicles turning left which requires an additional 20 feet of length. See **Appendix B** for turning movement data at each intersection within the study area.

3. **Dedicated bike lanes.** Dedicated bike lanes are proposed on most segments of Shroyer Road. Segments where travel lanes transition between East Drive and Claranna Avenue are not able to accommodate dedicated bike lanes. The use of sharrows are proposed for this segment to indicate motorists are to share the roadway with cyclists. Bike lanes provide a route for cyclists to access the Kettering-Dayton trail (#19) from the residential land uses within the City of Oakwood. The bike lane also provides a buffer to pedestrians on the existing sidewalk.
4. **Bus Route.** Bus route #17 has 7 bus stop locations on northbound Shroyer Road and 8 bus stop locations on southbound Shroyer Road. The proposed 3-lane section will result in delays to motorists using Shroyer Road when a bus stops to load/unload passengers. The greatest delays can be expected during the peak hours when one bus is scheduled every 1 hour and 40 minutes.

A bus pull off can be accommodated at the East Drive intersection in the northbound direction to minimize delays to through traffic. A reduction of the number of bus stop locations to 4 in each direction should also be considered to reduce delays to through traffic. Assuming a bus stops at every stop (4 locations) during the PM peak period in the southbound direction, a maximum queue length of 1,000 feet could form behind a bus over a 3.5 minute period before it reaches the Dorothy Lane intersection.

$$\begin{aligned} & 850 \text{ vehicles} \\ & \div 60 \text{ min/hour} \\ & \times 3.5 \text{ minutes} \\ & \underline{\times 20 \text{ feet/vehicle}} \\ & 992 \text{ feet} \end{aligned}$$

5. **Intersection Capacity.** Intersection capacity analysis was performed at the highest volume intersections within the City of Oakwood: Claranna Avenue, Wiltshire Boulevard, and Greenmount Boulevard. The capacity analysis shows that the Level of Service (LOS) on the side street approaches during the peak traffic period, can expect to degrade from an LOS C to LOS D at 2 intersections as shown in **Table 7**. The other intersections on Shroyer Road can expect to experience delays consistent with an LOS C for the proposed

3-lane section. Levels of service are considered to be within an acceptable range for values of LOS D or better.

TABLE 7: LEVEL OF SERVICE SUMMARY

	Existing Condition (4 lane section)		Proposed Condition (3-lane section)	
CROSS STREET	DELAY (SEC)	LOS	DELAY (SEC)	LOS
Claranna Avenue	19.3	C	30.5	D
Wiltshire Boulevard	23.6	C	32.8	D
Greenmount Blvd	14.1	B	21.0	C

Capacity analyses are summarized in **Appendix E**.

The construction costs for sawcut of pavement, excavation, raised medians, and signs is estimated to be \$480,000. The construction costs do not include aesthetic enhancements such as landscaping of the grass medians. Landscape design of the medians should take into account intersection sight distance during the preliminary design.

See **Appendix F** for construction cost estimate.

SPEEDWAY ACCESS MANAGEMENT – 14 CRASHES

There were a total of 14 crashes involving vehicles from the Speedway site in the northeast quadrant of the Dorothy Lane and Shroyer Road intersection. None of the crashes occurred within the AM (7:15 to 8:15) and PM (4:45 to 5:45) peak hours.

- Seven (7) angle crashes occurred at the Speedway access on Shroyer Road. All but one of the angle crashes involved through traffic on the southbound approach to Dorothy Lane. One crash involved a southbound left turning vehicle entering the site. One crash involved an emergency vehicle traveling left of center to avoid queues on the southbound approach.
- Six (6) angle crashes occurred at the Speedway access on Dorothy Lane. All crashes involved vehicles exiting the Speedway site with the majority turning left.

The Shroyer Road access is located 100 feet from the Dorothy Lane intersection whereas the Dorothy Lane access to the Speedway site is located 80 feet from Shroyer Road.

Restricting the left turn movement from the Shroyer Road access is proposed as the most feasible countermeasure to mitigate crashes. Motorists leaving the site can reach all destinations by using the Dorothy Lane access. The implementation of such a change of access can be accomplished by narrowing the median opening on Shroyer Road by 20 feet to allow southbound left turn, northbound right turn, and westbound right turn movements to/from the site.

Implementation costs if incorporated as part of the resurfacing project is estimated at \$5,000 for sawcut of pavement, excavation, signs, and concrete median costs. Maintenance of traffic is included as part of the separate resurfacing project. See **Appendix F** for a detailed breakdown of the cost estimate.

WESTBOUND LEFT TURN PHASING (DOROTHY/SHROYER) – 11 CRASHES

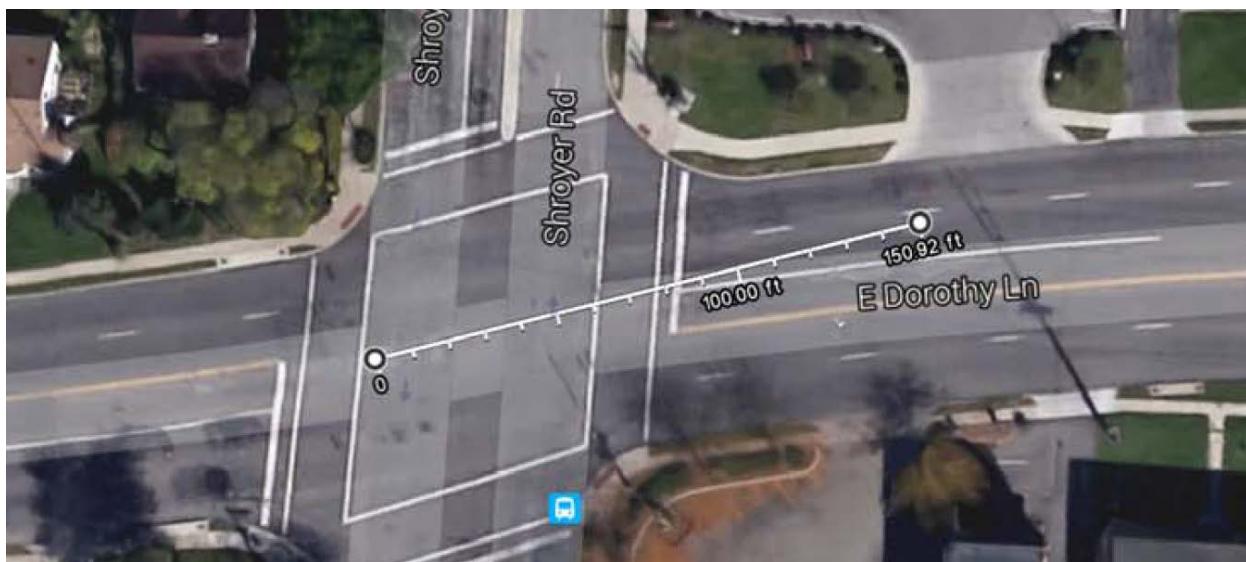
There were a total of 11 left turn crashes involving eastbound left turning vehicles and westbound through vehicles at the intersection of Shroyer Road and Dorothy Lane. Two of the 11 crashes were attributed to red light running of westbound through traffic. The motorist turning left was at-fault for the remaining 9 crashes.

Figure 6 shows the sight line of an eastbound left turning motorist (150 feet). The sight distance of 150 feet or less is available when an opposing westbound left turn vehicle is present. The horizontal curvature of Dorothy Lane reduces the available sight distance at the Shroyer Road intersection. The ODOT Location and Design Manual, Volume 2, Figure 201-1E suggests a minimum stopping sight distance of 250 feet for speeds of 35 miles per hour. The available sight distance is not adequate for approach speeds greater than or equal to 25 miles per hour.

The existing signal phasing is a protected/permissive phase for both the eastbound and westbound left turn movements. Opposing left turning vehicles restrict sight distances to lengths less than the posted speed limit on Dorothy Lane. **Changing the protected/permissive left turn phase to protected only phasing is recommended unless the intersection sight distance is improved to meet minimum criteria.** Progression on Dorothy Lane will need to be evaluated by others to determine if lead/lead or lead (EB)/lag (WB) is preferred to reduce stops.

Implementation costs of \$6,000 are estimated for a new signal head, signal timing analysis, and new signal cables.

FIGURE 6: EASTBOUND LEFT TURN SSD



SHROYER ROAD SIGHT DISTANCE – 9 CRASHES

There were a total of 9 left turn crashes occurred on the Shroyer Road approaches to Dorothy Lane:

- Five (5) left turn crashes involving southbound left turning vehicles and northbound through vehicles. One northbound through motorist was at-fault for a red light running violation.
- Four (4) left turn crashes involving northbound left turning vehicles and southbound through vehicles. Two southbound through motorists were at-fault for red light running violations.

Raised medians extend to the stop line adjacent to the southbound left turn lane to control access to private driveways within the functional area of the intersection. The raised medians, however, reduce the available sight distance of left turning vehicles during the permissive left turn phase.

Similar to the eastbound left turn movement, sight distance of 150 feet or less is available when an opposing northbound left turn vehicle is present. The ODOT Location and Design manual, Volume 2, Figure 201-1E suggests a minimum stopping sight distance of 250 feet for speeds of 35 miles per hour. The available sight distance is not adequate for approach speeds greater than or equal to 25 miles per hour.

Two low cost countermeasures are proposed to mitigate left turn crashes on the Shroyer Road approaches:

- Reduce length of median on the southbound Shroyer Road approach by 25 feet. Add painted island between the through and left turn lanes to encourage drivers to favor the painted centerline thus improve intersection sight distance.
- Add a painted island on the northbound approach between the through and left turn lanes. The painted island is to encourage drivers to favor the painted centerline thus improve intersection sight distance.

Implementation costs if incorporated as part of the resurfacing project is estimated at \$5,000 for sawcut of pavement, excavation, pavement markings, and concrete median costs. Maintenance of traffic is included as part of the separate resurfacing project.

TRAFFIC SIGNAL INSTALLATION -- GENERAL

The following countermeasures are recommended to mitigate crash frequency at the Dorothy Lane and Shroyer Road intersection:

1. **Review clearance Intervals.** A review of the yellow change and all red clearance times for through movements is recommended. The standard yellow clearance for a 35 MPH is 3.6 seconds whereas yellow clearance times of 3.9 seconds (40 MPH) for the Shroyer Road approaches and 4.2 seconds (45 MPH) for the Dorothy Lane approaches are currently programmed. NCHRP Report 731 dated July 2012 confirms that the ITE clearance interval guidelines are used by the highest percentage of state and local

agencies resulting in a total crash reduction of 8 to 14 percent – an injury reduction of 12 percent also can be expected.

The NCHRP Report 731 also recommends using a design speed of 20 MPH for left turning vehicles which is used by the City of Kettering. The left turn crashes therefore are believed to be a function of sight distance and not clearance timing as discussed above.

2. **Upgrade existing traffic signal installation:** Upgrades to the existing traffic signal are recommended in conjunction with the lane configuration and clearance interval changes and to address the observed need for signal maintenance. The recommendation includes the following components and has potential to mitigate all intersection related (non-driveway) crashes.
 - Replace all signal heads and provide reflective back plates on new heads
 - Add supplemental signal head to the east and westbound approaches to compensate for the horizontal curve on both approaches. Mount a single, 3-section signal head near side, far right to maximize visibility of the signal installation.

IMPLEMENTATION

Implementation of the following countermeasures are proposed to be incorporated as part of the currently programmed resurfacing project (PID #97897). The design schedule could be accelerated in 2016 to meet a plan sale date of May 2017.

1. **Shroyer Road diet.** Convert the existing 4-lane section of Shroyer Road north of Dorothy Lane to a 3-lane section with raised medians and bike lanes. Overhead lane use signs are included as part of the lane conversion project. The final decision to convert Shroyer Road to a 3-lane section as part of the roadway resurfacing project is needed by April 2016 to meet a May 2017 sale date.
2. **Median reconstruction.** Reconstruction of the existing median on Shroyer Road is proposed to be incorporated as part of the currently programmed resurfacing project (PID #97897). Median reconstruction includes a median extension to restrict left turn movements from the Speedway site and a median removal to improve intersection sight distance on the Shroyer Road approaches at Dorothy Lane.

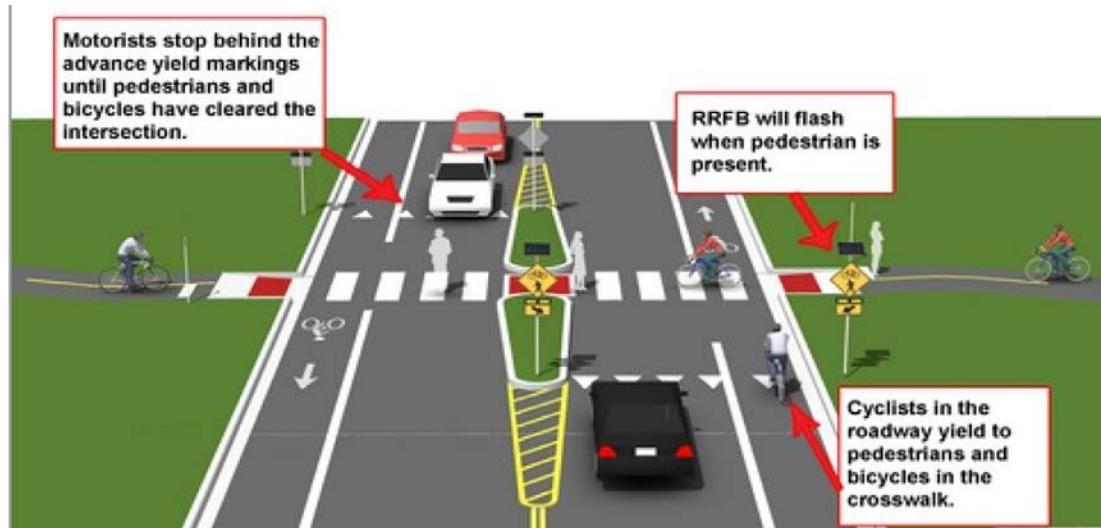
General improvements to the traffic signal installation can be implemented as part of a separate project. Additional design is required to confirm the existing strain poles are adequate to support the increased loading caused by additional signal heads and backplates. The ability of the overall construction budget to accommodate an increase of scope and the associated design time are factors that affect the implementation schedule of signal improvements at Dorothy Lane/Shroyer Road.

Note that improvements to the Shroyer Road corridor should extend beyond the existing curb lines. Construction activities that extend beyond the existing right of way limits should be avoided to meet schedule commitments for the federal funds.

Other enhancements that may be considered to improve the safety performance of Shroyer Road include the following:

- **Mid-block pedestrian refuge.** A pedestrian refuge may be considered at mid-block locations on Shroyer Road. The pedestrian crossing would be designed to permit a half crossing of Shroyer Road. The pedestrian crossing may be equipped with a Rapid Rectangular Flashing Beacon (RRFB) to enhance the visibility of the crosswalk when pedestrians are present. **Figure 7** from the City of Bloomington, Indiana depicts how an RRFB operates at a crossing.

FIGURE 7: RRFB CROSSING EXAMPLE



- **Street lighting.** Crash analysis of Shroyer Road shows that crashes during non-daylight conditions comprise 26% of all crashes whereas the statewide average for similar roadways is equal to 36%. Existing street lighting on the east side of Shroyer Road may contribute to the improved performance of Shroyer Road when compared to the statewide average.

Despite the presence of street lighting on the east side of Shroyer Road, street lighting to improve illumination on the west side of Shroyer Road would enhance visibility during non-daylight conditions. Lighting at intersections can reduce crashes by as much as 31 to 38 percent (ODOT CRF table). Since lighting exists on the east side of Shroyer Road, the actual reduction of crashes will be less than published in the ODOT crash reduction factors. The addition of lighting on the west side would be expected to result in a net improvement to safety performance within the study area.

Shroyer Road Safety Study

APPENDIX A: SAFE ROUTES TO SCHOOL (SRTS)
PLAN



SMITH SCHOOL SUGGESTED SCHOOL ROUTE MAP



LEGEND	
	TRAFFIC SIGNAL WITH STUDENT CROSSING GUARD
	TRAFFIC SIGNAL WITH ADULT CROSSING GUARD
	TRAFFIC SIGNAL
	PAINTED CROSSWALK
	SUGGESTED SCHOOL ROUTE

UPDATED WITH ASSISTANCE FROM THE OAKWOOD CITY SCHOOLS AND MIAMI VALLEY AAA 8/23/95

NOTE TO PARENTS

This "Suggested School Route Map" is designed to suggest to students and parents good routes to school. Of all the routes available in the city, these were selected as the safest for our children. The routes provide a reasonable amount of protection yet still require personal responsibility by the pedestrian. The arrows show the suggested routes, but do not depict what side of the street should be used. Generally, pedestrians should walk against vehicular travel, wherever practicable.

The map is provided to assist parents in determining the safest and best routes for their children to travel to school. It does not, however, take the place of parental responsibility. Parents are ultimately responsible for the well-being of their children and therefore must decide which routes their children will use. All parents should teach their children safe walking habits. We recommend not only reviewing the map with children, but also walking the routes with them. Parents may also find the map useful in selecting routes to church, the store, the playground or even a friend's home.

At some locations, the Adult Crossing Guards and Student Crossing Guards are on duty to assist children. Parents should consider arranging departure times from home to coincide with the times the Guards are on duty in order to best utilize the assistance they provide.

If you have any questions or comments regarding this map, please contact your school office or the City of Oakwood Engineer at 298-0600.

Shroyer Road Safety Study

APPENDIX B: INTERSECTION TURNING
MOVEMENT COUNT (TMC) DATA



City of Kettering

Engineering Dept.
3600 Shroyer Road
Kettering, Ohio 45429
937.296-2436
www.ketteringoh.org

Default Comments
Change These in The Preferences Window
Select File/Preference in the Main Scree
Then Click the Comments Tab

File Name : Dorothy & Shroyer - Morning - 15 Dec 2015
Site Code : 52015001
Start Date : 12/15/2015
Page No : 1

City of Kettering

Engineering Dept.
3600 Shroyer Road
Kettering, Ohio 45429
937.296-2436
www.ketteringohio.org

Default Comments
Change These in The Preferences Window
Select File/Preference in the Main Scree
Then Click the Comments Tab

File Name : Dorothy & Shroyer - Evening - 15 Dec 2015
Site Code : 52015002
Start Date : 12/15/2015
Page No : 1

City of Kettering

Engineering Dept.
3600 Shroyer Road
Kettering, Ohio 45429
937.296.2436

www.ketteringoh.org

Default Comments
Change These in The Preferences Window
Select File/Preference in the Main Screen
Then Click the Comments Tab

File Name : Dorothy & Shroyer Turn Count - Morning of 08 Dec 2015
Site Code : 82015001
Start Date : 12/08/2015
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	From North			From East			From South			From West						
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:37 AM	0	0	0	0	0	0	0	0	0	0	17	54	58	0	129	0
07:52 AM	0	0	0	0	0	0	0	0	0	0	21	32	58	1	112	0
08:07 AM	0	0	0	0	0	0	0	0	0	0	15	29	64	0	108	0
08:22 AM	0	0	0	0	0	0	0	0	0	0	25	26	48	0	99	0
08:37 AM	0	0	0	0	0	0	0	0	0	0	15	21	41	0	77	0
08:52 AM	0	0	0	0	0	0	0	0	0	0	10	13	25	0	48	0
Grand Total	0	0	0	0	0	0	0	0	0	0	103	175	294	1	573	0
Approch %	0	0	0	0	0	0	0	0	0	0	18	30.5	51.3	0.2	0	0
Total %	0	0	0	0	0	0	0	0	0	0	18	30.5	51.3	0.2	100	0
Unshifted	0	0	0	0	0	0	0	0	0	0	103	175	294	1	573	0
% Unshifted	0	0	0	0	0	0	0	0	0	0	100	100	100	0	0	0
Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



* No LEFT TURNETS WERE COUNTED

City of Kettering

Engineering Dept.
3600 Shroyer Road
Kettering, Ohio 45429
937.296.2436

www.ketteringoh.org

Default Comments
Change These in The Preferences Window
Select File/Preference in the Main Screen
Then Click the Comments Tab

File Name : Dorothy & Shroyer Turn Count - Evening of 08 Dec 2015
Site Code : 82015002
Start Date : 12/08/2015
Page No : 1

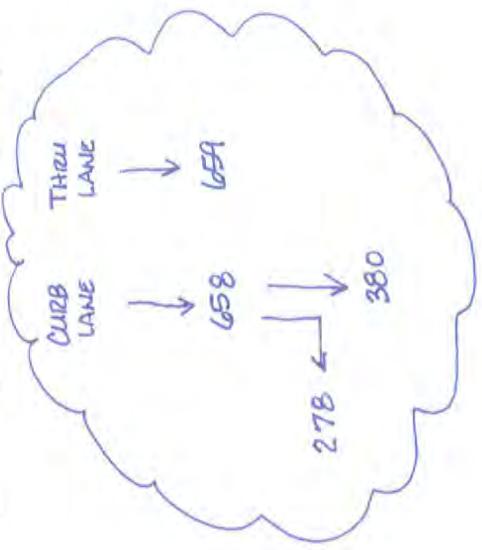
Groups Printed- Unshifted - Bank 1

Start Time	From North			From East			From South			From West		
	Right	Thru	Peds	Right	Thru	Peds	Right	Thru	Peds	App. Total	Right	Thru
03:57 PM	0	0	0	0	0	0	0	37	44	64	0	0
04:12 PM	0	0	0	0	0	0	0	34	37	75	0	0
04:27 PM	0	0	0	0	0	0	0	31	36	76	0	0
04:42 PM	0	0	0	0	0	0	0	31	48	81	0	0
04:57 PM	0	0	0	0	0	0	0	30	44	82	0	0
05:12 PM	0	0	0	0	0	0	0	32	50	85	0	0
05:27 PM	0	0	0	0	0	0	0	33	39	70	0	0
05:42 PM	0	0	0	0	0	0	0	33	63	88	0	0
05:57 PM	0	0	0	0	0	0	0	17	19	38	0	0
Grand Total	0	0	0	0	0	0	0	278	380	659	0	1317
Apprich %	0	0	0	0	0	0	0	21.1	28.9	50	0	0
Total %	0	0	0	0	0	0	0	21.1	28.9	50	0	0
Unshifted	0	0	0	0	0	0	0	278	380	659	0	1317
% Unshifted	0	0	0	0	0	0	0	100	100	0	0	0
Bank 1	0	0	0	0	0	0	0	0	0	0	0	100
% Bank 1	0	0	0	0	0	0	0	0	0	0	0	0

658 659
Curb Lane Thru Lane
TOTAL TOTAL

1039 NB total

* No LEFT TURNERS were counted



City of Kettering

Engineering Dept.
3600 Shroyer Road
Kettering, Ohio 45429
937.296.2436
www.ketteringoh.org

File Name : East & Shroyer - Morning Turn Count - 12-04-2015
Site Code : 00000008
Start Date : 12/04/2015
Page No : 1

City of Kettering

Engineering Dept.
3600 Shroyer Road
Kettering, Ohio 45429
937.296.2436
www.ketteringoh.org

File Name : East & Shroyer - Evening Turn Count - 12-02-2015
Site Code : 00000005
Start Date : 12/02/2015
Page No : 1

Start Time	From North						From East						From South						From West					
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total			
03:58 PM	1	0	2	0	3	1	1	1	0	3	1	0	0	4	4	0	2	0	0	6	16			
04:13 PM	0	0	1	0	1	0	0	0	1	1	0	0	4	5	11	1	2	0	0	14	21			
04:28 PM	3	0	5	0	8	0	0	1	0	1	3	0	2	0	5	6	0	1	0	7	21			
04:43 PM	2	0	1	0	3	1	1	0	0	2	4	0	5	0	9	7	0	0	0	7	21			
04:58 PM	4	0	1	0	5	0	0	0	0	0	8	0	6	0	14	7	0	1	0	8	27			
05:13 PM	4	0	0	0	4	2	0	0	0	2	3	0	6	0	9	7	0	3	0	10	25			
05:28 PM	3	0	2	0	5	2	0	1	0	2	6	0	4	0	10	9	0	0	0	9	26			
05:43 PM	0	0	0	0	0	1	1	1	0	3	0	4	0	7	3	0	2	0	0	5	15			
Grand Total	17	0	12	0	29	8	3	0	14	29	0	34	0	63	54	1	11	0	0	66	172			
Approch %	58.6	0	41.4	0	57.1	21.4	21.4	0	46	0	54	0	81.8	1.5	16.7	0	0	0	0	0	0			
Total %	9.9	0	7	0	16.9	4.7	1.7	0	8.1	16.9	0	19.8	0	36.6	0.6	6.4	0	0	0	0	38.4			

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Claranna
City of Oakwood

File Name : Not Named 7
Site Code : 00000000
Start Date : 12/16/2015
Page No : 1

		Groups Printed- Unshifted - Bank 1						CLAR From West								
		CLASHK From North			CLAR From East			CLASHK From South			CLAR From South			CLAR From West		
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:15 AM	0	111	0	2	113	0	0	1	1	0	91	1	0	2	0	3
07:30 AM	0	225	0	0	225	0	0	0	0	0	161	2	0	0	0	2
07:45 AM	3	210	0	0	213	0	0	0	0	0	207	3	1	0	1	2
Total	3	546	0	2	551	0	0	1	1	0	458	5	1	464	4	7
08:00 AM	0	120	16	0	136	0	0	0	0	0	140	1	0	0	1	1
08:15 AM	0	151	0	0	151	0	0	0	0	0	128	2	1	0	0	4
08:30 AM	0	134	0	0	134	0	0	0	0	0	115	0	0	1	0	6
*** BREAK ***	Total	0	405	16	0	421	0	0	0	0	383	3	1	387	9	11
*** BREAK ***														0	0	
04:00 PM	4	163	0	1	168	0	0	0	0	0	166	5	0	171	5	0
04:15 PM	1	158	0	1	160	0	0	0	0	0	175	2	0	177	6	0
04:30 PM	2	191	0	2	195	0	0	0	0	0	158	1	0	159	8	0
04:45 PM	2	214	0	0	216	0	0	0	0	0	176	5	0	181	4	0
Total	9	726	0	4	739	0	0	0	0	0	675	13	0	688	23	0
05:00 PM	3	214	0	3	220	0	0	0	0	0	187	2	1	190	6	0
05:15 PM	3	214	0	6	223	0	0	0	0	0	209	3	0	212	7	0
05:30 PM	4	200	0	0	204	0	0	0	0	0	186	5	0	191	2	0
05:45 PM	4	191	0	3	198	0	0	0	0	0	204	4	2	210	6	0
Total	14	819	0	12	845	0	0	0	0	0	786	14	3	803	21	0
Grand Total	26	2496	16	18	2556	0	0	1	1	0	2302	35	5	2342	57	0
Approch %	1	97.7	0.6	0.7	0	0	0	100	0	0	98.3	1.5	0.2	71.2	0	28.8
Total %	0.5	50.1	0.3	0.4	51.3	0	0	0	0	0	46.2	0.7	0.1	47	1.1	0.5
Unshifted %	26	2481	16	18	2541	0	0	1	1	0	2291	35	5	2331	57	0
% Unshifted	100	99.4	100	100	99.4	0	0	100	100	0	99.5	100	0	100	0	0
Bank 1	0	15	0	0	15	0	0	0	0	0	11	0	0	11	0	0
% Bank 1	0	0.6	0	0	0.6	0	0	0	0	0	0.5	0	0	0.5	0	0.5
														0	0	0

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Broad
City of Oakwood

File Name : Not Named 8
Site Code : 00000000
Start Date : 2/18/2016
Page No : 1

Start Time	SHR										SHR										
	From North					From East					From South					From West					
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:15 AM	0	122	1	0	123	4	1	2	0	7	1	107	0	0	108	0	0	0	0	0	
07:30 AM	0	204	1	1	206	2	0	5	0	7	0	148	0	2	150	0	0	0	0	0	
07:45 AM	0	197	0	0	197	3	0	1	0	4	3	193	0	0	196	0	0	0	0	0	
Total	0	523	2	1	526	9	1	8	0	18	4	448	0	2	454	0	0	0	0	0	
08:00 AM	0	136	2	0	138	3	0	2	0	5	0	108	0	0	108	0	0	0	0	0	
08:15 AM	0	134	0	0	134	4	0	2	0	6	1	144	1	0	146	2	0	0	0	2	
08:30 AM	0	117	0	0	117	1	0	1	0	2	1	114	0	0	115	0	0	0	0	0	
*** BREAK ***	Total	0	387	2	0	389	8	0	5	0	13	2	366	1	0	369	2	0	0	0	2
	*** BREAK ***																			773	
04:00 PM	0	139	0	0	139	1	0	0	0	1	1	153	0	1	156	0	0	0	0	0	
04:15 PM	0	145	7	0	152	2	0	1	1	4	1	160	0	0	161	0	0	0	0	0	
04:30 PM	0	151	1	0	152	1	0	0	0	1	4	137	0	0	141	0	0	0	0	0	
04:45 PM	0	216	5	0	221	2	0	2	1	5	2	163	0	0	165	0	0	0	0	0	
Total	0	651	13	0	664	6	0	3	2	11	9	613	0	1	623	0	0	0	0	0	
05:00 PM	1	192	6	0	199	2	0	1	0	3	2	229	0	1	232	0	0	0	0	0	
05:15 PM	0	193	8	0	201	4	0	1	1	6	5	165	0	0	170	0	0	0	0	0	
05:30 PM	0	190	4	0	194	2	0	1	0	3	4	208	0	0	212	0	0	0	0	0	
05:45 PM	0	213	3	0	216	2	0	1	0	3	6	184	0	0	190	0	0	0	0	0	
Total	1	788	21	0	810	10	0	4	1	15	17	786	0	1	804	0	0	0	0	0	
Grand Total	1	2349	38	1	2389	33	1	20	3	57	32	2213	1	4	2250	2	0	0	0	2	
Approch %	0	98.3	1.6	0	57.9	1.8	35.1	5.3	0.1	1.2	0.7	47.1	0	0.1	47.9	0	0	0	0	0	
Total %	0	50	0.8	0	50.9	0.7	0	0.4	0.1												
Unshifted	1	2337	36	1	2375	32	1	19	3	55	32	2201	1	4	2238	2	0	0	0	2	
% Unshifted	100	99.5	94.7	100	99.4	97	100	95	100	96.5	100	99.5	100	100	99.5	100	0	0	100	99.4	
Bank 1	0	12	2	0	14	1	0	1	0	2	0	12	0	0.5	12	0	0	0	0	28	
% Bank 1	0	0.5	5.3	0	0.6	3	0	5	0	3.5	0	0.5	0	0.5	0.5	0	0	0	0	0	

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Wonderly City of Oakwood

File Name : Not Named 2
Site Code : 00000000
Start Date : 12/10/2015
Page No : 1

Start Time	Groups Printed- Unshifted - Bank 1												WOND From West					
	SHR From North						SHR From South						WOND From West					
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total		
07:45 AM	1	122	0	1	124	0	0	0	0	0	117	0	1	118	1	0	2	
Total	1	122	0	1	124	0	0	0	0	0	117	0	1	118	1	0	244	
08:00 AM	2	207	1	0	210	0	0	0	0	0	165	0	0	193	3	0	4	
08:15 AM	2	158	0	0	160	0	0	0	0	0	190	3	0	156	2	0	3	
08:30 AM	0	126	0	1	127	0	0	0	0	0	155	1	0	128	3	0	4	
08:45 AM	1	123	0	0	124	0	0	0	0	0	127	1	0	642	11	0	4	
Total	5	614	1	1	621	0	0	0	0	0	637	5	0	642	11	0	15	
09:00 AM	2	129	0	1	132	0	0	0	0	0	139	4	0	143	1	0	276	
*** BREAK ***	Total	2	129	0	1	132	0	0	0	0	139	4	0	143	1	0	1	
04:30 PM	0	182	0	1	183	0	0	0	0	0	164	4	1	170	1	0	2	
04:45 PM	3	161	0	0	164	0	0	0	0	0	183	3	1	187	1	0	1	
Total	3	343	0	1	347	0	0	0	0	0	347	7	2	357	2	0	4	
05:00 PM	1	176	0	0	177	0	0	0	0	0	160	2	0	162	3	0	356	
05:15 PM	1	204	0	0	205	0	0	0	0	0	163	3	0	166	0	0	352	
05:30 PM	2	209	0	0	211	0	0	0	0	0	200	3	0	203	3	0	708	
05:45 PM	1	245	0	0	246	0	0	0	0	0	186	2	0	188	6	0	420	
Total	5	834	0	0	839	0	0	0	0	0	709	10	0	719	12	0	741	
06:00 PM	1	188	0	1	190	0	0	0	0	0	179	5	1	185	5	0	4	
06:15 PM	1	175	0	0	176	0	0	0	0	0	213	1	1	215	0	0	343	
Grand Total	18	2405	1	5	2429	0	0	0	0	0	2341	32	5	2379	32	0	372	
Apprich %	0.7	99	0	0.2	0	0	0	0	0	98.4	1.3	0.2	69.6	0	30.4	0	4854	
Total %	0.4	49.5	0	0.1	50	0	0	0	0	48.2	0.7	0.1	49	0.7	0.3	0	46	
Unshifted	18	2394	1	5	2418	0	0	0	0	1	2330	32	5	2368	32	0	46	
% Unshifted	100	99.5	100	100	99.5	0	0	0	0	100	99.5	100	100	99.5	100	0	4832	
Bank 1	0	11	0	0	11	0	0	0	0	11	0	0	11	0	0	0	22	
% Bank 1	0	0.5	0	0	0.5	0	0	0	0	0.5	0	0	0.5	0	0	0	0.5	

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Orchard City of Oakwood

File Name : Not Named 3
Site Code : 00000000
Start Date : 2/3/2016
Page No : 1

Start Time	SHR										ORCH									
	From North					From East					From South					From West				
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total
07:15 AM	0	114	0	0	114	1	0	1	0	2	2	134	1	0	137	3	0	1	1	5
07:30 AM	0	197	2	0	199	2	0	2	0	4	3	144	1	0	148	5	0	4	0	9
07:45 AM	1	187	0	0	188	3	0	2	0	5	2	186	0	0	188	2	0	2	1	5
Total	1	498	2	0	501	6	0	5	0	11	7	464	2	0	473	10	0	7	2	19
08:00 AM	2	158	0	0	160	2	0	5	0	7	3	125	1	2	131	4	0	0	0	4
08:15 AM	0	118	0	0	118	1	0	0	0	1	2	134	0	0	136	1	0	2	0	3
08:30 AM	1	143	1	0	145	6	0	0	0	6	0	132	0	0	132	2	0	0	1	3
*** BREAK ***																				
Total	3	419	1	0	423	9	0	5	0	14	5	391	1	2	399	7	0	2	1	10
*** BREAK ***																				
04:00 PM	1	142	0	0	143	3	0	0	0	0	3	156	3	0	162	0	0	4	0	4
04:15 PM	2	171	2	0	175	1	0	0	0	1	3	148	5	1	157	3	0	2	0	5
04:30 PM	3	158	1	0	162	2	0	0	0	2	5	155	2	0	162	2	1	0	0	3
04:45 PM	1	200	1	3	205	1	0	1	0	2	3	164	1	4	172	5	0	1	1	7
Total	7	671	4	3	685	7	0	1	0	8	14	623	11	5	653	10	1	7	1	19
05:00 PM	4	178	6	1	189	0	0	0	0	0	5	188	3	2	198	2	0	0	0	2
05:15 PM	8	215	7	0	230	4	0	1	0	5	5	163	2	1	171	3	0	2	0	5
05:30 PM	10	201	3	4	218	2	0	2	0	4	5	173	2	1	181	5	1	0	0	6
05:45 PM	2	171	1	1	175	1	0	1	0	2	4	179	6	0	189	3	0	1	0	4
Total	24	765	17	6	812	7	0	4	0	11	19	703	13	4	739	13	1	3	0	17
Grand Total	35	2353	24	9	2421	29	0	15	0	44	45	2181	27	11	2264	40	2	19	4	65
Approch %	1.4	97.2	1	0.4	65.9	0	34.1	0	0	0.9	2	96.3	1.2	0.5	61.5	3.1	29.2	6.2	0.1	4794
Total %	0.7	49.1	0.5	0.2	50.5	0.6	0	0.3	0	0.9	0.9	45.5	0.6	0.2	47.2	0.8	0	0.4	0.1	1.4
Unshifted	35	2343	24	9	2411	29	0	15	0	44	45	2171	26	11	2253	40	2	19	4	65
% Unshifted	100	99.6	100	100	99.6	100	0	100	0	100	100	99.5	96.3	100	99.5	100	100	100	100	4773
Bank 1	0	10	0	0	10	0	0	0	0	0	0	0	0	1	0	11	0	0	0	21
% Bank 1	0	0.4	0	0	0.4	0	0	0.4	0	0	0	0	0	0.5	0.5	0	0	0	0	0.4

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Triangle City of Oakwood

File Name : Not Named 1
Site Code : 00000000
Start Date : 1/27/2016
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	SHROY From North						SHROY From South						TRIANGLE From West							
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total
07:15 AM	1	111	0	0	112	0	0	0	0	113	0	1	114	3	0	0	0	0	3	229
07:30 AM	0	205	0	1	206	0	0	0	0	158	0	0	158	3	0	4	0	0	7	371
07:45 AM	1	186	0	0	187	0	0	0	0	212	0	0	212	4	0	2	0	0	6	405
Total	2	502	0	1	505	0	0	0	0	483	0	1	484	10	0	6	0	0	16	1005
08:00 AM	0	148	0	0	148	0	0	0	0	0	0	0	125	1	0	0	0	1	0	275
08:15 AM	1	129	0	1	131	0	0	0	0	144	0	1	145	2	0	0	0	0	2	278
08:30 AM	0	128	0	0	128	0	0	0	0	126	2	0	128	3	0	1	0	0	4	260
*** BREAK ***																				
Total	1	405	0	1	407	0	0	0	0	395	3	1	399	5	0	2	0	0	7	813
*** BREAK ***																				
04:00 PM	1	149	0	1	151	0	0	0	1	167	3	0	170	0	0	0	0	0	0	322
04:15 PM	0	148	0	0	148	0	0	0	0	155	2	0	157	4	0	0	0	1	5	310
04:30 PM	1	169	0	0	170	0	0	0	0	158	2	0	160	2	0	2	0	0	4	334
04:45 PM	4	195	0	1	200	0	0	0	0	191	4	0	195	1	0	1	0	0	2	397
Total	6	661	0	2	669	0	0	0	1	671	11	0	682	7	0	3	1	1	11	1363
05:00 PM	4	226	0	1	231	0	0	0	0	196	2	0	198	4	0	2	0	0	6	435
05:15 PM	3	215	0	0	218	0	0	0	0	182	4	0	186	0	0	1	0	0	1	405
05:30 PM	0	197	0	0	197	0	0	0	0	204	1	0	205	2	0	0	0	0	2	404
05:45 PM	3	155	0	0	158	0	0	0	0	164	3	0	167	1	0	2	0	0	3	328
Total	10	793	0	1	804	0	0	0	0	746	10	0	756	7	0	5	0	0	12	1572
Grand Total	19	2361	0	5	2385	0	0	0	1	0	2295	24	2	2321	29	0	16	1	46	4753
Approch %	0.8	99	0	0.2	0.1	50.2	0	0	0	100	1	0.1	98.9	1	0.6	63	0	34.8	2.2	
Total %	0.4	49.7	0	0.1	0.5	2370	0	0	0	0	48.3	0.5	0	48.8	0.6	0	0.3	0	1	
Unshifted	19	2346	0	5	2370	0	0	0	1	0	2288	24	2	2314	29	0	16	1	46	4731
% Unshifted	100	99.4	0	100	99.4	0	0	0	0	100	0	0	99.7	100	0	100	100	0	100	99.5
Bank 1	0	15	0	0	15	0	0	0	0	0	0	0	7	0	0	0	0	0	22	
% Bank 1	0	0.6	0	0	0.6	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0.5	

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Peach Orchard
City of Oakwood

File Name : Not Named 7
Site Code : 00000000
Start Date : 1/20/2016
Page No : 1

Start Time	SHR						SHR						PEA						
	From North			From East			From South			From South			From West						
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total			
07:15 AM	0	99	0	0	99	3	0	1	0	4	92	6	0	98	1	0	2		
07:30 AM	2	116	0	0	118	3	0	3	0	6	112	0	0	118	1	0	2		
07:45 AM	1	109	0	0	110	6	0	0	0	6	141	0	0	141	1	0	1		
Total	3	324	0	0	327	12	0	4	0	16	345	6	0	357	3	0	5		
08:00 AM	2	111	0	0	113	2	1	2	0	5	1	114	0	0	115	3	0	4	
08:15 AM	0	114	0	0	114	0	0	0	0	1	126	0	0	127	0	0	0		
08:30 AM	1	109	2	0	112	4	0	2	0	6	117	0	0	119	2	0	2		
*** BREAK ***																	239		
Total	3	334	2	0	339	6	1	4	0	11	4	357	0	0	361	5	0	6	
*** BREAK ***																		717	
04:00 PM	2	126	1	0	129	3	0	1	1	5	140	0	0	143	3	0	3		
04:15 PM	2	141	4	0	147	3	0	1	0	4	163	1	0	168	5	0	7		
04:30 PM	2	141	4	0	147	2	1	0	0	3	144	0	0	145	1	1	326		
04:45 PM	1	193	3	0	197	0	1	0	0	1	148	1	0	149	2	0	298		
Total	7	601	12	0	620	8	2	2	1	13	595	2	0	605	11	1	6		
05:00 PM	2	188	5	0	195	2	0	1	0	3	164	0	0	165	2	0	353		
05:15 PM	1	207	3	0	211	4	0	0	0	4	171	0	0	172	4	1	374		
05:30 PM	3	189	4	0	196	6	0	0	0	6	160	0	0	164	6	1	354		
05:45 PM	1	171	3	0	175	2	0	1	0	3	167	0	0	170	3	1	367		
Total	7	755	15	0	777	14	0	2	0	16	9	662	0	0	671	15	3	392	
Grand Total	20	2014	29	0	2063	40	3	12	1	56	27	1959	8	0	1994	34	4	4166	
Approch %	1	97.6	1.4	0	71.4	5.4	21.4	1.8	0.1	0.3	0.6	1.4	98.2	0.4	0	64.2	7.5	0	4149
Total %	0.5	48.3	0.7	0	49.5	1	0.1	0.3	0	1.3	0.6	0.47	0.2	0	47.9	0.8	0.4	53	
Unshifted	20	2005	29	0	2054	39	3	12	1	55	27	1952	8	0	1987	34	4	49.6	
% Unshifted	100	99.6	100	0	99.6	97.5	100	100	100	100	99.6	100	0	99.6	100	0	100	0.4	
Bank 1	0	9	0	0	9	1	0	0	0	1	0	7	0	0	0	0	0	17	
% Bank 1	0	0.4	0	0	0.4	2.5	0	0	0	1.8	0	0.4	0	0	0	0	0	0.4	

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Monterey
City of Oakwood

File Name : Not Named 4
Site Code : 00000000
Start Date : 2/4/2016
Page No : 1

Start Time	SHR						MON						MON					
	From North			From East			From South			From South			From West					
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total		
07:15 AM	0	121	1	0	122	1	0	3	0	4	0	122	0	1	0	0	1	
07:30 AM	0	179	0	0	179	5	0	4	0	9	1	171	0	0	0	0	1	
07:45 AM	0	165	0	1	166	0	0	2	0	2	2	197	0	0	0	0	1	
Total	0	465	1	1	467	6	0	9	0	15	3	490	0	0	493	2	978	
08:00 AM	0	129	0	0	129	0	0	6	0	6	0	148	1	0	149	0	249	
08:15 AM	0	125	0	0	125	0	0	0	0	0	142	1	0	143	2	361		
08:30 AM	0	120	0	0	120	0	0	0	0	0	128	0	0	128	4	368		
*** BREAK ***																		
Total	0	374	0	0	374	0	0	6	0	6	0	418	2	0	420	6	810	
*** BREAK ***																		
04:00 PM	3	159	0	1	163	0	0	0	0	0	1	111	0	2	114	2	279	
04:15 PM	3	141	1	0	145	0	0	3	0	3	1	162	2	0	165	2	315	
04:30 PM	1	149	1	1	152	0	0	1	0	1	2	164	1	0	167	1	321	
04:45 PM	4	198	2	0	204	1	0	0	0	1	8	163	2	0	173	0	379	
Total	11	647	4	2	664	1	0	4	0	5	12	600	5	2	619	5	1294	
05:00 PM	2	210	0	0	212	0	0	0	0	0	3	169	2	0	174	4	390	
05:15 PM	4	243	1	0	248	2	0	1	0	3	2	179	0	0	181	1	434	
05:30 PM	2	176	0	0	178	0	0	1	0	1	4	173	1	1	179	2	362	
05:45 PM	3	165	0	0	168	2	0	2	1	5	4	182	3	0	189	0	363	
Total	11	794	1	0	806	4	0	4	1	9	13	703	6	1	723	7	1549	
Grand Total	22	2280	6	3	2311	11	0	23	1	35	28	2211	13	3	2255	20	4631	
Approch %	1	98.7	0.3	0.1	31.4	0.2	0	65.7	2.9	0.8	1.2	98	0.6	0.1	66.7	6.7		
Total %	0.5	49.2	0.1	0.1	49.9	0.2	0	0.5	0	0.8	0.6	47.7	0.3	0.1	48.7	0.4		
Unshifted	22	2268	6	3	2299	11	0	23	1	35	27	2198	13	3	2241	20	4605	
% Unshifted	100	99.5	100	100	99.5	100	0	100	0	100	96.4	99.4	100	100	100	100	99.4	
Bank 1	0	12	0	0	12	0	0	0	0	0	1	13	0	0	14	0	26	
% Bank 1	0	0.5	0	0	0.5	0	0	0	0	0	3.6	0.6	0	0	0	0	0.6	

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Hadley City of Oakwood

File Name : Not Named 5
Site Code : 00000000
Start Date : 2/9/2016
Page No : 1

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Corona
City of Oakwood

File Name : Not Named 6
Site Code : 00000000
Start Date : 2/10/2016
Page No : 1

Start Time	CORONA From North						CORONA From South						A From West								
	A From East			A From South			CORONA From South			CORONA From South			A From West			A From West					
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:30 AM	1	138	0	0	139	2	1	6	0	9	1	152	0	0	153	1	0	3	0	4	
07:45 AM	0	157	1	0	158	3	0	4	0	7	1	166	0	0	167	3	0	3	0	6	
Total	1	295	1	0	297	5	1	10	0	16	2	318	0	0	320	4	0	6	0	10	
08:00 AM	0	119	1	0	120	2	0	2	0	4	0	179	0	0	179	5	0	3	0	8	
08:15 AM	0	123	0	0	123	2	0	3	0	5	1	144	0	0	145	2	0	2	0	4	
08:30 AM	0	114	0	0	114	1	0	3	0	4	2	123	0	0	125	4	0	3	0	7	
*** BREAK ***	Total	0	356	1	0	357	5	0	8	0	13	3	446	0	0	449	11	0	8	0	19
*** BREAK ***																				838	
04:00 PM	1	146	1	0	148	2	0	0	0	2	4	139	2	0	145	1	0	1	0	2	
04:15 PM	3	143	1	0	147	0	0	3	0	3	2	135	4	0	141	3	0	4	0	297	
04:30 PM	0	156	0	0	156	1	0	1	0	1	2	169	0	0	173	7	0	1	0	298	
04:45 PM	3	152	0	0	155	0	0	1	0	1	3	146	3	0	152	2	1	1	0	339	
Total	7	597	2	0	606	3	0	5	0	8	13	589	9	0	611	13	1	7	0	21	
05:00 PM	1	180	4	0	185	1	0	0	0	1	3	149	6	0	158	1	0	0	0	1	
05:15 PM	6	230	3	0	239	4	0	2	0	6	2	144	3	0	149	2	1	0	0	345	
05:30 PM	1	203	4	0	208	0	0	2	0	2	2	180	1	0	183	2	0	0	0	397	
Grand Total	16	1861	15	0	1892	18	1	27	0	46	25	1826	19	0	1870	33	2	21	0	2	
Approch %	0.8	98.4	0.8	0	39.1	2.2	58.7	0	1.3	97.6	1	0	58.9	3.6	0	37.5	0	0	0	56	
Total %	0.4	48.2	0.4	0	49	0.5	0	0.7	0	1.2	0.6	47.3	0.5	0	48.4	0.9	0.1	0.5	0	1.4	
Unshifted	16	1849	15	0	1880	18	1	27	0	46	25	1817	19	0	1861	33	2	21	0	56	
% Unshifted	100	99.4	100	0	99.4	100	100	100	0	100	100	99.5	100	0	99.5	100	100	100	0	3843	
Bank 1	0	12	0	0	12	0	0	0	0	0	0	9	0	0	9	0	0	0	0	21	
% Bank 1	0	0.6	0	0	0.6	0	0	0	0	0	0	0.5	0	0	0.5	0	0	0	0	0.5	

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Wilts
City of Oakwood

File Name : Not Named 7
Site Code : 00000000
Start Date : 2/11/2016
Page No : 1

		Groups Printed- Unshifted - Bank 1																				
		S From North						WILT From East						S From South						WILT From West		
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total	
07:15AM	0	109	0	0	109	3	0	7	0	10	4	133	3	1	141	2	0	1	0	3	263	
07:30AM	1	132	0	0	133	2	0	8	0	10	1	156	0	0	157	3	0	2	0	5	305	
07:45AM	1	165	0	0	166	4	2	1	0	7	5	225	0	0	230	3	0	1	0	4	407	
Total	2	406	0	0	408	9	2	16	0	27	10	514	3	1	528	8	0	4	0	12	975	
08:00AM	0	124	0	0	124	1	0	7	0	8	4	155	0	0	159	2	0	1	0	3	294	
08:15AM	0	109	1	0	110	4	1	4	0	9	1	157	0	0	158	2	0	1	0	3	280	
08:30AM	0	116	0	0	116	0	1	6	0	7	3	125	0	0	128	4	0	2	0	6	257	
*** BREAK ***	Total	0	349	1	0	350	5	2	17	0	24	8	437	0	0	445	8	0	4	0	12	831
*** BREAK ***																						
04:00PM	0	144	2	0	146	1	0	2	0	3	4	137	2	1	144	1	1	1	0	3	296	
04:15PM	1	147	3	0	151	2	0	4	1	7	7	134	1	0	142	1	0	0	0	1	301	
04:30PM	2	147	2	0	151	1	0	2	0	3	4	146	3	0	153	4	0	2	0	6	313	
04:45PM	2	195	2	0	199	3	0	2	1	6	7	134	4	0	145	0	0	0	0	0	350	
Total	5	633	9	0	647	7	0	10	2	19	22	551	10	1	584	6	1	3	0	10	1260	
05:00PM	3	204	4	2	213	2	0	1	2	5	6	162	3	0	171	3	0	1	1	5	394	
05:15PM	4	233	2	0	239	2	0	3	0	5	5	148	4	0	157	3	0	2	1	6	407	
05:30PM	1	210	3	0	214	2	0	2	0	4	7	174	1	0	182	1	0	0	0	1	401	
05:45PM	2	171	0	0	173	2	0	2	0	4	7	160	2	0	169	4	1	0	0	5	351	
Total	10	818	9	2	839	8	0	8	2	18	25	644	10	0	679	11	1	3	2	17	1553	
Grand Total	17	2206	19	2	2244	29	4	51	4	88	65	2146	23	2	2236	33	2	14	2	51	4619	
Approch %	0.8	98.3	0.8	0.1	4.5	58	4.5	0.1	1.1	0.1	2.9	96	1	0.1	64.7	3.9	27.5	3.9	51	4619		
Total %	0.4	47.8	0.4	0	48.6	0.6	0.1	1.1	0.1	1.9	1.4	46.5	0.5	0	48.4	0.7	0	0.3	0	1.1	4619	
Unshifted	17	2195	19	2	2233	29	4	48	4	85	64	2137	23	2	2226	33	2	14	2	51	4595	
% Unshifted	100	99.5	100	100	99.5	100	100	94.1	100	96.6	98.5	99.6	100	100	99.6	100	100	100	100	99.5		
Bank 1	0	11	0	0	11	0	0	3	0	3	1	9	0	0	10	0	0	0	0	24		
% Bank 1	0	0.5	0	0	0.5	0	0	0.5	0	0.5	0	3.4	1.5	0.4	0	0	0.4	0	0	0.5		

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Telford
City of Oakwood

File Name : Not Named 4
Site Code : 00000000
Start Date : 12/15/2015
Page No : 1

Groups Printed- Unshifted - Bank 1												TEL From West						
Start Time	SHR From North						SHR From South						TEL From West					
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total		
07:15 AM	0	119	0	0	119	2	0	2	0	4	1	143	1	0	145	0		
07:30 AM	1	169	0	3	173	2	0	1	0	3	1	176	1	1	0	1		
07:45 AM	2	151	1	0	154	0	1	0	0	1	10	181	0	1	179	2		
Total	3	439	1	3	446	4	1	3	0	8	12	500	2	2	192	3		
08:00 AM	1	107	1	0	109	2	0	1	0	3	1	165	2	0	168	1		
08:15 AM	0	111	0	0	111	3	0	1	0	4	1	140	0	0	141	3		
08:30 AM	1	117	0	0	118	0	0	2	0	2	1	126	1	0	128	1		
*** BREAK ***																		
Total	2	335	1	0	338	5	0	4	0	9	3	431	3	0	437	5		
															0	2		
															0	7		
																791		
*** BREAK ***																		
04:00 PM	0	170	2	0	172	0	0	0	0	0	0	152	1	0	153	2		
04:15 PM	3	149	1	0	153	0	0	0	0	0	0	141	1	0	142	4		
04:30 PM	3	169	0	3	175	1	0	0	0	1	2	175	5	0	182	4		
04:45 PM	3	213	1	0	217	0	0	1	1	2	0	157	2	0	159	2		
Total	9	701	4	3	717	1	0	1	1	3	2	625	9	0	636	12		
05:00 PM	3	214	2	1	220	0	0	0	3	3	170	2	0	175	2			
05:15 PM	4	229	1	0	234	1	0	0	1	2	1	174	5	1	181	3		
05:30 PM	2	206	3	0	211	1	1	0	3	2	1	158	6	0	166	1		
05:45 PM	2	176	2	0	180	1	0	0	1	0	0	142	4	0	146	2		
Total	11	825	8	1	845	3	1	1	4	9	6	644	17	1	668	8		
Grand Total	25	2300	14	7	2346	13	2	9	5	29	23	2200	31	3	2257	30		
Approch %	1.1	98	0.6	0.3	44.8	6.9	3.1	17.2	0.1	0.6	1	97.5	1.4	0.1	65.2	2.2		
Total %	0.5	49.2	0.3	0.1	50.1	0.3	0	0.2	0.1	0.6	0.5	47	0.7	0.1	48.2	0.6		
Unshifted	25	2289	14	7	2335	13	2	9	5	29	23	2196	31	3	2253	30		
% Unshifted	100	99.5	100	100	99.5	100	100	100	100	100	100	99.8	100	100	100	100		
Bank 1	0	11	0	0	11	0	0	0	0	0	0	4	0	0	0	0		
% Bank 1	0	0.5	0	0	0.5	0	0	0	0	0	0	0.2	0	0	0	0.3		

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Aberdeen
City of Oakwood

File Name : Not Named 9
Site Code : 00000000
Start Date : 1/26/2016
Page No : 1

Start Time	SHROY From North						AABER From East						SHROY From South						AABER From West					
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total			
07:15 AM	0	97	0	0	97	0	0	0	1	1	0	132	0	0	0	2	0	0	0	0	0	2		
07:30 AM	2	170	1	0	173	1	0	0	0	1	0	173	1	0	0	4	0	0	0	0	0	4		
07:45 AM	2	143	0	0	145	1	0	0	0	1	1	237	0	1	0	1	0	0	1	0	0	1		
Total	4	410	1	0	415	2	0	0	1	3	1	542	1	1	545	6	0	1	0	0	7	970		
08:00 AM	0	107	1	0	108	3	0	2	0	5	0	170	1	0	171	0	0	0	0	0	0	284		
08:15 AM	0	119	0	0	119	1	0	1	0	2	0	149	0	1	150	3	0	3	0	0	6	277		
08:30 AM	0	87	0	0	87	1	0	1	0	2	0	118	1	1	120	2	0	2	0	0	4	213		
*** BREAK ***																								
Total	0	313	1	0	314	5	0	4	0	9	0	437	2	2	441	5	0	5	0	10	774			
*** BREAK ***																								
04:00 PM	1	159	1	2	163	2	0	0	0	0	2	0	127	0	0	127	0	0	1	0	0	1	293	
04:15 PM	2	162	3	0	167	4	0	0	0	4	1	127	2	3	133	2	0	0	1	0	0	3	307	
04:30 PM	2	154	0	0	156	2	0	0	0	2	0	145	0	0	145	2	0	0	0	0	0	2	305	
04:45 PM	1	177	1	0	179	1	0	1	0	2	0	152	3	0	155	4	0	0	0	0	0	4	340	
Total	6	652	5	2	665	9	0	1	0	10	1	551	5	3	560	8	0	2	0	0	10	1245		
05:00 PM	1	199	4	2	206	1	0	1	0	2	1	162	0	1	164	2	0	0	0	0	0	2	374	
05:15 PM	3	218	1	0	222	0	0	3	0	3	2	152	5	0	159	2	0	1	0	0	3	387		
05:30 PM	0	218	1	0	219	2	0	0	0	2	0	142	4	3	149	2	0	0	0	0	2	372		
05:45 PM	1	167	1	1	170	0	0	1	0	1	2	166	1	0	169	2	0	0	0	1	3	343		
Total	5	802	7	3	817	3	0	5	0	8	5	622	10	4	641	8	0	1	1	1	10	1476		
Grand Total	15	2177	14	5	2211	19	0	10	1	30	7	2152	18	10	2187	27	0	9	1	1	37	4465		
Approch %	0.7	98.5	0.6	0.2	63.3	0	33.3	3.3	0.2	0	0.7	0.3	98.4	0.8	0.5	73	0	24.3	2.7	0	0.8			
Total %	0.3	48.8	0.3	0.1	49.5	0.4	0	0.2	0	0.7	0.2	48.2	0.4	0.2	49	0.6	0	0.2	0	0	37	4452		
Unshifted %	14	2171	14	5	2204	19	0	10	1	30	7	2146	18	10	2181	27	0	9	1	1	37	4452		
% Unshifted	93.3	99.7	100	100	99.7	100	0	100	0	100	0	99.7	100	100	99.7	100	0	100	100	100	100	99.7		
Bank 1	1	6	0	0	7	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	13			
% Bank 1	6.7	0.3	0	0	0.3	0	0	0	0	0	0	0.3	0	0	0.3	0	0	0	0	0	0.3			

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Forrer City of Oakwood

File Name : Not Named 6
Site Code : 00000000
Start Date : 2/16/2016
Page No : 1

Start Time	SHROYER From North				FORRER From East				SHROYER From South				FORRER From West				
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total	
07:15 AM	0	90	0	0	90	1	0	1	0	2	3	136	1	0	3	0	
07:30 AM	0	162	0	0	162	3	0	4	0	7	1	171	0	0	0	4	
07:45 AM	1	124	1	0	126	1	0	4	0	5	3	217	1	0	1	2	
Total	1	376	1	0	378	5	0	9	0	14	7	524	2	0	533	4	
08:00 AM	1	104	1	0	106	0	0	2	0	2	0	145	1	0	146	0	
08:15 AM	1	100	1	1	103	0	0	0	0	1	149	2	0	152	1	0	
08:30 AM	0	81	1	1	83	2	0	1	0	3	0	125	5	0	130	1	
*** BREAK ***																	
Total	2	285	3	2	292	2	0	3	0	5	1	419	8	0	428	2	
*** BREAK ***																	
04:00 PM	2	139	3	1	145	2	0	0	0	2	1	133	4	0	139	2	
04:15 PM	1	144	3	0	148	0	1	0	1	1	159	0	1	161	0	0	
04:30 PM	0	133	0	0	133	7	0	4	0	11	1	144	4	0	149	1	
04:45 PM	1	171	1	0	173	1	0	4	0	5	0	138	0	0	138	2	
Total	4	587	7	1	599	10	0	9	0	19	4	574	8	1	587	5	
05:00 PM	1	212	2	0	215	3	0	1	0	4	1	152	0	2	155	1	
05:15 PM	1	209	3	1	214	1	1	3	0	5	0	145	2	0	147	2	
05:30 PM	3	194	0	0	197	5	0	3	0	8	3	139	5	1	148	3	
05:45 PM	1	175	1	0	177	1	0	3	0	4	1	138	2	1	142	1	
Total	6	790	6	1	803	10	1	10	0	21	5	574	9	4	592	7	
Grand Total	13	2038	17	4	2072	27	1	31	0	59	17	2091	27	5	2140	18	
Approch %	0.6	98.4	0.8	0.2	45.8	1.7	52.5	0	0.7	0	0.4	0.8	97.7	1.3	0.2	58.1	0
Total %	0.3	47.4	0.4	0.1	48.2	0.6	0	0.7	0	1.4	0.4	48.6	0.6	0.1	49.7	0.4	
Unshifted	13	2024	17	4	2058	27	1	30	0	58	17	2079	27	5	2128	18	
% Unshifted	100	99.3	100	100	99.3	100	100	96.8	0	98.3	100	99.4	100	100	99.4	100	
Bank 1	0	14	0	0	14	0	0	1	0	1	0	12	0	0.6	0	27	
% Bank 1	0	0.7	0	0	0.7	0	0	3.2	0	1.7	0	0	0	0	0	0.6	

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Lonsdale
Cit of Oakwood

File Name : Not Named 7
Site Code : 00000000
Start Date : 2/17/2016
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	SHR From North					LONSDALE From East					SHR From South					LONSDALE From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:15 AM	0	85	1	0	86	1	0	1	0	2	1	109	1	1	112	2	0	2	0	4	204
07:30 AM	0	135	0	0	135	0	0	0	0	0	0	146	0	0	146	1	0	3	0	4	285
07:45 AM	0	130	0	0	130	0	0	1	0	1	1	220	1	0	222	1	0	2	0	3	356
Total	0	350	1	0	351	1	0	2	0	3	2	475	2	1	480	4	0	7	0	11	845
08:00 AM	0	89	0	0	89	0	0	0	0	0	0	148	0	0	148	5	0	2	0	7	244
08:15 AM	0	102	0	1	103	0	0	0	1	1	0	142	2	0	144	1	0	1	0	2	250
08:30 AM	1	98	1	0	100	0	0	0	1	1	0	129	3	0	132	2	0	0	0	2	235
*** BREAK ***																					
Total	1	289	1	1	292	0	0	0	2	2	0	419	5	0	424	8	0	3	0	11	729
*** BREAK ***																					
04:00 PM	0	140	1	0	141	0	0	0	0	0	1	134	0	1	136	4	0	3	0	7	284
04:15 PM	0	140	1	0	141	1	0	0	0	1	0	155	0	0	155	1	0	2	0	3	300
04:30 PM	1	137	0	3	141	0	0	0	0	0	0	158	4	2	164	1	1	0	2	4	309
04:45 PM	1	195	0	1	197	0	0	0	0	0	0	149	1	0	150	1	0	0	1	2	349
Total	2	612	2	4	620	1	0	0	0	1	1	596	5	3	605	7	1	5	3	16	1242
05:00 PM	2	181	0	0	183	0	0	1	0	1	0	135	4	0	139	2	0	1	0	3	326
05:15 PM	0	243	0	0	243	0	0	0	0	0	0	163	2	0	165	0	0	1	0	1	409
05:30 PM	2	183	0	1	186	0	0	0	0	0	0	163	1	0	164	1	0	2	0	3	353
05:45 PM	2	191	0	0	193	0	0	0	0	0	2	138	1	2	143	2	0	3	0	5	341
Total	6	798	0	1	805	0	0	1	0	1	2	599	8	2	611	5	0	7	0	12	1429
Grand Total	9	2049	4	6	2068	2	0	3	2	7	5	2089	20	6	2120	24	1	22	3	50	4245
Apprch %	0.4	99.1	0.2	0.3		28.6	0	42.9	28.6		0.2	98.5	0.9	0.3		48	2	44	6		
Total %	0.2	48.3	0.1	0.1	48.7	0	0	0.1	0	0.2	0.1	49.2	0.5	0.1	49.9	0.6	0	0.5	0.1	1.2	
Unshifted	9	2035	4	6	2054	2	0	3	2	7	5	2074	20	6	2105	24	1	22	3	50	4216
% Unshifted	100	99.3	100	100	99.3	100	0	100	100	100	100	99.3	100	100	99.3	100	100	100	100	100	99.3
Bank 1	0	14	0	0	14	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	29
% Bank 1	0	0.7	0	0	0.7	0	0	0	0	0	0	0.7	0	0	0.7	0	0	0	0	0	0.7

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Greenmount
City of Oakwood

File Name : Not Named 8
Site Code : 00000000
Start Date : 1/21/2016
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	GRN From North						GRN From East						GRN From South						GRN From West					
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total			
07:15 AM	1	83	3	0	87	12	0	0	0	12	0	131	0	0	131	0	1	2	0	0	3	233		
07:30 AM	1	151	4	0	156	3	0	0	0	3	1	176	1	0	178	1	0	0	0	0	1	338		
07:45 AM	0	150	9	0	159	4	0	0	0	4	4	197	0	0	201	2	0	1	0	0	3	367		
Total	2	384	16	0	402	19	0	0	0	19	5	504	1	0	510	3	1	3	0	0	7	938		
08:00 AM	1	116	6	1	124	4	0	0	0	4	0	162	0	0	162	0	0	1	1	1	2	292		
08:15 AM	0	102	3	0	105	0	0	3	0	3	1	167	1	0	169	1	0	0	0	0	1	278		
08:30 AM	1	85	3	0	89	0	0	2	0	2	2	130	2	0	134	0	0	2	0	0	2	227		
Grand Total	4	687	28	1	720	23	0	5	0	28	8	963	4	0	975	4	1	6	1	12	12	1735		
Approch %	0.6	95.4	3.9	0.1	82.1	0	17.9	0	0.8	98.8	0.4	0	33.3	8.3	50	8.3	0.3	0.1	0.1	0.1	0.7			
Total %	0.2	39.6	1.6	0.1	41.5	1.3	0	0.3	0	1.6	0.5	55.5	0.2	0	56.2	0.2	0.1	0.3	0.1	0.1	0.7			
Unshifted	4	684	26	1	715	23	0	4	0	27	7	957	4	0	968	4	1	6	1	12	12	1722		
% Unshifted	100	99.6	92.9	100	99.3	100	0	80	0	96.4	87.5	99.4	100	0	99.3	100	0	100	100	100	99.3			
Bank 1	0	3	2	0	5	0	0	1	0	1	1	6	0	0	7	0	0	0	0	0	13			
% Bank 1	0	0.4	7.1	0	0.7	0	0	20	0	3.6	12.5	0.6	0	0	0.7	0	0	0	0	0	0.7			

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Greenmount/Acorn at Shroyer

File Name : Not Named 1
Site Code : 00000000
Start Date : 12/9/2015
Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	SHR From North				SHR From South				GREE From West				Groups Printed- Unshifted - Bank 1		
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds		
04:30 PM	2	142	0	0	144	0	1	0	1	145	12	0	2	4	18
04:45 PM	8	142	0	1	151	0	0	0	0	153	4	0	1	0	5
Total	10	284	0	1	295	0	0	1	0	298	16	0	3	4	308
05:00 PM	3	169	0	1	173	0	0	0	0	183	11	0	2	0	9
05:15 PM	4	189	0	1	194	0	0	0	0	118	15	0	2	0	14
05:30 PM	4	188	0	3	195	0	0	0	0	149	11	2	0	1	9
05:45 PM	5	231	0	1	237	0	0	0	0	152	7	0	1	0	13
Total	16	777	0	6	799	0	0	0	0	602	44	2	648	39	409
06:00 PM	2	196	0	0	198	0	0	0	0	148	15	2	165	13	14
06:15 PM	1	168	0	0	169	0	0	0	0	145	15	2	162	7	376
Grand Total	29	1425	0	7	1461	0	0	1	0	1170	93	10	1273	75	341
Approch %	2	97.5	0	0.5	0	0	100	0	0	91.9	7.3	0.8	83.3	0	366
Total %	1	50.4	0	0.2	51.7	0	0	0	0	41.4	3.3	0.4	45.1	2.7	409
Unshifted	29	1421	0	7	1457	0	0	1	0	1165	93	10	1268	75	3.2
% Unshifted	100	99.7	0	100	99.7	0	0	100	0	99.6	100	100	100	4	90
Bank 1	0	4	0	0	4	0	0	0	0	5	0	0	0	0	9
% Bank 1	0	0.3	0	0.3	0	0	0	0	0	0.4	0	0.4	0	0	0.3

CMT, Inc

8101 North High Street
Columbus, Ohio 43235

Centered in Value

Shroyer at Dellwood City of Oakwood

File Name : Not Named 6
Site Code : 00000000
Start Date : 12/17/2015
Page No : 1

Start Time	SHR										DELL									
	From North					From East					From South					From West				
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total
07:15 AM	0	98	0	0	98	0	0	0	0	0	147	2	0	149	5	0	0	0	0	5
07:30 AM	0	167	0	0	167	0	0	0	0	0	165	6	0	171	10	0	3	0	13	252
07:45 AM	5	126	0	3	134	0	0	0	0	0	204	10	0	214	9	0	3	0	12	351
Total	5	391	0	3	399	0	0	0	0	0	516	18	0	534	24	0	6	0	30	360
																				963
08:00 AM	2	102	0	1	105	0	0	0	0	0	137	10	0	147	7	0	1	0	0	8
08:15 AM	0	105	0	0	105	0	0	0	0	0	171	3	0	174	5	0	2	0	0	7
08:30 AM	0	93	0	0	93	0	0	0	0	0	133	9	0	142	3	0	2	0	0	5
*** BREAK ***																				240
Total	2	300	0	1	303	0	0	0	0	0	441	22	0	463	15	0	5	0	20	786
*** BREAK ***																				
04:00 PM	6	152	0	0	158	0	0	0	0	0	151	12	0	163	12	0	3	0	0	15
04:15 PM	4	167	0	2	173	0	0	0	0	0	170	8	0	178	4	0	0	0	0	4
04:30 PM	5	148	0	0	153	0	0	0	0	0	182	10	0	192	6	0	1	0	0	356
04:45 PM	4	215	0	1	220	0	0	0	0	0	166	5	0	171	7	0	2	0	0	352
Total	19	682	0	3	704	0	0	0	0	0	669	35	0	704	29	0	6	0	0	400
																				1443
05:00 PM	4	211	0	1	216	0	0	0	0	0	151	9	0	160	5	0	1	0	0	382
05:15 PM	4	200	0	1	205	0	0	0	0	0	132	8	0	140	10	0	1	0	0	356
05:30 PM	3	190	0	0	193	0	0	0	0	0	172	17	0	189	3	0	1	0	0	386
05:45 PM	6	200	0	0	206	0	0	0	0	0	170	13	0	183	13	0	1	0	0	403
Total	17	801	0	2	820	0	0	0	0	0	625	47	0	672	31	0	4	0	0	3527
Grand Total	43	2174	0	9	2226	0	0	0	0	0	2251	122	0	2373	99	0	21	0	120	4719
Approch %	1.9	97.7	0	0.4	0.2	47.2	0	0	0	0	94.9	5.1	0	82.5	17.5	0	0	0	0	2.5
Total %	0.9	46.1	0	0.7	0.7	0.7	0	0	0	0	47.7	2.6	0	50.3	2.1	0	0.4	0	0	
Unshifted	43	2159	0	9	2211	0	0	0	0	0	2240	122	0	2362	99	0	21	0	120	4693
% Unshifted	100	99.3	0	100	99.3	0	0	0	0	0	99.5	100	0	100	0	0	100	0	100	99.4
Bank 1	0	15	0	0	15	0	0	0	0	0	11	0	0	11	0	0	0	0	0	26
% Bank 1	0	0.7	0	0.7	0	0	0	0	0	0	0.5	0	0	0.5	0	0	0	0	0	0.6

Shroyer Road Safety Study

APPENDIX C: 24-HOUR TRAFFIC DATA (SPEED AND VOLUME)



CMT8101 North High Street
Columbus, Ohio 45235

Page 2

75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

SB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	pace	Number in Pace
02/01/16	0	0	1	1	12	11	6	2	0	0	0	0	0	0	0	33	31:40	23
01:00	0	0	0	0	3	5	5	0	0	1	0	0	0	0	0	14	36:45	10
02:00	0	0	0	0	9	8	3	0	0	0	0	0	0	0	0	20	31:40	17
03:00	0	0	0	1	8	7	3	1	0	0	0	0	0	0	0	23	31:40	15
04:00	0	0	0	0	3	10	9	4	1	0	0	0	0	0	0	27	31:40	19
05:00	0	0	1	6	21	27	16	2	0	0	0	0	0	0	0	73	31:40	48
06:00	6	0	1	9	63	78	37	7	1	0	0	0	0	0	0	202	31:40	141
07:00	23	0	0	13	115	160	96	15	3	0	0	0	0	0	0	425	31:40	275
08:00	32	0	2	13	116	125	75	12	0	0	0	0	0	0	1	376	31:40	241
09:00	11	0	7	33	136	113	41	8	0	0	0	0	0	0	0	349	31:40	249
10:00	9	0	7	34	104	126	49	5	0	0	0	0	0	0	0	334	31:40	230
11:00	11	0	3	17	99	152	81	10	1	0	0	0	0	0	0	374	31:40	251
12 PM	15	0	1	17	109	165	80	18	0	0	0	0	0	0	0	405	31:40	274
13:00	17	0	2	17	97	167	82	15	0	0	0	0	0	0	0	397	31:40	264
14:00	16	2	3	12	68	194	116	31	1	1	0	0	0	0	0	444	36:45	310
15:00	18	0	5	23	123	214	139	27	0	1	0	0	0	0	0	550	36:45	353
16:00	30	0	6	20	157	248	140	19	0	0	0	0	0	0	0	620	31:40	405
17:00	45	1	4	22	198	291	154	22	2	0	0	0	0	0	0	739	31:40	489
18:00	23	1	5	22	175	175	78	7	0	0	0	0	0	0	0	486	31:40	350
19:00	9	0	2	24	110	109	48	10	0	0	0	0	0	0	0	312	31:40	219
20:00	9	1	1	12	105	94	39	3	0	0	0	0	0	0	0	264	31:40	199
21:00	2	0	1	16	70	72	26	3	0	0	0	0	0	0	0	190	31:40	142
22:00	1	0	1	7	28	46	19	1	1	0	0	0	0	0	0	104	31:40	74
23:00	1	0	2	4	27	25	10	3	0	0	0	0	0	0	0	72	31:40	52
Total	278	5	55	326	1963	2621	1347	224	10	1	2	0	0	0	1	6833		
Percent	4.1%	0.1%	0.8%	4.8%	28.7%	38.4%	19.7%	3.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AM Peak Vol.	32	7	34	136	160	96	15	3	01:00	07:00	07:00	07:00	01:00	1	1	08:00	07:00	
PM Peak Vol.	17:00	14:00	16:00	19:00	17:00	17:00	14:00	17:00	14:00	17:00	14:00	15:00	14:00	15:00	1	17:00	07:00	
		2	6	24	198	291	154	31	2	1	1	1	1	1	1	739	425	

CMT

8101 North High Street
Columbus, Ohio 45235

75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

SB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Speed in Pace
02/02/16	0	0	2	1	9	17	2	2	0	0	0	0	0	0	0	33	31-40
01:00	0	0	0	1	6	17	4	0	0	1	0	1	1	1	1	31	31-40
02:00	0	0	0	1	9	9	2	0	0	0	0	0	0	0	0	21	31-40
03:00	0	0	1	0	10	7	4	1	0	0	0	0	0	0	0	23	31-40
04:00	0	0	0	4	5	4	5	0	0	0	0	0	0	0	0	18	32-41
05:00	1	0	1	4	24	30	11	2	1	0	0	0	0	0	0	74	31-40
06:00	10	0	1	9	66	74	25	1	0	0	0	0	0	0	0	186	31-40
07:00	31	0	0	17	138	160	70	15	0	0	0	0	0	0	0	431	31-40
08:00	13	0	6	17	116	157	52	11	4	0	0	0	0	0	0	376	31-40
09:00	9	2	0	17	83	121	69	5	0	0	0	0	0	0	0	306	31-40
10:00	16	1	2	16	100	123	73	10	0	0	0	0	0	0	0	341	31-40
11:00	21	2	6	22	109	123	70	6	0	0	0	0	0	0	0	359	31-40
12 PM	22	1	2	19	113	173	64	12	0	0	0	0	0	0	0	406	31-40
13:00	12	0	2	14	94	173	93	10	0	0	0	0	0	2	400	31-40	
14:00	19	0	5	14	104	189	96	16	1	0	0	0	0	0	0	444	31-40
15:00	29	1	7	16	133	250	115	14	0	0	0	0	0	0	0	565	31-40
16:00	31	2	6	22	186	249	130	15	1	0	0	0	0	0	0	642	31-40
17:00	38	1	6	18	193	308	171	17	4	0	0	0	0	0	0	756	31-40
18:00	24	2	9	28	155	200	52	5	0	0	0	0	0	0	0	475	31-40
19:00	17	0	4	27	97	138	62	1	0	0	0	0	0	0	0	346	31-40
20:00	6	3	4	21	83	113	36	2	0	0	0	0	0	0	0	268	31-40
21:00	7	0	4	9	53	80	45	5	0	0	0	0	0	0	0	203	31-40
22:00	3	0	0	9	48	47	16	1	0	0	0	0	0	0	0	124	31-40
23:00	2	0	3	6	25	32	7	1	0	0	0	0	0	0	0	76	31-40
Total	311	15	71	312	1959	2794	1274	152	11	0	1	0	1	3	6904		
Percent	4.5%	0.2%	1.0%	4.5%	28.4%	40.5%	18.5%	2.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.	31	2	6	11:00	07:00	07:00	10:00	07:00	08:00	01:00	01:00	01:00	01:00	01:00	01:00	07:00	
PM Peak Vol.	38	3	9	18:00	18:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	
				28	193	308	160	73	15	4	1	1	1	1	1	431	
															2	756	

CMT

8101 North High Street
Columbus, Ohio 45235

75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

SB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	02/03/16	0	0	2	2	12	11	9	1	0	0	0	0	0	0	37	31-40	23
01:00	0	0	0	2	7	14	4	3	0	0	0	0	0	0	0	30	31-40	21
02:00	0	0	0	1	8	6	8	0	0	0	0	0	0	0	0	23	36-45	14
03:00	0	0	0	1	3	6	2	0	1	0	0	0	0	0	0	13	31-40	9
04:00	0	0	0	3	10	8	1	3	0	0	0	0	0	0	0	25	31-40	18
05:00	0	0	2	3	25	35	12	4	0	0	0	0	0	0	0	81	31-40	60
06:00	14	0	2	8	56	73	39	4	1	0	0	0	0	0	0	197	31-40	129
07:00	33	1	2	14	101	170	106	17	1	0	0	0	0	0	0	445	36-45	276
08:00	17	0	3	21	108	140	81	9	2	0	0	0	0	0	0	381	31-40	248
09:00	14	1	4	21	83	150	76	9	2	0	0	0	0	0	0	360	31-40	233
10:00	13	0	5	18	85	132	77	19	3	0	0	0	0	0	0	352	31-40	217
11:00	22	0	5	12	66	139	90	21	0	1	0	0	0	0	0	356	36-45	229
12 PM	15	1	9	14	68	174	93	19	2	0	0	0	0	0	0	395	36-45	267
13:00	14	1	7	15	70	185	113	19	1	0	0	0	0	0	0	425	36-45	298
14:00	12	2	2	15	77	192	122	29	1	0	0	0	0	0	0	452	36-45	314
15:00	32	1	0	13	139	203	165	28	7	0	0	0	0	0	1	589	36-45	368
16:00	38	1	9	28	143	274	131	17	2	0	0	0	0	0	0	645	31-40	417
17:00	42	3	6	26	215	306	131	17	1	0	0	0	0	0	0	747	31-40	521
18:00	29	1	4	33	166	242	60	3	2	0	0	0	0	0	0	540	31-40	408
19:00	16	1	5	22	103	114	53	3	0	0	0	0	0	0	0	317	31-40	217
20:00	8	0	2	20	91	107	49	7	1	0	0	0	0	0	0	285	31-40	198
21:00	7	0	1	18	66	72	34	5	0	0	0	0	0	0	0	203	31-40	138
22:00	0	1	1	9	50	55	27	3	0	0	0	0	0	0	0	146	31-40	105
23:00	3	0	3	6	23	32	15	1	0	0	0	0	0	0	0	83	31-40	55
Total	329	14	74	325	1775	2840	1498	241	27	1	0	2	0	0	1	7127		
Percent	4.6%	0.2%	1.0%	4.6%	24.9%	39.8%	21.0%	3.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AM Peak Vol.	33	1	5	8:00	08:00	07:00	07:00	11:00	10:00	11:00	10:00	11:00	10:00	11:00	1	445	07:00	
PM Peak Vol.	17:00	17:00	12:00	18:00	17:00	17:00	15:00	14:00	15:00	15:00	14:00	15:00	16:00	16:00	1	747	17:00	

CMT8101 North High Street
Columbus, Ohio 45235

Page 5

75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

SB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	pace	Number in Pace
02/04/16	2	0	1	6	12	18	2	2	0	0	0	0	0	0	0	43	31-40	30
01:00	0	0	0	3	12	11	4	0	0	0	0	0	0	0	0	30	31-40	23
02:00	0	0	2	1	8	4	6	1	0	0	0	0	0	0	0	22	31-40	12
03:00	0	0	0	4	3	11	4	0	2	0	0	0	0	0	0	24	36-45	15
04:00	0	0	0	1	14	10	1	0	1	0	0	0	0	0	0	27	31-40	24
05:00	2	0	2	8	22	21	11	1	0	0	0	0	0	0	0	67	31-40	43
06:00	16	0	2	10	74	66	26	4	0	0	0	0	0	0	0	198	31-40	140
07:00	30	0	0	12	119	151	67	13	2	0	0	0	0	0	0	394	31-40	270
08:00	25	0	3	17	110	171	47	6	1	0	0	0	0	0	0	380	31-40	281
09:00	12	2	3	12	95	121	47	8	0	0	0	0	0	0	0	300	31-40	216
10:00	12	2	2	24	136	105	45	4	1	0	0	0	0	0	0	331	31-40	241
11:00	18	1	3	18	98	116	79	8	3	0	0	0	0	0	0	344	31-40	214
12 PM	27	0	3	15	100	125	81	20	4	0	0	0	0	0	1	376	31-40	225
13:00	18	1	0	18	95	160	72	12	3	0	0	0	0	0	0	379	31-40	255
14:00	13	0	2	35	139	186	69	11	1	1	0	0	0	0	1	458	31-40	325
15:00	38	0	5	24	170	228	100	9	2	0	0	0	0	0	2	578	31-40	398
16:00	33	1	11	14	153	256	107	17	3	0	0	0	0	0	0	595	31-40	409
17:00	35	0	10	23	236	311	108	16	0	1	0	0	0	0	0	740	31-40	547
18:00	21	0	3	31	175	163	40	6	2	0	0	0	0	0	0	441	31-40	338
19:00	13	1	5	13	113	99	30	8	1	0	0	0	0	0	0	283	31-40	212
20:00	9	0	2	16	88	97	23	8	1	0	0	0	0	0	0	244	31-40	185
21:00	3	0	3	9	64	83	35	3	1	0	0	0	0	0	0	201	31-40	147
22:00	4	0	1	6	48	40	15	5	2	0	0	0	0	0	0	121	31-40	88
23:00	1	1	0	3	32	39	9	2	0	0	0	0	0	0	0	87	31-40	71
Total	332	9	63	323	2116	2592	1028	164	30	2	0	0	0	0	4	6663	07:00	394
Percent	5.0%	0.1%	0.9%	4.8%	31.8%	38.9%	15.4%	2.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	07:00		
AM Peak Vol.	07:00	09:00	08:00	10:00	14:00	17:00	17:00	08:00	11:00	07:00	11:00	07:00	12:00	14:00	15:00	17:00		
PM Peak Vol.	15:00	13:00	16:00	14:00	13:00	11:00	35	24	136	171	79	13	3	4	2	740		

CMT

8101 North High Street
Columbus, Ohio 45235

75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

SB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Speed in Pace	Number in Pace
02/05/16	3	0	0	1	8	20	6	2	0	0	1	0	0	0	0	41	31-40	28
01:00	1	0	0	2	17	10	1	0	0	0	0	0	0	0	0	31	31-40	27
02:00	1	0	0	5	7	8	2	2	0	0	0	0	0	0	0	25	31-40	15
03:00	1	0	0	2	5	10	3	2	2	0	0	0	0	0	0	25	31-40	15
04:00	0	0	0	4	7	7	5	1	1	0	0	0	0	0	0	26	31-40	14
05:00	2	0	1	4	24	27	13	1	2	0	0	0	0	0	0	74	31-40	51
06:00	9	0	4	4	64	64	15	5	2	0	0	0	1	0	0	168	31-40	128
07:00	36	0	3	12	116	177	63	4	3	2	2	0	0	0	0	418	31-40	293
08:00	30	0	4	8	84	151	64	13	3	0	0	0	0	0	1	358	31-40	235
09:00	15	0	1	12	92	138	60	11	2	0	0	0	0	0	0	332	31-40	230
10:00	14	0	9	12	93	128	70	20	1	0	0	0	0	0	0	347	31-40	221
11:00	18	0	5	15	94	167	92	19	4	0	0	0	0	0	0	414	31-40	261
12 PM	17	1	8	17	103	175	94	17	0	0	0	0	0	0	0	432	31-40	278
13:00	17	0	6	11	66	163	117	17	0	0	0	0	0	0	0	397	36-45	280
14:00	22	1	6	16	99	188	123	18	0	1	1	0	0	0	0	475	36-45	311
15:00	34	1	2	27	128	223	143	26	2	0	0	0	0	0	0	586	36-45	366
16:00	46	2	12	30	159	249	98	11	3	1	0	0	0	0	1	612	31-40	408
17:00	44	0	5	30	204	302	130	10	2	0	0	0	0	0	0	727	31-40	506
18:00	32	1	11	30	171	194	53	12	2	0	0	0	0	0	0	506	31-40	365
19:00	15	1	6	38	121	122	59	4	0	0	0	0	0	0	0	366	31-40	243
20:00	10	0	2	14	96	120	48	3	1	0	0	0	0	0	0	294	31-40	216
21:00	7	0	0	9	55	83	28	2	1	0	0	0	0	0	0	185	31-40	138
22:00	4	0	3	14	58	82	39	2	0	0	0	0	0	0	0	202	31-40	140
23:00	3	0	6	8	55	65	18	1	0	0	0	0	0	0	0	156	31-40	120
Total	381	7	94	325	1926	2873	1344	203	31	5	4	0	1	3	7197			
Percent	5.3%	0.1%	1.3%	4.5%	26.8%	39.9%	18.7%	2.8%	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.	07:00	10:00	11:00	07:00	07:00	11:00	10:00	11:00	07:00	07:00	07:00	06:00	08:00	07:00				
PM Peak Vol.	16:00	16:00	16:00	19:00	17:00	15:00	15:00	16:00	14:00	14:00	14:00	14:00	14:00	14:00	1	16:00	17:00	
	36	9	15	116	177	92	20	4	2	2	2	1	1	1	1	418	1	727

CMT

8101 North High Street
Columbus, Ohio 45235

75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

AM Peak Vol.	PM Peak Vol.	Total	1704	56	393	1724	10556	14833	6954	1047	122	10	11	0	2	13	37425
Percent		Total	4.6%	0.1%	1.1%	4.6%	28.2%	39.6%	18.6%	2.8%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

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Number in Pace	25389
Percent in Pace	67.8%
Number of Vehicles > 35 MPH	22992
Percent of Vehicles > 35 MPH	61.4%
Mean Speed(Average)	36 MPH

CMT

8101 North High Street
Columbus, Ohio 45235

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75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Number in Pace
02/01/16	0	0	0	0	1	6	18	3	0	0	0	0	0	0	0	28	31-40
01:00	0	0	0	0	1	4	5	0	0	0	0	0	0	0	0	10	31-40
02:00	0	0	0	0	0	3	11	4	0	0	0	0	0	0	0	18	36-45
03:00	0	0	0	0	0	2	5	2	0	0	0	0	0	0	0	9	36-45
04:00	0	0	0	0	2	5	11	3	0	0	0	0	0	0	0	21	31-40
05:00	0	1	0	3	9	50	19	0	0	0	0	0	0	0	0	82	36-45
06:00	4	0	2	2	22	128	68	2	1	0	0	0	0	0	0	229	36-45
07:00	29	1	3	11	118	342	104	7	1	0	0	0	0	0	0	616	31-40
08:00	19	1	8	8	76	326	103	6	0	0	0	0	0	0	0	460	
09:00	6	0	8	6	82	204	27	0	0	0	0	0	0	0	0	429	
10:00	5	0	1	7	78	192	53	16	3	1	0	0	0	0	0	286	
11:00	12	1	3	10	70	208	57	2	0	0	0	0	0	0	0	270	
12 PM	14	0	4	8	70	269	57	3	1	1	0	0	0	0	0	278	
13:00	16	0	2	8	99	265	68	9	0	0	0	0	0	0	0	339	
14:00	15	0	1	7	76	226	83	6	1	0	0	0	0	0	0	364	
15:00	19	1	3	17	95	299	82	2	0	0	0	0	0	0	0	415	
16:00	21	1	0	8	105	334	93	4	0	0	0	0	0	0	0	394	
17:00	32	0	1	11	131	368	81	0	0	0	0	0	0	0	0	439	
18:00	19	0	0	18	140	239	58	4	0	0	0	0	0	0	624	31-40	
19:00	7	1	6	13	70	181	55	4	2	0	0	0	0	0	0	499	
20:00	9	1	2	9	44	153	40	3	0	0	0	0	0	0	0	31-40	
21:00	3	0	0	2	31	111	50	4	1	0	0	0	0	0	0	202	
22:00	0	0	0	0	17	87	36	3	1	0	0	0	0	0	0	36-45	
23:00	1	0	1	2	13	31	24	0	0	0	0	0	0	0	0	123	
Total	231	8	45	154	1366	4063	1170	81	13	2	1	3	0	0	1	7138	
Percent	3.2%	0.1%	0.6%	2.2%	19.1%	56.9%	16.4%	1.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.	07:00	05:00	08:00	07:00	07:00	07:00	07:00	07:00	10:00	10:00	10:00	10:00	10:00	10:00	07:00	616	
PM Peak Vol.	17:00	15:00	19:00	18:00	17:00	16:00	13:00	15:00	12:00	12:00	12:00	12:00	12:00	12:00	18:00	624	

CMT

8101 North High Street
Columbus, Ohio 45235

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75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	02/02/16	0	0	0	0	0	8	23	9	2	0	0	0	0	0	42	34:43	32
01:00	0	0	0	1	1	13	4	0	0	0	0	0	0	0	0	19	36:45	17
02:00	0	0	0	0	0	0	9	2	2	0	0	0	0	0	0	13	35:44	11
03:00	0	0	0	0	0	2	3	2	0	1	0	0	0	0	0	8	36:45	5
04:00	0	0	0	0	0	4	15	3	2	0	0	0	0	0	0	24	31:40	19
05:00	1	1	0	0	0	11	34	16	1	0	0	0	0	0	0	64	36:45	50
06:00	7	0	2	2	35	121	65	7	0	0	0	0	0	0	0	239	36:45	186
07:00	19	0	4	15	96	356	152	5	3	1	0	0	0	0	0	651	36:45	508
08:00	14	0	3	4	67	346	136	5	0	1	1	0	0	0	0	577	36:45	482
09:00	7	0	3	2	46	187	106	5	0	0	0	0	0	0	0	356	36:45	293
10:00	13	0	2	7	79	169	81	6	2	0	0	0	0	0	0	359	35:44	250
11:00	17	0	4	10	81	216	57	10	2	0	0	0	0	0	0	397	31:40	297
12 PM	7	0	0	6	73	242	75	4	0	0	2	0	0	0	0	409	36:45	317
13:00	15	0	3	11	84	226	88	8	0	0	0	0	0	0	0	435	36:45	314
14:00	16	0	2	7	98	237	74	7	3	0	0	0	0	0	0	444	31:40	335
15:00	29	1	2	15	133	282	75	6	1	1	0	0	0	1	546	31:40	415	
16:00	27	0	2	12	140	339	95	3	0	0	0	0	0	0	618	31:40	479	
17:00	34	0	8	12	56	322	141	4	1	0	0	0	0	0	578	36:45	463	
18:00	16	0	0	7	85	259	84	4	2	0	0	0	0	0	457	31:40	344	
19:00	11	0	1	12	72	189	75	5	1	0	0	0	0	0	366	36:45	264	
20:00	5	0	1	6	48	144	66	5	1	0	0	0	0	0	276	36:45	210	
21:00	6	0	0	4	32	120	48	5	0	0	0	0	0	0	215	36:45	168	
22:00	4	0	1	1	27	72	28	2	0	0	0	0	0	0	135	36:45	100	
23:00	0	0	0	2	17	51	17	3	2	0	0	0	0	0	92	31:40	68	
Total	248	2	38	136	1295	3975	1499	101	19	3	0	0	0	1	7320			
Percent	3.4%	0.0%	0.5%	1.9%	17.7%	54.3%	20.5%	1.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.	07:00	05:00	07:00	07:00	07:00	07:00	07:00	11:00	07:00	07:00	08:00				07:00			
PM Peak Vol.	17:00	15:00	17:00	15:00	16:00	16:00	17:00	13:00	14:00	15:00	12:00	15:00	16:00	1	15:00	16:00	618	
					15	140	141	10	3	1	2							

CMT

8101 North High Street
Columbus, Ohio 45235

CMT

8101 North High Street
Columbus, Ohio 45235

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75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Speed in Pace
02/04/16	2	0	1	1	10	31	6	2	0	0	0	0	0	0	0	53	31-40
01:00	0	0	0	0	5	13	5	0	0	0	0	0	0	0	0	23	31-40
02:00	0	0	0	1	1	8	0	1	0	0	0	0	0	0	0	11	31-40
03:00	0	0	0	0	4	3	3	1	0	0	0	0	0	0	0	11	31-40
04:00	0	0	0	2	0	9	3	1	0	0	0	0	0	0	0	17	34-43
05:00	0	0	1	1	9	33	25	2	0	0	0	0	0	0	0	71	36-45
06:00	6	0	2	2	13	111	93	10	0	0	0	0	0	0	0	237	36-45
07:00	33	0	2	15	60	327	163	13	0	1	1	0	0	0	0	615	36-45
08:00	16	6	3	14	90	298	114	11	0	1	0	0	0	1	554	36-45	
09:00	19	1	2	3	63	181	79	9	2	0	0	0	0	0	0	359	36-45
10:00	12	0	3	8	63	185	49	5	1	0	0	0	0	0	0	326	31-40
11:00	20	0	3	9	101	196	61	6	1	0	0	0	0	0	0	397	31-40
12 PM	21	0	5	3	44	216	85	14	2	0	0	0	0	0	0	390	36-45
13:00	12	0	1	4	59	228	108	13	3	1	0	0	0	0	0	429	36-45
14:00	15	0	2	8	74	227	82	5	2	0	0	0	0	0	0	415	36-45
15:00	31	3	4	24	111	273	105	8	4	0	0	0	0	0	0	563	31-40
16:00	24	0	1	8	73	304	111	7	0	0	0	0	0	0	0	528	36-45
17:00	42	0	1	10	102	344	105	9	0	0	0	0	0	1	614	36-45	
18:00	26	0	2	11	106	257	77	3	1	0	0	0	0	0	0	484	31-40
19:00	12	0	0	5	48	203	60	6	0	0	0	0	0	0	0	334	36-45
20:00	5	0	3	3	54	160	53	1	1	0	0	0	0	1	1	281	31-40
21:00	6	0	0	2	33	121	52	7	1	0	0	0	0	0	0	222	36-45
22:00	4	0	0	2	8	81	47	4	0	1	0	0	0	0	0	147	36-45
23:00	3	0	1	2	7	42	33	5	1	0	0	0	0	0	0	94	36-45
Total	309	10	39	136	1140	3851	1519	143	19	4	2	0	0	3	7175		
Percent	4.3%	0.1%	0.5%	1.9%	15.9%	53.7%	21.2%	2.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.	33	6	3	5	24	111	344	101	327	163	13	2	1	1	1	17:00	07:00
PM Peak Vol.	42	15:00	12:00	15:00	15:00	17:00	16:00	12:00	15:00	13:00	18:00	1	1	1	1	17:00	07:00

CMT

8101 North High Street
Columbus, Ohio 45235

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75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Speed in Pace
02/05/16	1	0	1	2	8	16	13	7	0	0	0	0	0	0	0	48	36:45
01:00	0	0	0	1	0	11	13	1	0	0	0	0	0	0	0	26	36:45
02:00	1	0	0	0	0	1	3	3	0	0	1	0	0	0	0	9	36:45
03:00	0	0	0	0	0	3	3	5	1	0	0	0	0	0	0	12	36:45
04:00	0	0	0	1	4	5	16	1	0	0	0	0	0	0	0	27	36:45
05:00	1	1	1	0	5	23	27	7	0	0	0	0	0	0	0	65	36:45
06:00	5	0	3	1	20	96	96	16	0	0	0	0	0	0	0	0	50
07:00	22	0	3	7	43	265	200	21	1	3	0	0	1	0	0	237	36:45
08:00	24	0	1	2	37	295	186	18	1	0	0	0	0	0	0	566	36:45
09:00	12	0	0	2	18	152	131	21	2	0	0	0	0	0	0	38	36:45
10:00	9	0	0	6	27	190	108	18	2	2	0	0	0	0	0	362	36:45
11:00	11	0	0	4	26	180	133	18	2	0	0	0	0	0	0	374	36:45
12 PM	13	1	1	5	51	220	154	13	2	0	0	0	0	0	0	460	36:45
13:00	12	0	2	9	35	208	153	15	4	0	0	0	0	0	0	438	36:45
14:00	20	0	7	9	63	250	118	14	0	0	0	0	0	0	0	481	36:45
15:00	33	0	2	5	61	290	144	18	3	0	0	1	0	0	0	557	36:45
16:00	34	2	5	19	97	317	138	7	0	0	0	0	0	1	0	620	36:45
17:00	32	3	3	12	113	347	96	6	1	0	1	0	0	0	0	614	31:40
18:00	15	0	3	8	94	308	96	3	2	0	0	0	0	1	0	530	35:44
19:00	10	0	2	14	70	222	68	6	0	0	0	0	0	0	0	392	31:40
20:00	5	0	1	5	82	188	52	2	0	0	0	0	0	0	0	335	31:40
21:00	5	2	0	6	40	162	56	6	0	0	0	0	0	0	0	277	36:45
22:00	8	0	0	2	24	114	47	3	0	0	0	0	0	0	0	198	21:18
23:00	3	0	1	4	19	85	40	3	1	0	0	0	0	0	0	156	16:11
Total	276	9	36	124	941	3950	2093	225	21	6	1	1	1	2	7686	12:56	
Percent	3.6%	0.1%	0.5%	1.6%	12.2%	51.4%	27.2%	2.9%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.	24	08:00	05:00	06:00	07:00	08:00	07:00	07:00	07:00	09:00	07:00	07:00	07:00	1	07:00	07:00	
PM Peak Vol.	24	16:00	17:00	14:00	16:00	17:00	17:00	12:00	15:00	13:00	21	2	3	1	16:00	16:00	
	34	3	7	19	113	347	154	18	4	4	1	1	1	1	1	620	

CMT

8101 North High Street
Columbus, Ohio 45235

75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer	Start Time	15	16	21	26	30	35	36	41	46	50	55	56	60	65	66	71	76	Total Pace Speed	Number in Pace
02/08/16	0	0	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	0	0	*	
02:00	0	0	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	0	0	*	
04:00	0	0	0	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	0	0	0	*	
06:00	0	0	0	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	0	0	*	
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Total Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	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.																				
PM Peak Vol.																				

Total Percent	1377 3.5%	45 0.1%	215 0.5%	742 1.9%	6336 16.0%	21249 53.7%	8660 21.9%	780 0.2%	88 0.0%	19 0.0%	8 0.0%	6 0.0%	1 0.0%	12 0.0%	39538
Stats	10 MPH Pace Speed : Number in Pace : Percent in Pace : Number of Vehicles > 35 MPH : Percent of Vehicles > 35 MPH : Mean Speed(Average) :	36-45 MPH 29909 75.6% 30823 78.0% 37 MPH													

CMT

8101 North High Street
Columbus, Ohio 45235

75 ft north of East
Site Code: EAST

Station ID:
Untitled S

Date Start: 31-Jan-16
Date End: 08-Feb-16

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SB Shroyer, NB Shroyer		Pace Speed										Number in Pace					
Start Time	Time	16	21	26	31	36	41	46	51	56	61	66	71	76	79	Total	Pace Speed
02/01/16 01:00	00:00	0	0	1	2	18	29	9	2	0	0	0	0	0	0	61	31-40
02:00	00:00	0	0	0	1	7	10	5	0	0	1	0	0	0	0	24	31-40
03:00	00:00	0	0	0	1	10	12	19	7	0	0	0	0	0	0	38	31-40
04:00	00:00	0	0	0	5	15	20	7	1	0	0	0	0	0	0	32	31-40
05:00	00:00	1	1	9	30	77	35	2	0	0	0	0	0	0	0	48	31-40
06:00	10:00	10	0	3	11	85	206	105	9	2	0	0	0	0	0	155	36-45
07:00	52	1	3	24	233	502	200	22	4	0	0	0	0	0	0	431	36-45
08:00	51	1	10	21	192	451	178	18	0	0	0	0	0	1	923	31-40	
09:00	17	0	15	39	218	317	68	8	0	0	0	0	0	0	0	682	31-40
10:00	14	0	8	41	182	318	102	21	3	1	0	0	0	0	0	690	31-40
11:00	23	1	6	27	169	360	138	12	1	0	0	0	0	0	0	737	31-40
12 PM	29	0	5	25	179	434	137	21	1	1	0	0	0	0	0	833	31-40
13:00	33	0	4	25	196	432	150	24	0	0	0	0	0	0	0	864	31-40
14:00	31	2	4	19	144	420	199	37	2	1	0	0	0	0	0	859	36-45
15:00	37	1	8	40	218	513	221	35	2	0	1	0	0	0	0	1076	36-45
16:00	51	1	6	28	262	582	233	23	0	0	0	0	0	0	0	1186	31-40
17:00	77	1	5	33	329	659	235	22	2	0	0	0	0	0	0	1363	31-40
18:00	42	1	5	40	315	414	136	11	0	0	1	0	0	1	966	31-40	
19:00	16	1	8	37	180	290	103	14	2	0	0	0	0	0	0	651	31-40
20:00	18	2	3	21	149	247	79	6	0	0	2	0	0	0	0	527	31-40
21:00	5	0	1	18	101	183	76	7	1	0	0	0	0	0	0	392	31-40
22:00	1	0	7	45	133	55	4	2	0	0	0	0	0	0	0	248	36-45
23:00	2	0	3	6	40	56	34	3	0	0	0	0	0	0	0	144	31-40
Total	509	13	100	480	3329	6684	2517	305	23	3	0	3	0	2	13971	96	
Percent	3.6%	0.1%	0.7%	3.4%	23.8%	47.8%	18.0%	2.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.	07:00	05:00	09:00	10:00	07:00	07:00	07:00	07:00	07:00	01:00	12:00	20:00	08:00	07:00	1041	1	
PM Peak Vol.	17:00	14:00	15:00	15:00	17:00	17:00	14:00	14:00	14:00	12:00	12:00	20:00	18:00	17:00	1363	1	

CMT

8101 North High Street
Columbus, Ohio 45235

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CMT

8101 North High Street
Columbus, Ohio 45235

Page 22

75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

SB Shroyer, NB Shroyer		Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed in Pace
02/03/16		3	0	2	6	15	28	24	3	1	0	0	0	0	0	0	82	36:45
01:00	1	0	0	2	10	22	9	4	0	0	0	0	0	0	0	0	48	31:40
02:00	0	0	0	2	12	9	15	1	0	0	0	0	0	0	0	0	39	36:45
03:00	0	0	0	1	6	9	7	1	1	0	0	0	0	0	0	0	25	34:43
04:00	1	0	0	3	12	17	7	4	0	0	0	0	0	0	0	0	44	31:40
05:00	3	0	2	4	31	62	44	10	0	0	0	0	0	0	0	0	156	36:45
06:00	21	0	4	10	74	190	130	16	2	0	0	0	0	0	0	0	447	36:45
07:00	52	2	5	25	155	457	304	36	5	0	0	0	0	0	0	2	1043	36:45
08:00	25	3	5	28	175	406	271	24	2	0	0	1	0	1	0	1	941	36:45
09:00	29	2	6	28	114	343	186	23	4	0	0	0	0	0	0	0	735	36:45
10:00	21	0	5	24	107	322	187	31	4	0	0	0	0	0	0	0	701	36:45
11:00	30	0	7	16	123	362	194	34	0	1	0	0	0	0	1	768	36:45	
12 PM	35	1	10	20	110	436	218	33	3	1	0	0	0	0	0	0	867	36:45
13:00	34	2	9	22	124	393	233	24	1	0	0	0	0	0	0	0	842	36:45
14:00	37	4	9	21	162	443	205	38	1	0	0	0	0	0	0	0	920	36:45
15:00	61	3	2	31	256	510	264	33	8	0	0	0	0	0	1	1169	36:45	
16:00	62	1	11	32	228	579	240	31	2	0	3	0	0	0	0	1189	36:45	
17:00	75	6	14	54	340	643	202	24	1	0	0	0	0	0	1	1360	31:40	
18:00	38	1	5	41	275	538	135	4	2	0	0	0	0	0	0	1039	31:40	
19:00	32	1	7	37	184	329	114	10	0	0	0	0	0	0	0	714	31:40	
20:00	13	0	2	22	147	293	110	10	1	1	0	0	0	0	0	599	31:40	
21:00	10	1	1	18	102	192	81	6	0	0	0	0	0	0	0	411	29:44	
22:00	2	1	2	11	72	158	64	5	0	0	0	0	0	0	0	315	31:40	
23:00	6	0	4	6	39	94	33	3	0	0	0	0	0	0	0	185	31:40	
Total	591	28	112	464	2873	6835	3277	408	38	3	1	0	0	0	6	14639		
Percent	4.0%	0.2%	0.8%	3.2%	19.6%	46.7%	22.4%	2.8%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.	07:00	08:00	11:00	08:00	08:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	08:00	08:00	07:00	07:00	07:00	
PM Peak Vol.	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	14:00	15:00	15:00	12:00	12:00	15:00	15:00	17:00	
	52	3	7	54	340	643	264	38	8	1	3	1	3	1	2	1	1360	

CMT

8101 North High Street
Columbus, Ohio 45235

75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

SB Shroyer, NB Shroyer		Start Time	15	16	21	25	30	35	40	45	46	51	55	60	65	66	67	71	75	76	999	Total	96	31:40	71
Time	Start	1	15	20	25	30	35	40	45	46	51	55	60	65	66	67	71	75	76	999	Total	96	31:40	71	
02/04/16	4	0	0	2	7	22	49	8	4	0	0	0	0	0	0	0	0	0	0	0	0	53	31:40	41	
01:00	0	0	0	0	3	17	24	9	0	0	0	0	0	0	0	0	0	0	0	0	0	33	31:40	21	
02:00	0	0	0	2	2	9	12	6	2	0	0	0	0	0	0	0	0	0	0	0	0	35	31:40	21	
03:00	0	0	0	0	4	7	14	7	1	2	0	0	0	0	0	0	0	0	0	0	0	44	31:40	35	
04:00	0	0	0	2	1	16	19	4	1	1	0	0	0	0	0	0	0	0	0	0	0	138	36:45	90	
05:00	2	0	3	9	31	54	36	3	0	0	0	0	0	0	0	0	0	0	0	0	0	435	36:45	296	
06:00	22	0	4	12	87	177	119	14	0	0	0	0	0	0	0	0	0	0	0	0	0	1009	36:45	708	
07:00	63	0	2	27	179	478	230	26	2	1	1	0	0	0	0	0	0	0	0	0	0	1	934	31:40	669
08:00	41	6	6	31	200	469	161	17	1	1	0	0	0	0	0	0	0	0	0	0	0	659	31:40	460	
09:00	31	3	5	15	158	302	126	17	2	0	0	0	0	0	0	0	0	0	0	0	0	657	31:40	489	
10:00	24	2	5	32	199	290	94	9	2	0	0	0	0	0	0	0	0	0	0	0	0	741	31:40	511	
11:00	38	1	6	27	199	312	140	14	4	0	0	0	0	0	0	0	0	0	0	0	1	766	36:45	507	
12 PM	48	0	8	18	144	341	166	34	6	0	0	0	0	0	0	0	0	0	0	0	0	808	36:45	568	
13:00	30	1	1	22	154	388	180	25	6	1	0	0	0	0	0	0	0	0	0	0	0	1	873	31:40	626
14:00	28	0	4	43	213	413	151	16	3	1	0	0	0	0	0	0	0	0	0	0	0	2	1141	31:40	782
15:00	69	3	9	48	281	501	205	17	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1123	31:40	786
16:00	57	1	12	22	226	560	218	24	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1354	31:40	993
17:00	77	0	11	33	338	655	213	25	0	1	0	0	0	0	0	0	0	0	0	0	0	0	925	31:40	701
18:00	47	0	5	42	281	420	117	9	3	0	1	0	0	0	0	0	0	0	0	0	0	0	617	31:40	463
19:00	25	1	5	18	161	302	90	14	1	0	0	0	0	0	0	0	0	0	0	0	0	1	525	31:40	399
20:00	14	0	5	19	142	257	76	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	423	31:40	301
21:00	9	0	3	11	97	204	87	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	268	36:45	183
22:00	8	0	1	8	56	121	62	9	2	1	0	0	0	0	0	0	0	0	0	0	0	0	181	36:45	123
23:00	4	1	1	5	39	81	42	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1009	07:00
Total	641	19	102	459	3256	6443	2547	307	49	6	2	0	0	0	0	0	0	0	0	7	13838				
Percent	4.6%	0.1%	0.7%	3.3%	23.5%	46.6%	18.4%	2.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
AM Peak Vol.	07:00	63	6	10:00	08:00	10:00	08:00	07:00	07:00	07:00	07:00	11:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00
PM Peak Vol.	17:00	77	3	12	48	338	655	218	230	26	4	1	1	1	1	1	1	1	1	1	2	1354	17:00		

CMT

8101 North High Street
Columbus, Ohio 45235

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75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

SB Shroyer, NB Shroyer		Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number in Pace
02/05/16	4	0	0	1	3	16	36	19	9	0	0	1	0	0	0	89	36:45	55	
01:00	1	0	0	0	3	17	21	14	1	0	0	0	0	0	0	57	31:40	38	
02:00	2	0	0	0	5	8	11	5	2	0	1	0	0	0	0	34	31:40	19	
03:00	1	0	0	0	2	8	13	8	3	2	0	0	0	0	0	37	31:40	21	
04:00	0	0	0	0	5	11	12	21	2	1	1	0	0	0	0	53	36:45	33	
05:00	3	1	2	4	29	50	40	8	2	0	0	0	0	0	0	139	36:45	90	
06:00	14	0	7	5	84	160	111	21	2	0	0	0	1	0	0	405	36:45	271	
07:00	58	0	6	19	159	442	263	25	4	5	2	0	0	1	0	984	36:45	705	
08:00	54	0	5	10	121	446	250	31	4	0	0	0	0	0	0	1	922	36:45	696
09:00	27	0	1	14	110	290	191	32	4	0	0	0	0	0	0	1	670	36:45	481
10:00	23	0	9	18	120	318	178	38	3	2	0	0	0	0	0	0	709	36:45	496
11:00	29	0	5	19	120	347	225	37	6	0	0	0	0	0	0	0	788	36:45	572
12 PM	30	2	9	22	154	395	248	30	2	0	0	0	0	0	0	0	892	36:45	643
13:00	29	0	8	20	101	371	270	32	4	0	0	0	0	0	0	0	835	36:45	641
14:00	42	1	13	25	162	438	241	32	0	1	1	0	0	0	0	0	956	36:45	679
15:00	67	1	4	32	189	513	287	44	5	0	1	0	0	0	0	0	1143	36:45	800
16:00	80	4	17	49	256	566	236	18	3	1	0	0	0	0	0	2	1232	31:40	822
17:00	76	3	8	42	317	649	226	16	3	0	1	0	0	0	0	1341	31:40	966	
18:00	47	1	14	38	265	502	149	15	4	0	0	0	0	0	0	1	1036	31:40	767
19:00	25	1	8	52	191	344	127	10	0	0	0	0	0	0	0	0	758	31:40	535
20:00	15	0	3	19	178	308	100	5	1	0	0	0	0	0	0	0	629	31:40	486
21:00	12	2	0	15	95	245	84	8	1	0	0	0	0	0	0	0	462	31:40	340
22:00	12	0	3	16	82	196	86	5	0	0	0	0	0	0	0	0	400	36:45	282
23:00	6	0	7	12	74	150	58	4	1	0	0	0	0	0	0	0	312	31:40	224
Total	657	16	130	449	2867	6823	3437	428	52	11	5	1	2	5	1	14883			
Percent	4.4%	0.1%	0.9%	3.0%	19.3%	45.8%	23.1%	2.9%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.	58	1	9	10:00	07:00	07:00	08:00	07:00	10:00	11:00	07:00	07:00	06:00	08:00	06:00	07:00	08:00	07:00	
PM Peak Vol.	16:00	16:00	16:00	17:00	19:00	17:00	17:00	15:00	15:00	14:00	14:00	14:00	14:00	14:00	14:00	14:00	16:00	17:00	
				52	317	649	287	446	263	38	6	5	2	1	1	1	1	1	
																	1341	1341	

CMT

8101 North High Street
Columbus, Ohio 45235

75 ft north of East
Site Code: EAST
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

SB Shroyer, NB Shroyer

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number in Pace
02/08/16	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	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	0	*
05:00	0	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	0	*
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	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.

PM Peak Vol.

Total	3081	101	608	2466	16892	36082	15614	1827	210	29	19	6	3	25	76963
Percent	4.0%	0.1%	0.8%	3.2%	21.9%	46.9%	20.3%	2.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

10 MPH Pace Speed : 31-40 MPH
Number in Pace : 52974
Percent in Pace : 68.8%
50th Percentile : 37 MPH
85th Percentile : 41 MPH
95th Percentile : 44 MPH

Stats

Number of Vehicles > 35 MPH : 53815
Percent of Vehicles > 35 MPH : 69.9%
Mean Speed(Average) : 37 MPH

CMT

8101 North High Street
Columbus, Ohio 45235

Page 2

Site Code: LONSDALESENAL

Station ID:

Untitled Vo

Date Start: 31-Jan-16

Date End: 08-Feb-16

Start Time	01-Feb-16 Mon	SB Shroyer		Hour Totals		NB Shroyer		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		18	111			12	112				
12:15		7	108			6	100				
12:30		5	94			6	100				
12:45		3	92	33	405	4	116	28	428	61	833
01:00		4	89			6	109				
01:15		5	103			2	112				
01:30		2	97			0	117				
01:45		3	108	14	397	2	129	10	467	24	864
02:00		6	98			3	104				
02:15		6	127			5	116				
02:30		4	106			5	85				
02:45		4	113	20	444	5	110	18	415	38	859
03:00		5	113			0	100				
03:15		5	137			3	130				
03:30		7	138			2	154				
03:45		6	162	23	550	4	142	9	526	32	1076
04:00		4	149			3	135				
04:15		2	134			1	130				
04:30		5	159			8	146				
04:45		16	178	27	620	9	155	21	566	48	1186
05:00		20	197			11	153				
05:15		16	185			21	152				
05:30		18	204			21	152				
05:45		19	153	73	739	29	167	82	624	155	1363
06:00		30	134			28	127				
06:15		43	135			39	142				
06:30		57	124			84	112				
06:45		72	93	202	486	78	99	229	480	431	966
07:00		63	83			92	84				
07:15		92	78			132	87				
07:30		145	69			185	78				
07:45		125	82	425	312	207	90	616	339	1041	651
08:00		109	78			158	83				
08:15		99	68			139	59				
08:30		76	70			131	58				
08:45		92	48	376	264	119	63	547	263	923	527
09:00		93	59			90	63				
09:15		77	48			88	53				
09:30		99	34			79	45				
09:45		80	49	349	190	76	41	333	202	682	392
10:00		88	29			77	46				
10:15		84	34			84	32				
10:30		88	27			91	29				
10:45		74	14	334	104	104	37	356	144	690	248
11:00		93	17			96	17				
11:15		87	21			87	25				
11:30		89	15			92	14				
11:45		105	19	374	72	88	16	363	72	737	144
Total		2250	4583			2612	4526			4862	9109
Percent		32.9%	67.1%			36.6%	63.4%			34.8%	65.2%

CMT

8101 North High Street
Columbus, Ohio 45235

Page 3

Site Code: LONSDALESENAL

Station ID:

Untitled Vo

Date Start: 31-Jan-16

Date End: 08-Feb-16

Start Time	02-Feb-16 Tue	SB Shroyer		Hour Totals		NB Shroyer		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		11	107			12	100				
12:15		13	105			10	111				
12:30		4	91			10	110				
12:45		5	103	33	406	10	88	42	409	75	815
01:00		12	101			7	127				
01:15		9	94			5	115				
01:30		3	89			4	100				
01:45		7	116	31	400	3	93	19	435	50	835
02:00		5	109			6	105				
02:15		5	115			1	108				
02:30		7	117			1	119				
02:45		4	103	21	444	5	112	13	444	34	888
03:00		7	134			2	118				
03:15		4	135			1	153				
03:30		10	145			1	134				
03:45		2	151	23	565	4	141	8	546	31	1111
04:00		3	136			3	162				
04:15		1	145			4	150				
04:30		4	170			10	151				
04:45		10	191	18	642	7	155	24	618	42	1260
05:00		16	189			9	174				
05:15		14	217			10	123				
05:30		20	193			21	144				
05:45		24	157	74	756	24	137	64	578	138	1334
06:00		24	141			30	138				
06:15		37	120			49	119				
06:30		47	106			68	115				
06:45		78	108	186	475	92	85	239	457	425	932
07:00		70	116			116	102				
07:15		88	78			155	101				
07:30		154	75			176	84				
07:45		119	77	431	346	204	79	651	366	1082	712
08:00		114	72			142	67				
08:15		92	69			163	76				
08:30		82	74			132	76				
08:45		88	53	376	268	140	57	577	276	953	544
09:00		66	64			108	51				
09:15		77	52			77	55				
09:30		71	43			86	69				
09:45		92	44	306	203	85	40	356	215	662	418
10:00		82	25			96	44				
10:15		96	41			78	30				
10:30		89	32			83	40				
10:45		74	26	341	124	102	21	359	135	700	259
11:00		75	22			95	33				
11:15		83	19			89	26				
11:30		83	19			82	19				
11:45		118	16	359	76	131	14	397	92	756	168
Total		2199	4705			2749	4571			4948	9276
Percent		31.9%	68.1%			37.6%	62.4%			34.8%	65.2%

CMT

8101 North High Street
Columbus, Ohio 45235

Page 4

Site Code: LONSDALESENAL

Station ID:

Untitled Vo

Date Start: 31-Jan-16

Date End: 08-Feb-16

Start Time	03-Feb-16 Wed	SB Shroyer		Hour Totals		NB Shroyer		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		6	99			14	122				
12:15		14	107			13	116				
12:30		9	85			8	116				
12:45		8	104	37	395	10	118	45	472	82	867
01:00		7	90			10	101				
01:15		8	120			3	97				
01:30		6	104			2	109				
01:45		9	111	30	425	3	110	18	417	48	842
02:00		4	103			6	112				
02:15		6	115			1	115				
02:30		9	113			3	137				
02:45		4	121	23	452	6	104	16	468	39	920
03:00		3	141			2	119				
03:15		2	126			2	162				
03:30		7	166			3	149				
03:45		1	156	13	589	5	150	12	580	25	1169
04:00		3	140			2	132				
04:15		2	161			2	139				
04:30		7	157			9	134				
04:45		13	187	25	645	6	139	19	544	44	1189
05:00		16	187			7	159				
05:15		18	211			17	137				
05:30		23	183			17	162				
05:45		24	166	81	747	34	155	75	613	156	1360
06:00		32	150			31	145				
06:15		37	153			51	143				
06:30		61	141			73	102				
06:45		67	96	197	540	95	109	250	499	447	1039
07:00		80	101			96	102				
07:15		89	70			159	117				
07:30		154	73			158	88				
07:45		122	73	445	317	185	90	598	397	1043	714
08:00		106	85			143	83				
08:15		88	80			141	91				
08:30		101	56			152	63				
08:45		86	64	381	285	124	77	560	314	941	599
09:00		103	54			94	56				
09:15		84	68			92	59				
09:30		87	42			97	56				
09:45		86	39	360	203	92	37	375	208	735	411
10:00		92	41			79	55				
10:15		89	35			78	40				
10:30		87	36			83	39				
10:45		84	34	352	146	109	35	349	169	701	315
11:00		81	25			90	36				
11:15		100	23			77	24				
11:30		89	16			109	27				
11:45		86	19	356	83	136	15	412	102	768	185
Total		2300	4827			2729	4783			5029	9610
Percent		32.3%	67.7%			36.3%	63.7%			34.4%	65.6%

Site Code: LONSDALESENAL

Station ID:

Untitled Vo

Date Start: 31-Jan-16

Date End: 08-Feb-16

Start Time	04-Feb-16 Thu	SB Shroyer		Hour Totals		NB Shroyer		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		12	85			13	92				
12:15		9	80			14	95				
12:30		12	123			17	106				
12:45		10	88	43	376	9	97	53	390	96	766
01:00		8	95			5	101				
01:15		8	96			7	110				
01:30		2	91			9	105				
01:45		12	97	30	379	2	113	23	429	53	808
02:00		10	110			4	100				
02:15		4	114			4	95				
02:30		6	125			3	124				
02:45		2	109	22	458	0	96	11	415	33	873
03:00		7	134			1	126				
03:15		5	131			3	138				
03:30		10	158			6	151				
03:45		2	155	24	578	1	148	11	563	35	1141
04:00		7	146			2	104				
04:15		4	134			2	134				
04:30		5	136			6	141				
04:45		11	179	27	595	7	149	17	528	44	1123
05:00		13	218			9	155				
05:15		13	222			12	147				
05:30		20	149			23	149				
05:45		21	151	67	740	27	163	71	614	138	1354
06:00		27	120			24	140				
06:15		40	111			56	137				
06:30		64	95			74	108				
06:45		67	115	198	441	83	99	237	484	435	925
07:00		58	74			100	88				
07:15		89	83			148	83				
07:30		144	68			171	80				
07:45		103	58	394	283	196	83	615	334	1009	617
08:00		103	66			146	73				
08:15		94	52			155	85				
08:30		92	68			128	52				
08:45		91	58	380	244	125	71	554	281	934	525
09:00		66	62			92	60				
09:15		72	71			96	58				
09:30		78	31			89	43				
09:45		84	37	300	201	82	61	359	222	659	423
10:00		78	42			78	41				
10:15		65	26			70	44				
10:30		94	37			81	33				
10:45		94	16	331	121	97	29	326	147	657	268
11:00		82	24			93	31				
11:15		80	19			88	27				
11:30		85	24			111	20				
11:45		97	20	344	87	105	16	397	94	741	181
Total		2160	4503			2674	4501			4834	9004
Percent		32.4%	67.6%			37.3%	62.7%			34.9%	65.1%

Site Code: LONSDALESENAL

Station ID:

Untitled Vo

Date Start: 31-Jan-16

Date End: 08-Feb-16

Start Time	05-Feb-16 Fri	SB Shroyer		Hour Totals		NB Shroyer		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		13	109			6	118				
12:15		13	112			17	118				
12:30		9	110			13	106				
12:45		6	101	41	432	12	118	48	460	89	892
01:00		13	89			7	115				
01:15		10	90			7	118				
01:30		4	122			7	94				
01:45		4	96	31	397	5	111	26	438	57	835
02:00		4	99			1	114				
02:15		7	117			3	119				
02:30		8	117			1	115				
02:45		6	142	25	475	4	133	9	481	34	956
03:00		6	137			2	134				
03:15		5	126			1	145				
03:30		3	169			3	148				
03:45		11	154	25	586	6	130	12	557	37	1143
04:00		4	161			2	141				
04:15		4	141			3	172				
04:30		7	137			11	168				
04:45		11	173	26	612	11	139	27	620	53	1232
05:00		15	200			6	159				
05:15		16	184			17	153				
05:30		21	184			23	149				
05:45		22	159	74	727	19	153	65	614	139	1341
06:00		26	149			28	136				
06:15		36	138			42	128				
06:30		43	114			78	153				
06:45		63	105	168	506	89	113	237	530	405	1036
07:00		64	115			93	106				
07:15		86	81			124	103				
07:30		129	91			172	93				
07:45		139	79	418	366	177	90	566	392	984	758
08:00		96	78			168	76				
08:15		87	71			158	91				
08:30		79	80			125	102				
08:45		96	65	358	294	113	66	564	335	922	629
09:00		89	48			89	59				
09:15		76	45			79	71				
09:30		86	41			100	63				
09:45		81	51	332	185	70	84	338	277	670	462
10:00		83	59			82	52				
10:15		82	56			88	60				
10:30		93	45			87	44				
10:45		89	42	347	202	105	42	362	198	709	400
11:00		104	43			88	48				
11:15		107	38			86	43				
11:30		97	40			95	30				
11:45		106	35	414	156	105	35	374	156	788	312
Total		2259	4938			2628	5058			4887	9996
Percent		31.4%	68.6%			34.2%	65.8%			32.8%	67.2%

CMT

8101 North High Street
Columbus, Ohio 45235

Page 2

75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
02/01/16	0	0	0	0	1	3	8	4	50	55	60	65	70	75	999	20	39.48	12
01:00	0	0	0	0	0	1	2	6	2	0	0	0	1	0	0	12	41.50	8
02:00	0	0	0	0	0	1	3	8	0	1	0	0	0	0	0	14	36.45	11
03:00	0	0	0	0	0	0	4	10	3	1	0	0	0	0	1	19	36.45	14
04:00	0	0	0	0	0	1	11	17	13	4	0	0	0	0	0	46	41.50	30
05:00	0	0	0	0	0	9	41	38	28	7	2	0	0	0	0	125	36.45	79
06:00	2	0	0	0	6	14	85	122	59	10	2	1	0	0	0	1	302	36.45
07:00	9	0	0	0	6	47	205	261	78	10	3	0	0	0	0	2	621	36.45
08:00	1	0	2	8	33	125	199	81	11	1	0	0	0	0	0	461	36.45	
09:00	1	1	5	4	33	134	178	50	9	1	0	0	0	0	0	416	36.45	
10:00	4	0	0	7	25	120	142	57	8	0	1	0	0	0	0	364	36.45	
11:00	1	0	1	11	28	153	185	63	10	0	1	0	0	0	0	453	36.45	
12:PM	4	0	4	7	30	141	183	55	5	0	0	0	0	0	1	430	36.45	
13:00	1	1	1	7	40	168	185	62	8	1	0	0	0	0	0	474	36.45	
14:00	1	0	15	37	144	208	88	12	0	0	0	0	0	0	0	505	36.45	
15:00	2	0	3	4	43	171	247	103	15	0	0	0	0	0	0	588	36.45	
16:00	4	0	1	12	43	242	233	71	10	1	0	0	0	0	1	618	475	
17:00	4	1	2	10	54	256	216	80	9	3	2	0	0	0	1	638	36.45	
18:00	2	1	0	14	49	141	174	56	10	1	0	0	0	0	1	449	36.45	
19:00	3	0	1	4	25	88	122	47	6	0	0	0	0	0	1	297	36.45	
20:00	3	0	0	6	11	61	104	27	12	1	0	0	0	0	1	226	36.45	
21:00	2	0	0	4	8	40	53	29	8	1	0	0	0	0	1	146	36.45	
22:00	2	0	1	0	1	25	34	24	2	0	1	0	0	0	0	90	36.45	
23:00	0	0	0	0	0	1	20	27	12	5	2	1	0	0	0	68	36.45	
Total	46	4	21	126	537	2383	2960	1092	174	20	7	1	0	0	11	7382		
Percent	0.6%	0.1%	0.3%	1.7%	7.3%	32.3%	40.1%	14.8%	2.4%	0.3%	0.1%	0.0%	0.0%	0.0%	0.1%			
AM Peak Vol.	07:00	09:00	09:00	11:00	07:00	07:00	08:00	08:00	07:00	06:00	01:00	01:00	01:00	01:00	07:00	07:00	07:00	
PM Peak Vol.	12:00	13:00	12:00	14:00	17:00	15:00	15:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	12:00	12:00	12:00	
	9	1	5	11	47	205	261	81	11	3	1	1	1	1	2	621	638	

CMT

8101 North High Street
Columbus, Ohio 45235

75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
02/02/16	0	0	0	0	0	1	7	8	7	2	0	1	0	0	0	26	36:45	15
01:00	0	0	0	0	0	0	4	6	5	2	0	0	0	1	1	19	39:48	11
02:00	0	0	0	0	0	0	6	12	4	1	0	0	0	0	0	23	36:45	18
03:00	0	0	0	0	0	0	7	4	3	3	0	0	0	0	0	20	36:45	11
04:00	0	0	0	0	0	2	10	13	6	5	1	0	0	0	0	37	36:45	23
05:00	2	0	0	0	1	6	26	48	29	7	2	0	0	0	0	121	41:50	77
06:00	7	0	0	4	17	94	111	62	12	1	0	1	0	0	0	309	36:45	205
07:00	11	0	0	7	32	157	251	104	35	4	0	0	0	0	1	602	36:45	408
08:00	6	0	4	7	31	107	182	78	26	3	0	0	0	0	3	447	36:45	289
09:00	2	0	2	7	25	99	160	67	12	0	0	0	0	0	0	374	36:45	259
10:00	0	0	0	5	24	111	149	59	9	1	0	0	0	0	1	359	36:45	260
11:00	1	2	9	25	133	186	60	5	0	2	0	0	0	0	1	424	36:45	319
12 PM	3	0	2	7	32	98	207	84	12	2	0	0	1	0	0	448	36:45	305
13:00	4	0	0	9	20	97	189	84	16	1	1	0	0	0	0	421	36:45	286
14:00	2	0	1	6	27	114	210	90	20	3	1	1	0	0	0	475	36:45	324
15:00	6	0	1	10	42	155	225	104	14	0	0	0	0	0	0	557	36:45	380
16:00	8	2	8	20	114	175	203	101	20	2	1	0	0	1	0	655	36:45	378
17:00	5	0	2	12	59	209	259	94	26	2	0	1	0	0	0	669	36:45	468
18:00	1	0	3	13	43	140	167	69	6	1	0	0	1	2	0	446	36:45	307
19:00	2	1	0	6	22	79	107	50	8	2	0	0	0	1	0	278	36:45	186
20:00	0	0	0	5	22	47	67	60	24	4	1	0	0	0	0	230	41:50	127
21:00	2	0	0	0	7	28	52	43	19	6	1	0	0	0	0	158	41:50	95
22:00	4	0	0	0	1	22	49	32	9	0	0	0	0	0	0	117	41:50	81
23:00	1	0	0	2	4	15	10	11	4	1	0	0	0	0	0	48	36:45	25
Total	67	4	25	130	556	1940	2875	1306	297	39	8	3	3	10	7263			
Percent	0.9%	0.1%	0.3%	1.8%	7.7%	26.7%	39.6%	18.0%	4.1%	0.5%	0.1%	0.0%	0.0%	0.1%				
AM Peak Vol.	07:00	11:00	08:00	11:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	06:00	01:00	08:00	07:00			
PM Peak Vol.	16:00	16:00	16:00	16:00	16:00	17:00	17:00	17:00	17:00	17:00	17:00	104	104	104	104	669	669	

CMT

8101 North High Street
Columbus, Ohio 45235

75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
02/03/16	0	1	0	1	0	0	6	10	8	4	1	0	0	0	0	31	40-49	18
01:00	0	0	0	0	3	1	5	12	1	1	0	0	0	0	0	23	36-45	17
02:00	0	0	0	0	0	2	6	5	4	1	0	0	0	0	0	18	36-45	11
03:00	0	0	0	0	1	2	4	8	2	0	1	0	0	0	0	18	36-45	12
04:00	0	0	0	0	0	0	10	17	8	4	1	0	0	0	0	40	36-45	27
05:00	1	0	0	0	2	9	32	46	39	9	1	0	0	0	0	139	41-50	85
06:00	1	0	1	3	13	82	131	69	12	3	0	1	0	0	0	316	36-45	213
07:00	6	0	1	8	47	189	259	115	25	1	1	0	0	0	0	652	36-45	448
08:00	1	0	0	0	5	26	120	202	92	13	4	0	0	0	1	464	36-45	322
09:00	4	0	1	5	11	96	161	86	23	2	0	0	0	0	1	390	36-45	257
10:00	0	1	2	4	21	90	163	70	20	3	1	0	0	0	0	375	36-45	253
11:00	3	1	3	16	21	72	170	96	28	3	3	0	0	0	1	417	41-50	266
12 PM	0	1	3	12	19	72	198	116	8	3	1	0	0	0	2	435	41-50	314
13:00	3	0	0	11	30	110	205	98	11	1	0	0	0	0	0	469	36-45	315
14:00	3	0	1	5	31	102	207	124	19	6	0	0	0	0	0	498	41-50	331
15:00	6	3	2	6	40	152	244	129	29	1	0	0	0	0	0	612	36-45	396
16:00	23	37	46	66	72	158	153	62	9	2	1	0	0	0	2	631	36-45	311
17:00	33	32	11	26	70	229	202	45	4	0	0	0	0	0	1	653	36-45	431
18:00	4	0	0	15	47	177	189	62	11	0	0	1	0	0	0	506	36-45	366
19:00	2	0	0	6	20	86	133	46	3	1	0	0	1	0	0	298	36-45	219
20:00	3	0	1	6	17	79	96	31	7	2	0	0	0	0	0	242	36-45	175
21:00	1	0	0	2	10	45	67	24	4	0	0	0	0	0	0	153	36-45	112
22:00	0	0	0	1	2	32	46	23	7	0	0	0	0	0	0	111	36-45	78
23:00	1	0	0	0	0	6	11	28	14	1	0	0	0	0	0	62	41-50	42
Total	95	76	72	204	517	1965	2952	1364	253	37	7	2	1	8	7553			
Percent	1.3%	1.0%	1.0%	2.7%	6.8%	26.0%	39.1%	18.1%	3.3%	0.5%	0.1%	0.0%	0.0%	0.0%	0.1%			
AM Peak Vol.	07:00	00:00	11:00	11:00	07:00	07:00	07:00	07:00	11:00	08:00	11:00	06:00	06:00	08:00	08:00	07:00	07:00	
PM Peak Vol.	17:00	16:00	16:00	16:00	16:00	17:00	15:00	15:00	14:00	14:00	14:00	12:00	12:00	12:00	12:00	12:00	12:00	
	6	1	3	16	47	189	259	115	28	4	3	1	1	1	1	1	1	652
	33	37	46	66	72	229	244	129	29	6	1	1	2	2	2	2	2	653

CMT

8101 North High Street
Columbus, Ohio 45235

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75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
02/04/16	0	0	0	0	0	2	7	14	8	1	0	1	0	0	0	33	39.48	22
01:00	0	0	0	0	0	2	6	17	4	0	0	0	0	0	0	29	36.45	23
02:00	0	0	0	0	1	4	4	5	3	1	0	0	0	0	0	18	34.43	9
03:00	0	0	0	0	0	0	9	5	8	1	0	0	1	0	0	24	36.45	14
04:00	0	0	0	0	0	1	11	18	11	1	0	0	0	0	0	42	36.45	29
05:00	1	0	0	0	4	2	26	41	30	10	2	0	0	0	0	116	41.50	71
06:00	2	0	1	6	16	96	106	63	14	2	2	0	0	0	0	308	36.45	202
07:00	10	1	2	6	43	174	243	102	16	0	0	0	0	0	0	597	36.45	417
08:00	10	0	0	9	45	148	177	71	12	2	1	1	0	1	1	477	36.45	325
09:00	2	0	1	8	18	81	160	77	10	0	0	0	0	0	1	358	36.45	241
10:00	5	2	2	11	48	137	133	48	6	3	0	0	0	0	0	395	36.45	270
11:00	5	0	1	11	31	105	140	81	29	16	0	3	0	0	0	422	36.45	245
12 PM	8	0	4	17	42	122	158	68	17	2	0	0	0	0	2	440	36.45	280
13:00	4	0	1	8	29	99	167	79	17	4	1	0	0	0	0	409	36.45	266
14:00	2	1	3	6	41	133	182	89	18	4	1	0	0	0	1	481	36.45	315
15:00	9	2	0	12	45	185	207	102	24	1	1	0	0	0	0	588	36.45	392
16:00	11	1	2	8	51	180	275	89	15	2	0	1	0	0	2	637	36.45	455
17:00	10	0	0	14	68	211	248	75	9	1	1	1	0	0	3	641	36.45	459
18:00	14	0	1	7	39	166	172	47	1	0	0	0	0	0	0	447	36.45	338
19:00	10	0	0	5	23	83	121	47	9	1	0	0	0	0	1	300	36.45	204
20:00	7	0	0	5	15	81	77	49	13	0	0	0	0	0	0	247	36.45	158
21:00	3	0	1	2	7	33	68	36	11	0	1	1	0	0	0	163	41.50	104
22:00	3	0	1	1	3	19	47	28	3	4	0	0	0	0	0	109	41.50	75
23:00	1	0	0	1	2	20	17	9	7	2	0	0	1	0	0	60	36.45	37
Total	117	7	20	142	577	2136	2798	1224	245	46	9	8	1	11	7341			
Percent	1.6%	0.1%	0.3%	1.9%	7.9%	29.1%	38.1%	16.7%	3.3%	0.6%	0.1%	0.1%	0.0%	0.0%	0.1%			
AM Peak Vol.	07:00	10:00	07:00	10:00	10:00	07:00	07:00	07:00	07:00	11:00	06:00	11:00	06:00	11:00	08:00	07:00		
PM Peak Vol.	18:00	15:00	12:00	12:00	17:00	17:00	16:00	15:00	13:00	13:00	13:00	16:00	16:00	16:00	17:00	07:00		
	10	2	4	17	68	211	275	102	24	16	2	3	2	3	1	597		
	14	2	4	17	68	211	275	102	24	16	2	3	2	3	1	641		

CMT

8101 North High Street
Columbus, Ohio 45235

75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
02/05/16	0	0	0	0	0	1	5	12	11	2	1	0	0	0	0	32	41-50	23
01:00	0	0	0	0	0	0	6	8	4	2	0	0	0	0	0	20	36-45	14
02:00	0	0	0	0	0	1	4	7	4	4	0	0	0	0	0	20	41-50	11
03:00	0	0	0	0	0	0	6	7	7	3	0	1	0	0	0	24	39-48	14
04:00	0	0	0	0	0	1	5	16	8	4	1	0	0	0	0	35	41-50	24
05:00	1	0	1	2	15	37	21	11	3	2	0	0	0	1	95	41-50	58	
06:00	1	0	0	5	8	61	99	75	28	7	1	1	0	0	1	287	41-50	174
07:00	12	1	1	2	24	134	223	129	53	5	1	2	0	0	3	590	36-45	357
08:00	7	0	1	6	17	92	164	111	33	8	2	0	2	1	444	41-50	275	
09:00	6	0	0	3	14	81	128	104	26	6	1	0	0	0	2	371	41-50	232
10:00	1	0	2	7	17	56	162	119	41	5	1	0	0	0	0	411	41-50	281
11:00	2	1	0	4	16	88	196	117	19	5	2	0	0	0	0	450	41-50	313
12 PM	4	6	5	10	31	92	175	96	23	2	0	2	0	0	0	446	41-50	271
13:00	1	0	2	6	28	108	176	119	26	8	0	0	0	1	475	41-50	295	
14:00	2	0	0	7	38	146	198	115	20	4	0	0	0	0	0	530	36-45	344
15:00	1	0	6	18	45	161	264	114	15	1	0	1	0	0	2	628	36-45	425
16:00	12	0	5	15	55	180	262	91	14	1	1	0	0	0	1	637	36-45	442
17:00	8	0	6	13	74	269	237	63	9	1	0	0	0	0	2	682	36-45	506
18:00	9	0	2	11	57	202	173	39	4	2	0	0	0	0	0	499	36-45	375
19:00	2	0	0	4	27	106	117	47	11	1	0	1	1	1	1	318	36-45	223
20:00	5	0	0	2	23	48	119	37	10	0	0	0	0	0	1	245	36-45	167
21:00	3	0	1	1	7	54	71	25	8	2	0	0	0	0	0	172	36-45	125
22:00	2	0	0	1	16	58	56	36	7	0	0	1	0	0	0	177	36-45	114
23:00	2	0	0	0	9	29	53	23	3	1	0	0	0	0	0	120	36-45	82
Total	81	8	32	116	511	2006	2960	1515	376	64	12	8	3	16	7708			
Percent	1.1%	0.1%	0.4%	1.5%	6.6%	26.0%	38.4%	19.7%	4.9%	0.8%	0.2%	0.1%	0.0%	0.0%	0.2%			
AM Peak Vol.	07:00	07:00	10:00	10:00	07:00	07:00	07:00	07:00	07:00	08:00	05:00	07:00	08:00	07:00	07:00	07:00	07:00	
PM Peak Vol.	16:00	12:00	15:00	15:00	17:00	17:00	15:00	13:00	13:00	13:00	13:00	16:00	12:00	19:00	15:00	17:00	17:00	
	12	6	6	18	74	269	264	119	26	129	53	8	2	1	2	3	590	

CMT

8101 North High Street
Columbus, Ohio 45235

75ft north of Lonsdale
Site Code: LONSDALE
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

AM Peak Vol.	
PM Peak Vol.	
Total	420
Percent	1.0%
15th Percentile :	35 MPH

50th Percentile :	41 MPH	36-45 MPH
85th Percentile :	46 MPH	26858
95th Percentile :	49 MPH	67.1%
		35711
		89.2%
		41 MPH
10 MPH Pace Speed :	Number in Pace :	Mean Speed(Average) :
	Percent in Pace :	
	Number of Vehicles > 35 MPH :	
	Percent of Vehicles > 35 MPH :	

CMT

8101 North High Street
Columbus, Ohio 45235

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75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

SB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
02/01/16	0	0	1	1	1	9	11	2	0	0	0	0	0	0	0	25	36:45	20
01:00	0	0	0	2	3	7	1	0	0	0	0	0	0	0	0	13	31:40	10
02:00	0	0	0	1	6	7	1	0	0	0	0	0	0	0	0	15	31:40	13
03:00	0	0	0	0	4	5	3	2	0	0	0	0	0	0	0	14	31:40	9
04:00	0	0	0	0	5	8	7	3	0	0	0	0	0	0	0	23	35:44	15
05:00	0	1	1	1	11	50	27	2	0	0	0	0	0	0	0	93	36:45	77
06:00	2	0	0	5	22	92	91	10	0	0	0	0	0	0	0	222	36:45	183
07:00	5	0	1	15	77	213	176	16	0	0	0	0	0	0	0	503	36:45	389
08:00	1	0	4	13	44	167	127	22	2	0	0	0	0	0	0	380	36:45	294
09:00	1	0	2	6	42	106	114	19	3	0	0	0	0	0	0	293	36:45	220
10:00	1	0	1	13	40	95	137	55	13	0	1	0	0	0	0	356	36:45	232
11:00	0	0	3	13	42	130	151	33	5	0	0	0	0	0	0	377	36:45	281
12 PM	2	0	4	20	55	155	132	37	4	0	0	0	0	0	0	409	36:45	287
13:00	4	2	2	11	41	196	165	39	4	0	0	0	0	0	0	464	36:45	361
14:00	3	3	1	6	61	154	183	50	3	1	1	0	0	0	0	466	36:45	337
15:00	5	2	1	5	50	198	215	60	4	0	0	0	0	0	0	540	36:45	413
16:00	2	4	6	11	75	258	200	55	3	0	1	0	0	0	0	615	36:45	458
17:00	9	0	0	19	91	265	187	46	2	1	0	0	0	0	1	621	36:45	452
18:00	1	1	6	11	90	209	140	23	1	0	0	0	0	0	0	482	36:45	349
19:00	1	0	3	15	58	175	116	27	3	0	0	0	0	0	0	398	36:45	291
20:00	0	1	0	3	33	127	85	23	2	0	0	0	0	0	0	274	36:45	212
21:00	0	0	0	4	30	91	68	24	1	0	0	0	0	0	0	218	36:45	159
22:00	0	0	0	5	15	55	25	10	0	0	0	0	0	0	0	110	36:45	80
23:00	0	0	0	5	9	26	25	2	0	0	0	0	0	0	0	67	36:45	51
Total	37	14	36	185	905	2798	2387	560	50	2	3	0	0	0	1	6978		
Percent	0.5%	0.2%	0.5%	2.7%	13.0%	40.1%	34.2%	8.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AM Peak Vol.	07:00	5	1	4	15	77	213	176	55	13	1	0	0	0	0	0	0	0
PM Peak Vol.	17:00	9	4	6	20	91	265	215	60	4	1	1	1	1	1	17:00	17:00	503

CMT

8101 North High Street
Columbus, Ohio 45235

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75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

SB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
02/02/16	0	0	0	0	4	6	20	10	5	0	1	0	0	0	0	46	36:45	30
01:00	1	0	0	0	2	8	7	1	1	0	0	0	0	0	0	21	31:40	15
02:00	0	0	0	0	0	4	3	3	0	1	1	0	0	0	0	12	31:40	7
03:00	0	0	0	0	0	1	4	3	1	0	1	0	0	0	0	10	36:45	7
04:00	0	0	0	0	0	5	7	5	0	1	0	0	0	0	0	18	31:40	12
05:00	0	0	0	1	3	8	22	21	5	1	0	0	0	0	0	61	36:45	43
06:00	0	0	2	4	26	78	82	21	5	1	0	0	0	0	0	219	36:45	160
07:00	2	0	2	13	89	173	129	25	8	0	0	0	0	0	0	441	36:45	302
08:00	2	0	2	9	61	149	140	23	2	1	0	0	0	0	0	389	36:45	289
09:00	2	0	0	0	8	35	117	116	23	1	2	0	0	0	0	304	36:45	233
10:00	1	0	1	8	33	131	119	46	4	2	0	1	0	0	0	346	36:45	250
11:00	3	0	3	4	49	136	156	31	6	2	0	0	0	0	0	390	36:45	292
12 PM	4	0	3	9	37	123	195	50	4	2	1	0	0	0	0	428	36:45	318
13:00	3	1	1	13	35	113	158	76	16	3	0	0	0	0	0	419	36:45	271
14:00	3	0	3	7	39	136	191	88	13	3	0	0	0	0	0	483	36:45	327
15:00	6	3	1	9	53	195	221	73	13	0	0	0	0	0	0	574	36:45	416
16:00	7	1	14	15	74	257	218	49	5	0	0	0	0	0	0	640	36:45	475
17:00	5	1	5	5	51	191	236	77	5	1	0	0	0	0	0	577	36:45	427
18:00	2	1	6	5	47	167	174	45	8	1	0	0	0	0	0	456	36:45	341
19:00	2	0	2	9	41	132	162	43	4	1	0	0	0	0	0	396	36:45	294
20:00	1	1	0	7	27	109	130	39	2	0	0	0	0	0	0	316	36:45	239
21:00	0	0	0	1	21	84	77	51	3	1	1	0	0	0	0	239	36:45	161
22:00	1	0	0	3	11	45	59	27	2	0	0	0	0	0	0	148	36:45	104
23:00	0	0	0	3	14	16	32	10	0	1	0	0	1	0	0	77	36:45	48
Total	45	8	46	141	775	2415	2638	809	105	24	2	1	1	0	0	7010		
Percent	0.6%	0.1%	0.7%	2.0%	11.1%	34.5%	37.6%	11.5%	1.5%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
AM Peak Vol.	16:00	11:00	16:00	16:00	16:00	17:00	07:00	11:00	10:00	07:00	09:00	10:00	10:00	10:00	10:00	07:00	441	
PM Peak Vol.	16:00	15:00	16:00	16:00	16:00	17:00	257	236	156	46	8	2	1	1	1	1	16:00	640

CMT

8101 North High Street
Columbus, Ohio 45235

75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

SB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
02/03/16	0	0	0	0	1	6	8	21	6	1	0	0	0	0	0	43	36:45	29
01:00	0	0	0	0	1	3	4	7	4	1	0	0	0	0	0	20	41:50	11
02:00	0	0	0	0	0	2	3	6	3	0	0	0	0	0	0	14	36:45	9
03:00	0	0	0	0	2	0	3	2	4	1	0	1	0	0	0	13	41:50	6
04:00	1	0	0	0	0	2	7	6	5	1	0	0	0	0	0	22	36:45	13
05:00	0	0	0	2	2	8	17	32	23	5	1	0	0	0	0	90	41:50	55
06:00	1	0	1	1	11	52	92	70	11	0	0	0	0	0	0	239	41:50	162
07:00	3	0	2	3	27	130	231	104	12	0	1	0	0	0	1	514	36:45	361
08:00	3	1	2	6	23	123	188	59	9	2	0	0	0	0	1	417	36:45	311
09:00	2	1	0	11	20	81	119	78	11	0	1	0	0	0	0	324	36:45	200
10:00	1	0	0	6	17	63	144	93	13	2	0	0	0	0	0	339	41:50	237
11:00	0	1	2	4	31	116	184	79	23	1	0	0	0	0	0	441	36:45	300
12PM	2	0	3	5	30	86	152	143	35	5	0	0	0	0	0	461	41:50	295
13:00	1	1	3	6	15	89	189	98	19	3	0	0	0	0	0	424	41:50	287
14:00	3	0	4	6	26	130	201	90	18	3	0	0	0	0	0	481	36:45	331
15:00	2	0	1	12	37	150	257	121	19	1	1	0	0	0	0	601	36:45	407
16:00	1	0	9	62	167	167	128	43	4	1	0	0	0	0	0	582	31:40	334
17:00	5	1	7	41	112	234	177	39	4	1	0	0	0	0	0	621	36:45	411
18:00	4	3	9	18	71	213	173	26	0	1	0	0	0	0	0	518	36:45	386
19:00	1	2	3	18	62	176	140	37	3	1	0	0	0	0	0	443	36:45	316
20:00	0	0	3	5	55	164	115	12	0	0	0	0	0	0	0	354	36:45	279
21:00	0	0	2	5	48	116	78	15	1	0	1	0	0	0	0	266	36:45	194
22:00	0	0	2	5	23	58	52	9	2	0	0	0	0	0	1	152	36:45	110
23:00	0	0	0	0	6	18	32	31	7	1	0	0	0	0	1	96	36:45	63
Total	30	10	55	226	814	2222	2725	1168	194	22	5	0	0	0	4	7475		
Percent	0.4%	0.1%	0.7%	3.0%	10.9%	29.7%	36.5%	15.6%	2.6%	0.3%	0.1%	0.0%	0.0%	0.0%	0.1%			
AM Peak Vol.	07:00	08:00	05:00	09:00	11:00	07:00	07:00	11:00	08:00	03:00	03:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00
PM Peak Vol.	17:00	18:00	16:00	16:00	16:00	17:00	15:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	22:00	17:00	621

CMT

8101 North High Street
Columbus, Ohio 45235

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75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

SB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
02/04/16	0	0	0	0	7	24	12	3	1	0	0	1	0	0	0	55	36:45	36
01:00	0	0	0	0	3	10	2	5	2	1	0	0	0	0	0	23	26:35	13
02:00	0	0	0	0	0	3	3	2	0	0	0	0	0	1	9	31:40	6	
03:00	0	0	0	0	1	4	3	3	1	0	0	0	0	0	0	12	35:44	7
04:00	0	0	0	0	0	6	2	7	1	1	0	0	0	0	0	17	34:43	9
05:00	0	0	1	5	11	29	22	10	0	1	1	0	0	0	0	80	36:45	51
06:00	0	1	0	9	32	72	82	27	5	0	2	0	1	1	1	232	36:45	154
07:00	3	2	3	22	68	183	134	45	5	1	3	1	0	0	0	471	36:45	317
08:00	1	2	3	11	65	157	102	24	4	1	1	1	1	0	0	373	36:45	259
09:00	2	0	1	13	48	107	76	16	9	0	2	2	1	1	1	278	36:45	183
10:00	3	0	1	10	58	123	90	13	6	0	0	0	0	0	0	304	36:45	213
11:00	1	0	2	23	50	145	102	28	5	4	1	1	1	2	2	365	36:45	247
12 PM	3	0	1	11	34	128	124	33	6	2	3	0	0	0	1	346	36:45	252
13:00	1	0	0	13	56	164	130	40	10	1	1	0	0	0	0	416	36:45	294
14:00	2	2	3	19	69	199	139	35	0	0	1	1	0	0	0	470	36:45	338
15:00	4	1	2	22	76	200	170	42	1	0	3	0	1	0	0	522	36:45	370
16:00	2	0	8	13	79	222	195	40	5	0	0	3	2	2	3	572	36:45	417
17:00	8	1	7	24	96	247	124	29	4	4	5	0	0	0	2	551	36:45	371
18:00	3	0	4	33	92	158	103	33	5	4	4	0	1	2	2	442	36:45	261
19:00	1	0	2	17	61	135	72	17	6	3	6	1	2	2	0	323	36:45	207
20:00	1	0	0	16	68	81	55	11	11	2	2	2	0	1	1	250	31:40	149
21:00	0	0	0	10	34	75	34	12	5	3	3	0	2	1	1	179	36:45	109
22:00	0	0	1	6	19	36	13	2	3	1	0	0	2	3	3	86	31:40	55
23:00	0	0	0	3	13	14	4	0	2	2	0	0	0	0	0	38	31:40	27
Total	35	9	39	290	1056	2510	1800	466	94	29	40	13	15	18	6414			
Percent	0.5%	0.1%	0.6%	4.5%	16.5%	39.1%	28.1%	7.3%	1.5%	0.5%	0.6%	0.2%	0.2%	0.3%				
AM Peak Vol.	07:00	07:00	07:00	11:00	11:00	07:00	07:00	07:00	07:00	09:00	11:00	07:00	09:00	06:00	11:00	07:00		
PM Peak Vol.	17:00	14:00	16:00	18:00	17:00	17:00	16:00	15:00	20:00	19:00	17:00	19:00	16:00	16:00	16:00	16:00	16:00	
	3	2	3	23	68	183	134	45	9	4	3	2	1	2	2	471		
	8	2	8	33	96	247	195	42	11	4	6	3	2	3	3	572		

75ft north of Lonsdale
 Site Code: LONSDALE
 Station ID: Untitled S
 Date Start: 31-Jan-16
 Date End: 08-Feb-16

SB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace	
02/05/16	0	0	1	2	5	9	4	5	0	0	0	0	0	0	0	26	31:40	14	
01:00	0	0	0	2	6	5	1	0	0	1	0	0	0	0	0	15	31:40	11	
02:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	24:33	2	
03:00	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	3	24:33	2	
04:00	0	0	0	1	0	1	0	1	2	0	0	0	0	0	0	5	45:54	3	
05:00	0	0	2	0	10	8	5	0	0	0	0	0	0	0	0	1	26	31:40	18
06:00	2	0	1	3	23	26	9	4	1	1	1	0	0	1	1	73	31:40	49	
07:00	4	0	0	12	44	77	36	9	7	3	1	2	1	1	1	197	31:40	121	
08:00	2	1	1	8	27	70	33	12	6	7	3	2	2	2	176	36:45	103		
09:00	1	0	3	5	30	72	65	21	4	4	2	6	0	0	1	214	36:45	137	
10:00	4	0	1	7	28	83	130	62	11	6	3	2	0	0	0	337	36:45	213	
11:00	1	0	3	7	32	110	161	69	9	3	0	0	0	0	0	395	36:45	271	
12 PM	3	0	1	10	37	96	173	94	18	3	1	0	0	0	0	436	36:45	269	
13:00	0	4	2	9	27	95	170	117	18	1	0	0	0	0	1	444	41:50	287	
14:00	2	3	7	14	59	130	193	93	16	2	0	0	0	0	0	519	36:45	323	
15:00	7	1	2	4	45	184	241	78	6	2	0	1	1	0	0	572	36:45	425	
16:00	1	4	6	13	51	219	255	76	10	1	0	1	0	1	1	638	36:45	474	
17:00	5	3	16	93	216	202	42	1	1	1	1	0	0	1	0	588	36:45	418	
18:00	2	0	4	16	73	201	178	35	5	1	0	1	1	0	0	517	36:45	379	
19:00	2	0	4	9	57	157	122	22	4	0	0	1	0	0	0	378	36:45	279	
20:00	0	0	0	12	58	146	117	23	2	0	0	0	0	0	1	359	36:45	263	
21:00	1	1	3	14	40	126	78	29	0	3	2	0	1	0	0	298	36:45	204	
22:00	0	0	2	12	32	81	38	13	3	2	4	2	0	3	192	36:45	119		
23:00	0	0	1	6	17	54	25	14	3	1	2	1	0	0	0	124	36:45	79	
Total	37	20	47	184	796	2166	2237	819	126	42	20	7	13	13	6534				
Percent	0.6%	0.3%	0.7%	2.8%	12.2%	33.1%	34.2%	12.5%	1.9%	0.6%	0.3%	0.3%	0.1%	0.1%	0.2%				
AM Peak Vol.	07:00	08:00	09:00	07:00	07:00	11:00	11:00	11:00	10:00	08:00	08:00	09:00	08:00	08:00	08:00	11:00			
PM Peak Vol.	15:00	17:00	14:00	17:00	17:00	16:00	16:00	13:00	12:00	12:00	12:00	11:00	11:00	11:00	11:00				

CMT

8101 North High Street
Columbus, Ohio 45235

75ft north of Lonsdale
Site Code: LONSDALE
Station ID:
Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

AM Peak	Vol.	PM Peak	Vol.
Total	190	64	237
Percent	0.5%	0.2%	3.0%

Stats

Number in Pace	25547
Percent in Pace	69.4%
Number of Vehicles > 35 MPH	30460
Percent of Vehicles > 35 MPH	82.7%
Mean Speed(Average)	40 MPH

CMT

8101 North High Street
Columbus, Ohio 45235

75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer, SB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed in Pace
02/01/16	0	0	0	1	2	4	12	19	6	1	0	0	0	0	0	45	36:45
01:00	0	0	0	0	2	4	9	7	2	0	0	1	0	0	0	25	36:45
02:00	0	0	0	0	1	7	10	9	0	1	0	0	0	0	0	29	35:44
03:00	0	0	0	0	0	4	9	13	5	1	0	0	0	0	1	33	36:45
04:00	0	0	0	0	0	6	19	24	16	4	0	0	0	0	0	69	36:45
05:00	0	1	1	1	20	91	65	30	7	2	0	0	0	0	0	218	36:45
06:00	4	0	0	11	36	177	213	69	10	2	1	0	0	0	1	524	36:45
07:00	14	0	1	21	124	418	437	94	10	3	0	0	0	0	2	1124	36:45
08:00	2	0	6	21	77	292	326	103	13	1	0	0	0	0	0	841	36:45
09:00	2	1	7	10	75	240	292	69	12	1	0	0	0	0	0	709	36:45
10:00	5	0	1	20	65	215	279	112	21	0	2	0	0	0	0	720	36:45
11:00	1	0	4	24	70	283	336	96	15	0	1	0	0	0	0	830	36:45
12:PM	6	0	8	27	85	296	315	92	9	0	0	0	0	0	1	839	36:45
13:00	5	3	3	18	81	364	350	101	12	1	0	0	0	0	0	938	36:45
14:00	4	3	1	21	98	298	391	138	15	1	1	0	0	0	0	971	36:45
15:00	7	2	4	9	93	369	462	163	19	0	0	0	0	0	0	1128	36:45
16:00	6	4	7	23	118	500	433	126	13	1	0	0	0	1	0	1233	36:45
17:00	13	1	2	29	145	521	403	126	11	4	2	0	0	2	1259	36:45	
18:00	3	2	6	25	139	350	314	79	11	1	0	0	0	1	0	931	36:45
19:00	4	0	4	19	83	263	238	74	9	0	0	0	0	1	0	695	36:45
20:00	3	1	0	9	44	188	189	50	14	1	0	0	0	1	0	500	36:45
21:00	2	0	0	8	38	131	121	53	9	1	0	0	0	1	0	364	36:45
22:00	2	0	1	5	16	80	59	34	2	0	1	0	0	0	0	200	36:45
23:00	0	0	0	5	10	46	52	14	5	2	1	0	0	0	0	135	36:45
Total	83	18	57	311	1442	5181	5347	1652	224	22	10	1	0	0	12	14360	
Percent	0.6%	0.1%	0.4%	2.2%	10.0%	36.1%	37.2%	11.5%	1.6%	0.2%	0.1%	0.0%	0.0%	0.1%	0.1%		
AM Peak Vol.	14	1	7	11:00	12:00	17:00	17:00	15:00	15:00	10:00	10:00	07:00	07:00	01:00	07:00	07:00	
PM Peak Vol.	17:00	16:00	4	8	29	145	521	462	163	19	4	2	3	2	2	17:00	17:00
	13	1	7	29	145	521	462	163	19	4	2	3	2	2	2	1259	

CMT

8101 North High Street
Columbus, Ohio 45235

75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer, SB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
02/02/16	0	0	0	0	4	7	27	18	12	2	1	0	0	0	0	72	36:45	45
01:00	1	0	0	0	2	8	11	7	6	3	0	0	1	1	1	40	31:40	19
02:00	0	0	0	0	0	4	9	15	4	2	1	0	0	0	0	35	36:45	24
03:00	0	0	0	0	0	1	11	7	4	3	4	0	0	0	0	30	36:45	18
04:00	0	0	0	0	0	7	17	18	6	6	1	0	0	0	0	55	36:45	35
05:00	2	0	1	4	14	48	69	34	8	2	0	0	0	0	0	182	36:45	117
06:00	7	0	2	8	43	172	193	83	17	2	0	1	0	0	0	528	36:45	365
07:00	13	0	2	20	121	330	380	129	43	4	0	0	0	1	1	1043	36:45	710
08:00	8	0	6	16	92	256	322	101	28	4	0	0	0	0	3	836	36:45	578
09:00	4	0	2	15	60	216	276	90	13	2	0	0	0	0	0	678	36:45	492
10:00	1	0	1	13	57	242	268	105	13	3	0	1	0	1	1	705	36:45	510
11:00	4	1	5	13	74	269	342	91	11	2	2	0	0	0	0	814	36:45	611
12PM	7	0	5	16	69	221	402	134	16	4	1	0	1	0	0	876	36:45	623
13:00	7	1	1	22	55	210	347	160	32	4	1	0	0	0	0	840	36:45	557
14:00	5	0	4	13	66	250	401	178	33	6	1	1	0	0	0	958	36:45	651
15:00	12	3	2	19	95	350	446	177	27	0	0	0	0	0	0	1131	36:45	796
16:00	15	3	22	35	188	432	421	150	25	2	1	0	0	1	1295	36:45	853	
17:00	10	1	7	17	110	400	495	171	31	3	0	1	0	0	0	1246	36:45	895
18:00	3	1	9	18	90	307	341	114	14	2	0	0	1	2	0	902	36:45	648
19:00	4	1	2	15	63	211	269	93	12	3	0	0	0	1	1	674	36:45	480
20:00	1	1	0	12	49	156	197	99	26	4	1	0	0	0	0	546	36:45	353
21:00	2	0	0	1	28	112	129	94	22	7	2	0	0	0	0	397	36:45	241
22:00	5	0	0	3	12	67	108	59	11	0	0	0	0	0	0	265	36:45	175
23:00	1	0	0	5	18	31	42	21	4	2	0	0	1	0	0	125	36:45	73
Total	112	12	71	271	1331	4355	5513	2115	402	63	10	4	10	4	10	14273		
Percent	0.8%	0.1%	0.5%	1.9%	9.3%	30.5%	38.6%	14.8%	2.8%	0.4%	0.1%	0.0%	0.0%	0.0%	0.1%			
AM Peak Vol.	07:00	11:00	08:00	07:00	07:00	07:00	07:00	07:00	07:00	03:00	11:00	06:00	01:00	08:00	07:00			
PM Peak Vol.	16:00	15:00	16:00	16:00	16:00	17:00	14:00	14:00	14:00	21:00	21:00	14:00	12:00	18:00	16:00			
	13	1	6	20	121	330	380	129	43	4	2	1	1	1	3	1043		
	15	3	22	35	188	432	495	178	33	21:00	21:00	14:00	12:00	18:00	16:00			

CMT

8101 North High Street
Columbus, Ohio 45235

75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer, SB Shroyer	Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace	Number
	Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	in Pace	Speed	
02/03/16	0	1	0	2	6	14	31	14	5	1	0	0	0	0	74	41-50	45	
01:00	0	0	0	4	4	9	19	5	2	0	0	0	0	0	43	36-45	28	
02:00	0	0	0	0	4	9	11	7	1	0	0	0	0	0	32	36-45	20	
03:00	0	0	0	3	2	7	10	6	1	1	0	0	0	0	31	36-45	17	
04:00	1	0	0	0	2	17	23	13	5	1	0	0	0	0	62	36-45	40	
05:00	1	0	2	4	17	49	78	62	14	2	0	0	0	0	229	41-50	140	
06:00	2	0	2	4	24	134	223	139	23	3	0	1	0	0	555	41-50	362	
07:00	9	0	3	11	74	319	490	219	37	1	2	0	0	0	1	1166	36-45	809
08:00	4	1	2	11	49	243	390	151	22	6	0	0	0	0	2	881	36-45	633
09:00	6	1	1	16	31	177	280	164	34	2	1	0	0	0	1	714	36-45	457
10:00	1	1	2	10	38	153	307	163	33	5	1	0	0	0	0	714	41-50	470
11:00	3	2	5	20	52	188	354	175	51	4	3	0	0	0	1	858	36-45	542
12 PM	2	1	6	17	49	158	350	259	43	8	1	0	0	0	2	896	41-50	609
13:00	4	1	3	17	45	199	394	196	30	4	0	0	0	0	0	893	36-45	593
14:00	6	0	5	11	57	232	408	214	37	9	0	0	0	0	0	979	36-45	640
15:00	8	3	18	77	302	501	250	48	2	1	0	0	0	0	0	1213	36-45	803
16:00	24	37	55	128	239	325	281	105	13	3	1	0	0	0	2	1213	36-45	606
17:00	38	33	18	67	182	463	379	84	8	1	0	0	0	0	1	1274	36-45	842
18:00	8	3	9	33	118	390	362	88	11	1	0	1	0	0	0	1024	36-45	752
19:00	3	2	3	24	82	262	273	83	6	2	0	1	0	0	1	741	36-45	535
20:00	3	0	4	11	72	243	211	43	7	2	0	0	0	0	0	596	36-45	454
21:00	1	0	2	7	58	161	145	39	5	0	1	0	0	0	0	419	36-45	306
22:00	0	0	2	6	25	90	98	32	9	0	0	0	0	0	1	263	36-45	188
23:00	1	0	0	6	24	43	59	21	2	1	0	0	0	0	1	158	36-45	102
Total	125	86	127	430	1331	4187	5677	2532	447	59	12	2	1	12	15028			
Percent	0.8%	0.6%	0.8%	2.9%	8.9%	27.9%	37.8%	16.8%	3.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.1%			
AM Peak Vol.	07:00	11:00	11:00	11:00	11:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	08:00	08:00	07:00	07:00	
PM Peak Vol.	17:00	16:00	16:00	16:00	16:00	17:00	17:00	15:00	12:00	15:00	14:00	12:00	18:00	11:00	06:00	08:00	07:00	
	9	2	5	20	74	319	490	219	51	6	3	1	1	1	2	1166	2	
	38	37	55	128	239	463	501	259	48	9	1	1	1	1	2	1274		

CMT

8101 North High Street
Columbus, Ohio 45235

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75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer, SB Shroyer		Pace Speed												Number in Pace					
Start Time	Time	15	20	25	30	35	40	45	50	55	60	65	70	75	76	999	Total	Pace Speed	Number in Pace
00:04:16	00:00	0	0	0	0	3	12	8	22	6	1	0	1	0	0	0	88	36-45	57
01:00	00:00	0	0	0	1	7	7	3	1	0	0	0	0	0	0	0	52	36-45	30
02:00	00:00	0	0	0	0	0	1	13	8	11	2	0	0	1	0	1	27	31-40	14
03:00	00:00	0	0	0	0	0	0	7	13	25	12	2	0	0	0	0	36	36-45	21
04:00	00:00	0	0	0	0	0	7	13	25	12	2	0	0	0	0	0	59	36-45	38
05:00	00:00	1	0	1	9	13	55	63	40	10	3	1	0	0	0	0	196	36-45	118
06:00	00:00	2	1	1	15	48	168	188	90	19	2	4	0	1	1	1	540	36-45	356
07:00	00:00	13	3	5	28	111	357	377	147	21	1	3	1	1	0	0	1068	36-45	734
08:00	00:00	11	2	3	20	110	305	279	95	16	3	2	2	1	1	1	850	36-45	584
09:00	00:00	4	0	2	21	66	188	236	93	19	0	2	2	1	2	2	636	36-45	424
10:00	00:00	8	2	3	21	106	260	223	61	12	3	0	0	0	0	0	699	36-45	483
11:00	00:00	6	0	3	34	81	250	242	109	34	20	1	4	1	2	2	787	36-45	492
12 PM	00:00	11	0	5	28	76	250	282	101	23	4	3	0	0	3	3	786	36-45	532
13:00	00:00	5	0	1	21	85	263	297	119	27	5	2	0	0	0	0	825	36-45	560
14:00	00:00	4	3	6	25	110	332	321	124	18	4	2	1	0	1	1	951	36-45	653
15:00	00:00	13	3	2	34	121	385	377	144	25	1	4	0	1	0	1	1110	36-45	762
16:00	00:00	13	1	10	21	130	402	470	129	20	2	0	4	2	5	5	1209	36-45	872
17:00	00:00	18	1	7	38	164	458	372	104	13	5	6	1	0	5	5	1192	36-45	830
18:00	00:00	17	0	5	40	131	324	275	80	6	4	0	1	2	2	889	36-45	599	
19:00	00:00	11	0	2	22	84	218	193	64	15	4	6	1	2	1	1	623	36-45	411
20:00	00:00	8	0	0	21	83	162	132	60	24	2	2	0	1	1	1	497	36-45	294
21:00	00:00	3	0	1	12	41	108	102	48	16	3	4	1	2	1	1	342	36-45	210
22:00	00:00	3	0	2	7	22	55	60	30	6	5	0	0	2	3	195	36-45	115	
23:00	00:00	1	0	0	4	15	34	21	9	7	4	2	0	1	0	0	98	36-45	55
Total		152	16	59	432	1633	4646	4598	1690	339	75	49	21	16	29	29	13755		
Percent		1.1%	0.11%	0.4%	3.1%	11.9%	33.8%	33.4%	12.3%	2.5%	0.5%	0.4%	0.1%	0.2%	0.2%	0.2%			
AM Peak		07:00	07:00	07:00	11:00	07:00	07:00	07:00	07:00	11:00	06:00	11:00	06:00	11:00	06:00	06:00	09:00	07:00	
Vol.		13	3	5	34	111	357	377	147	34	20	4	4	1	2	2	1068		
PM Peak		17:00	14:00	16:00	18:00	17:00	17:00	17:00	16:00	15:00	13:00	17:00	16:00	16:00	16:00	16:00	16:00	16:00	1209
Vol.		18	3	10	40	164	458	470	144	27	5	6	4	2	5	2			

CMT

8101 North High Street
Columbus, Ohio 45235

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75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

NB Shroyer, SB Shroyer		Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
02/05/16		00:00	0	0	1	2	6	14	16	2	1	0	0	0	0	0	58	40-49	32
01:00		00:00	0	0	0	2	6	11	9	4	2	1	0	0	0	0	35	36-45	20
02:00		00:00	0	0	1	2	4	7	4	4	0	0	0	0	0	0	22	41-50	11
03:00		00:00	0	0	1	1	6	8	7	3	0	1	0	0	0	0	27	39-48	15
04:00		00:00	0	0	1	1	6	16	9	6	1	0	0	0	0	0	40	41-50	25
05:00		01:00	0	3	1	12	23	42	21	11	3	2	0	0	0	2	121	36-45	65
06:00		02:00	0	1	8	31	87	108	79	29	8	2	1	1	1	2	360	36-45	195
07:00		03:00	16	1	14	68	211	259	138	60	8	2	4	1	4	4	787	36-45	470
08:00		04:00	9	1	2	14	44	162	197	123	39	15	5	2	4	3	620	36-45	359
09:00		05:00	7	0	3	8	44	153	193	125	30	10	3	6	0	3	585	36-45	346
10:00		06:00	5	0	3	14	45	139	292	181	52	11	4	2	0	0	748	41-50	473
11:00		07:00	3	1	3	11	48	198	357	186	28	8	2	0	0	0	845	36-45	555
12 PM		08:00	7	6	6	20	68	188	348	190	41	5	1	2	0	0	882	40-49	538
13:00		09:00	1	4	4	15	55	203	346	236	44	9	0	0	0	2	919	41-50	582
14:00		10:00	4	3	7	21	97	276	391	208	36	6	0	0	0	0	1049	36-45	667
15:00		11:00	8	1	8	22	90	345	505	192	21	3	0	2	1	2	1200	36-45	850
16:00		12:00	13	4	11	28	106	399	517	167	24	2	1	0	0	2	1275	36-45	916
17:00		13:00	13	6	9	29	167	485	439	105	10	2	1	1	0	3	1270	36-45	924
18:00		14:00	11	0	6	27	130	403	351	74	9	3	0	1	1	0	1016	36-45	754
19:00		15:00	4	0	4	13	84	263	239	69	15	1	0	2	1	1	696	36-45	502
20:00		16:00	5	0	0	14	81	194	236	60	12	0	0	0	0	2	604	36-45	430
21:00		17:00	4	1	4	15	47	180	149	54	8	5	2	0	1	0	470	36-45	329
22:00		18:00	2	0	2	13	48	139	94	49	10	2	4	3	0	3	369	36-45	233
23:00		19:00	2	0	1	6	26	83	78	37	6	2	2	1	0	0	244	36-45	161
Total		118	28	79	300	1307	4172	5197	2334	502	106	32	28	10	29	14242			
Percent		0.8%	0.2%	0.6%	2.1%	9.2%	29.3%	36.5%	16.4%	3.5%	0.7%	0.2%	0.1%	0.2%					
AM Peak Vol.		07:00	07:00	05:00	07:00	07:00	07:00	07:00	11:00	11:00	07:00	08:00	08:00	09:00	08:00	07:00	11:00		
PM Peak Vol.		16:00	12:00	16:00	16:00	17:00	17:00	16:00	13:00	13:00	13:00	13:00	13:00	13:00	15:00	17:00	16:00		
		13	6	11	29	167	485	517	236	44	9	22:00	22:00	3	1	3	1275		

CMT

8101 North High Street
Columbus, Ohio 45235

75ft north of Lonsdale
Site Code: LONSDALE
Station ID: Untitled S
Date Start: 31-Jan-16
Date End: 08-Feb-16

AM Peak Vol.	PM Peak Vol.	Total	610	164	420	1872	7612	24271	28134	11004	2055	371	130	65	33	108	76849										
Percent	0.8%	Percent	0.2%	Percent	0.5%	Percent	2.4%	Percent	9.9%	Percent	31.6%	Percent	36.6%	Percent	14.3%	Percent	2.7%	Percent	0.5%	Percent	0.2%	Percent	0.1%	Percent	0.0%	Percent	0.1%

	10 MPH Pace Speed	36-45 MPH
Number in Pace	52405	52405
Percent in Pace	68.2%	68.2%
Number of Vehicles > 35 MPH	66171	66171
Percent of Vehicles > 35 MPH	86.1%	86.1%
Mean Speed(Average)		41 MPH

CMT

8101 North High Street
Columbus, Ohio 45235

Page 2

Site Code: 25EAST

Station ID:

SHROYERLONSDALE_VOL

Date Start: 31-Jan-16

Date End: 08-Feb-16

Start Time	01-Feb-16 Mon	NB Shroyer		Hour Totals		SB Shroyer		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		9	118			9	106				
12:15		4	108			7	101				
12:30		2	104			3	108				
12:45		5	110	20	440	6	115	25	430	45	870
01:00		4	126			4	98				
01:15		2	140			2	127				
01:30		2	111			3	140				
01:45		5	114	13	491	4	111	13	476	26	967
02:00		7	139			5	126				
02:15		2	131			5	101				
02:30		1	130			4	143				
02:45		4	123	14	523	1	116	15	486	29	1009
03:00		4	145			2	146				
03:15		7	146			7	138				
03:30		4	167			3	150				
03:45		4	161	19	619	2	136	14	570	33	1189
04:00		3	144			1	148				
04:15		6	146			7	153				
04:30		17	165			6	182				
04:45		20	190	46	645	10	172	24	655	70	1300
05:00		21	179			16	197				
05:15		32	185			27	150				
05:30		25	167			24	177				
05:45		47	139	125	670	26	137	93	661	218	1331
06:00		57	145			30	158				
06:15		70	134			57	120				
06:30		101	106			63	117				
06:45		82	88	310	473	74	111	224	506	534	979
07:00		144	82			90	100				
07:15		200	69			141	96				
07:30		172	90			170	109				
07:45		144	63	660	304	129	108	530	413	1190	717
08:00		144	65			109	82				
08:15		116	73			105	64				
08:30		114	57			103	74				
08:45		108	41	482	236	84	63	401	283	883	519
09:00		102	48			69	64				
09:15		120	35			76	55				
09:30		99	39			72	58				
09:45		104	26	425	148	88	43	305	220	730	368
10:00		87	33			84	34				
10:15		98	30			99	28				
10:30		99	18			101	31				
10:45		95	10	379	91	86	19	370	112	749	203
11:00		110	21			101	23				
11:15		111	16			89	17				
11:30		118	17			93	16				
11:45		124	16	463	70	113	12	396	68	859	138
Total		2956	4710			2410	4880			5366	9590
Percent		38.6%	61.4%			33.1%	66.9%			35.9%	64.1%

CMT

8101 North High Street
Columbus, Ohio 45235

Page 3

Site Code: 25EAST

Station ID:

SHROYERLONSDALE_VOL

Date Start: 31-Jan-16

Date End: 08-Feb-16

Start Time	02-Feb-16 Tue	NB Shroyer		Hour Totals		SB Shroyer		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		6	120			17	112				
12:15		7	108			9	119				
12:30		5	115			9	87				
12:45		8	117	26	460	12	130	47	448	73	908
01:00		7	102			8	122				
01:15		3	100			4	106				
01:30		6	119			4	101				
01:45		4	115	20	436	5	106	21	435	41	871
02:00		3	131			4	112				
02:15		8	112			0	135				
02:30		6	120			5	126				
02:45		6	127	23	490	3	135	12	508	35	998
03:00		5	139			3	164				
03:15		7	164			1	132				
03:30		4	148			3	163				
03:45		4	127	20	578	3	154	10	613	30	1191
04:00		3	154			3	159				
04:15		6	179			2	162				
04:30		13	181			5	167				
04:45		16	182	38	696	8	189	18	677	56	1373
05:00		22	216			7	146				
05:15		32	205			13	162				
05:30		42	152			19	149				
05:45		26	137	122	710	23	165	62	622	184	1332
06:00		57	122			44	127				
06:15		62	110			46	123				
06:30		104	123			63	98				
06:45		101	106	324	461	77	124	230	472	554	933
07:00		129	77			99	133				
07:15		210	64			113	89				
07:30		158	68			151	97				
07:45		149	77	646	286	124	91	487	410	1133	696
08:00		141	48			110	93				
08:15		118	74			105	87				
08:30		115	51			113	77				
08:45		84	67	458	240	89	69	417	326	875	566
09:00		93	53			77	79				
09:15		89	38			84	65				
09:30		100	44			80	50				
09:45		104	26	386	161	73	48	314	242	700	403
10:00		100	37			77	43				
10:15		98	35			76	41				
10:30		84	29			102	37				
10:45		85	16	367	117	102	33	357	154	724	271
11:00		104	14			95	32				
11:15		99	15			94	20				
11:30		130	14			112	16				
11:45		110	5	443	48	108	13	409	81	852	129
Total		2873	4683			2384	4988			5257	9671
Percent		38.0%	62.0%			32.3%	67.7%			35.2%	64.8%

CMT

8101 North High Street
Columbus, Ohio 45235

Page 4

Site Code: 25EAST

Station ID:

SHROYERLONSDALE_VOL

Date Start: 31-Jan-16

Date End: 08-Feb-16

Start Time	03-Feb-16 Wed	NB Shroyer		Hour Totals		SB Shroyer		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		12	106			17	115				
12:15		6	116			10	123				
12:30		5	128			8	128				
12:45		8	102	31	452	8	110	43	476	74	928
01:00		5	134			4	110				
01:15		4	119			2	110				
01:30		8	128			5	111				
01:45		6	107	23	488	11	104	22	435	45	923
02:00		4	127			3	113				
02:15		7	122			3	140				
02:30		5	142			6	119				
02:45		2	129	18	520	2	141	14	513	32	1033
03:00		4	150			3	166				
03:15		5	181			4	150				
03:30		4	165			5	179				
03:45		5	144	18	640	2	141	14	636	32	1276
04:00		2	175			4	139				
04:15		7	154			4	147				
04:30		17	183			6	154				
04:45		14	160	40	672	8	179	22	619	62	1291
05:00		27	183			13	145				
05:15		40	198			19	170				
05:30		27	150			33	167				
05:45		46	156	140	687	26	170	91	652	231	1339
06:00		53	153			36	155				
06:15		72	154			61	133				
06:30		101	112			74	123				
06:45		96	103	322	522	79	133	250	544	572	1066
07:00		131	87			120	126				
07:15		217	66			138	118				
07:30		178	68			161	119				
07:45		156	87	682	308	123	97	542	460	1224	768
08:00		129	79			125	104				
08:15		129	59			107	82				
08:30		129	53			106	95				
08:45		100	55	487	246	100	86	438	367	925	613
09:00		102	53			83	74				
09:15		100	35			83	75				
09:30		107	38			92	58				
09:45		91	35	400	161	79	64	337	271	737	432
10:00		94	24			77	41				
10:15		96	35			85	42				
10:30		98	27			101	35				
10:45		99	25	387	111	87	35	350	153	737	264
11:00		113	20			99	28				
11:15		113	14			112	32				
11:30		89	18			137	20				
11:45		115	10	430	62	113	16	461	96	891	158
Total		2978	4869			2584	5222			5562	10091
Percent		38.0%	62.0%			33.1%	66.9%			35.5%	64.5%

CMT

8101 North High Street
Columbus, Ohio 45235

Page 5

Site Code: 25EAST

Station ID:

SHROYERLONSDALE_VOL

Date Start: 31-Jan-16

Date End: 08-Feb-16

Start Time	04-Feb-16 Thu	NB Shroyer		Hour Totals		SB Shroyer		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		8	103			22	80				
12:15		9	131			16	104				
12:30		9	107			9	91				
12:45		8	120	34	461	8	94	55	369	89	830
01:00		10	91			8	107				
01:15		2	103			8	96				
01:30		11	114			1	123				
01:45		7	116	30	424	7	112	24	438	54	862
02:00		4	122			3	124				
02:15		5	141			3	128				
02:30		2	110			2	114				
02:45		7	130	18	503	1	129	9	495	27	998
03:00		6	150			3	157				
03:15		7	171			4	140				
03:30		4	154			2	145				
03:45		7	152	24	627	3	114	12	556	36	1183
04:00		7	141			0	147				
04:15		6	144			3	156				
04:30		15	185			5	155				
04:45		14	202	42	672	9	159	17	617	59	1289
05:00		24	213			10	155				
05:15		33	173			22	156				
05:30		25	161			27	148				
05:45		35	141	117	688	22	148	81	607	198	1295
06:00		56	112			45	129				
06:15		87	119			52	131				
06:30		88	151			65	105				
06:45		87	84	318	466	78	107	240	472	558	938
07:00		137	93			94	86				
07:15		192	82			143	92				
07:30		155	72			166	85				
07:45		142	70	626	317	108	87	511	350	1137	667
08:00		140	69			117	80				
08:15		128	66			103	60				
08:30		125	62			98	67				
08:45		98	59	491	256	80	55	398	262	889	518
09:00		86	59			77	68				
09:15		94	43			78	46				
09:30		101	36			72	44				
09:45		86	35	367	173	63	34	290	192	657	365
10:00		85	32			75	37				
10:15		113	35			73	21				
10:30		107	22			94	22				
10:45		107	25	412	114	78	14	320	94	732	208
11:00		100	15			87	19				
11:15		113	22			100	8				
11:30		107	16			102	8				
11:45		119	12	439	65	93	4	382	39	821	104
Total		2918	4766			2339	4491			5257	9257
Percent		38.0%	62.0%			34.2%	65.8%			36.2%	63.8%

CMT

8101 North High Street
Columbus, Ohio 45235

Page 6

Site Code: 25EAST

Station ID:

SHROYERLONSDALE_VOL

Date Start: 31-Jan-16

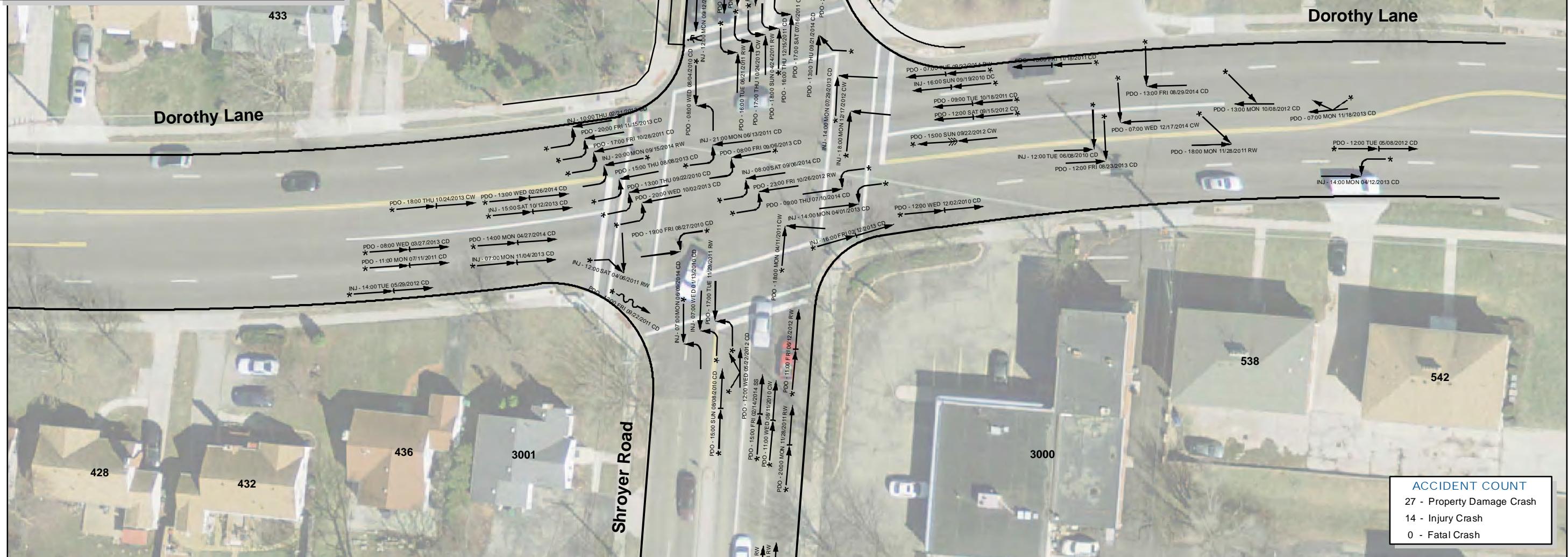
Date End: 08-Feb-16

Start Time	05-Feb-16 Fri	NB Shroyer		Hour Totals		SB Shroyer		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		10	128			10	120				
12:15		8	121			9	100				
12:30		6	116			5	111				
12:45		9	95	33	460	2	126	26	457	59	917
01:00		8	116			7	113				
01:15		6	137			3	101				
01:30		4	115			4	130				
01:45		5	126	23	494	1	122	15	466	38	960
02:00		5	121			0	117				
02:15		6	147			2	144				
02:30		5	149			0	139				
02:45		5	135	21	552	0	146	2	546	23	1098
03:00		6	157			1	141				
03:15		4	173			1	152				
03:30		11	166			0	148				
03:45		5	166	26	662	1	168	3	609	29	1271
04:00		4	149			0	170				
04:15		6	157			2	168				
04:30		15	176			1	167				
04:45		15	192	40	674	2	167	5	672	45	1346
05:00		24	204			3	168				
05:15		24	195			9	164				
05:30		21	171			13	149				
05:45		35	157	104	727	5	141	30	622	134	1349
06:00		50	160			11	158				
06:15		56	120			24	147				
06:30		107	125			30	130				
06:45		90	116	303	521	22	105	87	540	390	1061
07:00		115	77			50	114				
07:15		202	98			57	102				
07:30		206	75			82	86				
07:45		159	81	682	331	74	91	263	393	945	724
08:00		139	62			52	106				
08:15		109	69			57	111				
08:30		137	74			66	78				
08:45		102	52	487	257	46	76	221	371	708	628
09:00		101	48			42	87				
09:15		97	47			56	82				
09:30		93	38			61	75				
09:45		94	43	385	176	77	60	236	304	621	480
10:00		103	46			78	55				
10:15		103	49			92	46				
10:30		109	44			93	53				
10:45		113	41	428	180	86	47	349	201	777	381
11:00		113	30			88	32				
11:15		111	30			109	34				
11:30		128	28			95	38				
11:45		116	35	468	123	126	24	418	128	886	251
Total		3000	5157			1655	5309			4655	10466
Percent		36.8%	63.2%			23.8%	76.2%			30.8%	69.2%

Shroyer Road Safety Study

APPENDIX D: CRASH DIAGRAMS





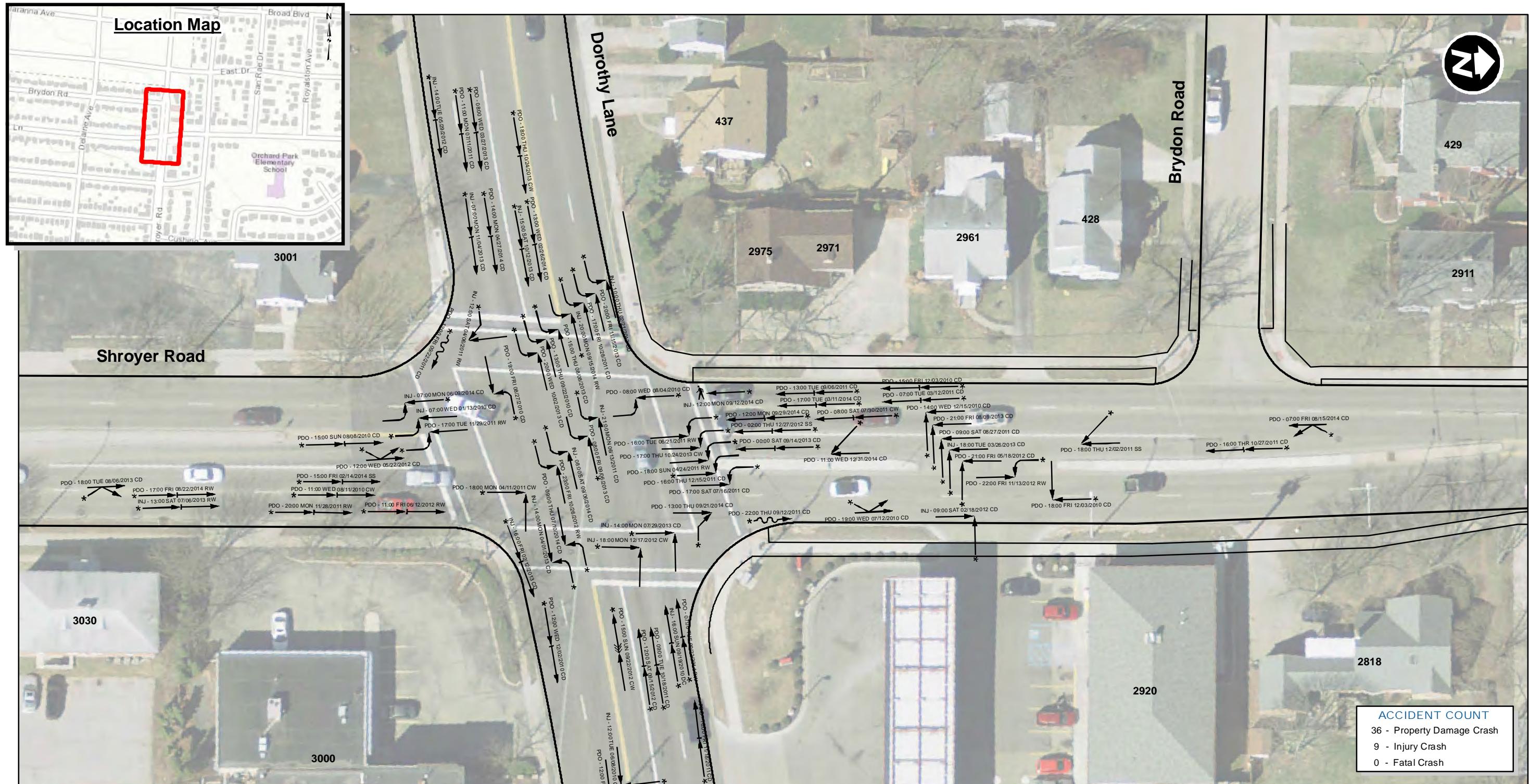
LEGEND

TYPES OF CRASHES	SYMBOLS	WEATHER CONDITION	ROAD CONDITION	SEVERITY
Rear End	→	Moving Vehicle	X Not Stated	PDO - Property Damage Only
Right Angle	↔	Stopped Vehicle	C Clear	INJ - Injury
Side Swipe	⤒	Bicycle	R Rain	FAT - Fatal
Out of Control	⤓⤓	Pedstrian	S Snow	
Left Turn	⤓⤓⤓	Animal	F Fog	
Head On	⤓⤓⤓⤓	Vehicle at Fault	H Heavy Wind	

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

CRASH DIAGRAM

LOG POINT 2.933 TO 3.039
 PERIOD 5 Years FROM 2010 TO 2014
 JURISDICTION Kettering / Oakwood
 ROUTE NAME / NUMBER Dorothy Lane / CR-612



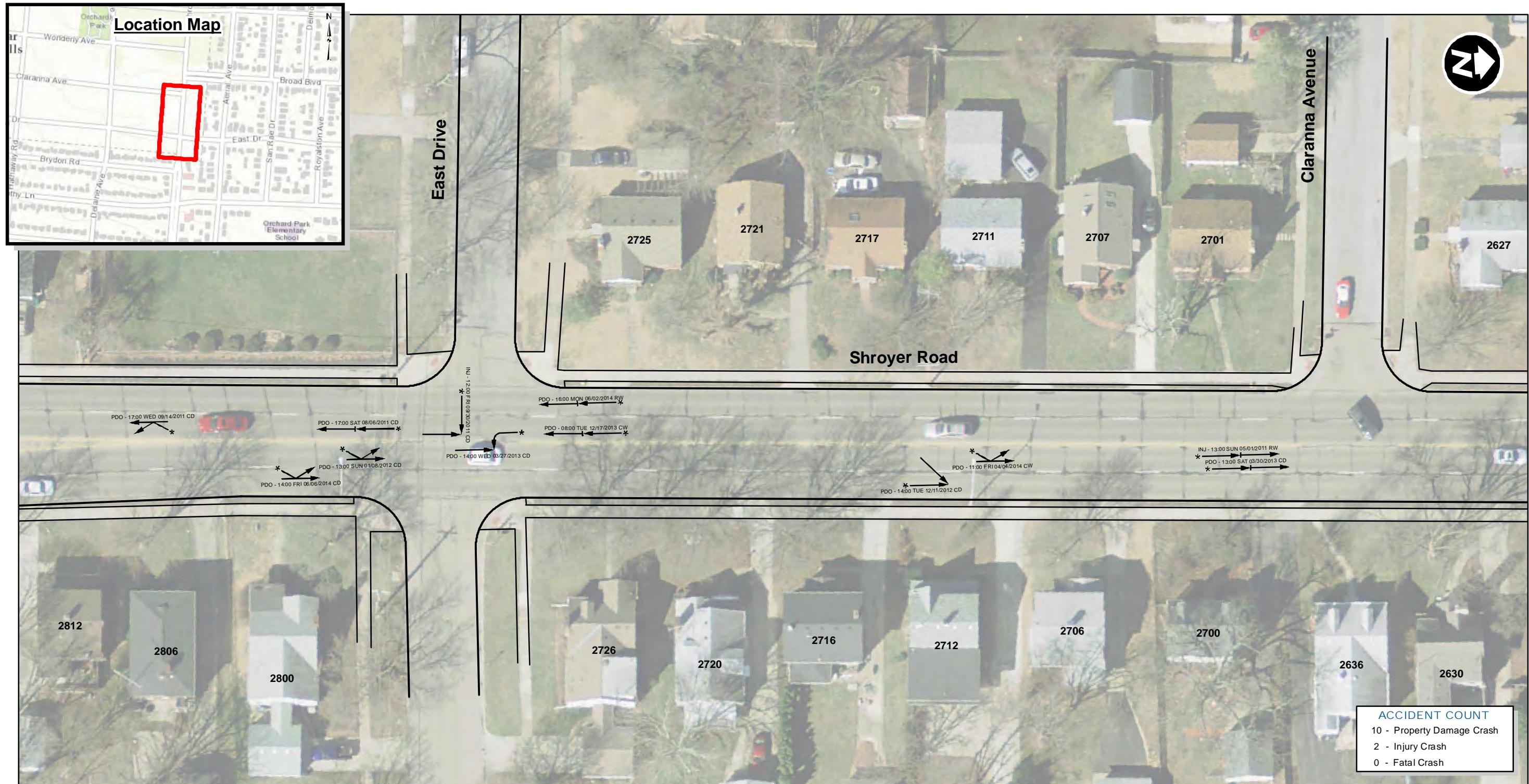
LEGEND

TYPES OF CRASHES	SYMBOLS	WEATHER CONDITION	ROAD CONDITION	SEVERITY
Rear End	→ →	Moving Vehicle	X	PDO - Property Damage Only
Right Angle	→ ↓	Stopped Vehicle	C	INJ - Injury
Side Swipe	↔ →	Bicycle	R	FAT - Fatal
Out of Control	~~→	Pedestrian	S	
Left Turn	→ ↗	Animal	F	
Head On	→ ←	Vehicle at Fault	H	

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

CRASH DIAGRAM

LOG POINT 1.469 TO 1.583
 PERIOD 5 Years FROM 2010 TO 2014
 JURISDICTION Kettering / Oakwood
 ROUTE NAME / NUMBER Shroyer Road / CR-609



LEGEND

TYPES OF CRASHES	SYMBOLS	WEATHER CONDITION	ROAD CONDITION	SEVERITY
Rear End	→	Moving Vehicle	X Not Stated	PDO - Property Damage Only
Right Angle	↔	Stopped Vehicle	C Clear	INJ - Injury
Side Swipe	⤒⤓	Bicycle	R Rain	FAT - Fatal
Out of Control	⤒⤓	Pedstrian	S Snow	
Left Turn	⤒⤓	Animal	F Fog	
Head On	⤒⤓	Vehicle at Fault	H Heavy Wind	

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

CRASH DIAGRAM

LOG POINT 1.583 TO 1.698

PERIOD 5 Years FROM 2010 TO 2014

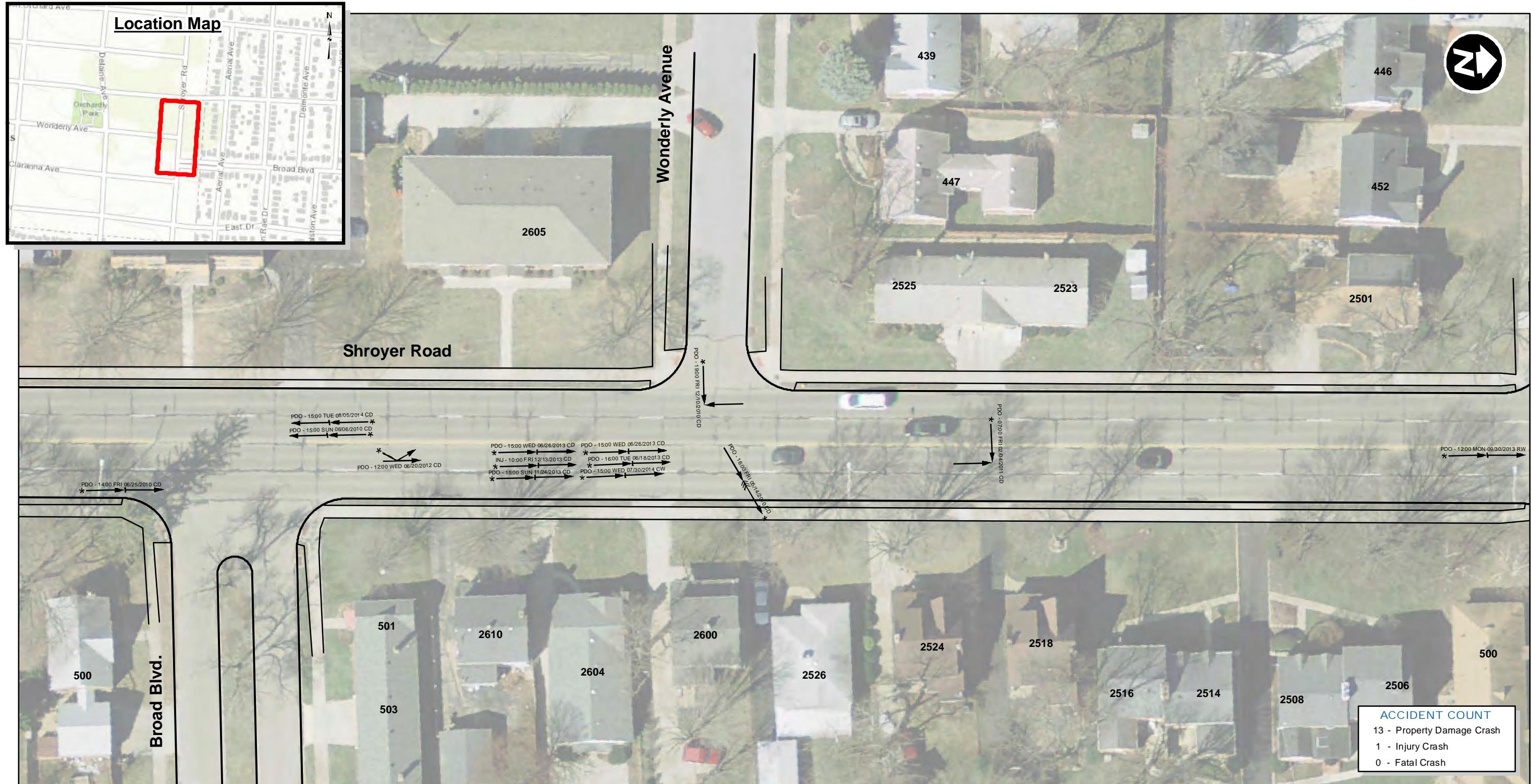
JURISDICTION Kettering / Oakwood

ROUTE NAME / NUMBER Shroyer Road / CR-609



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DATE: December 15, 2015 PAGE: 03 of 11

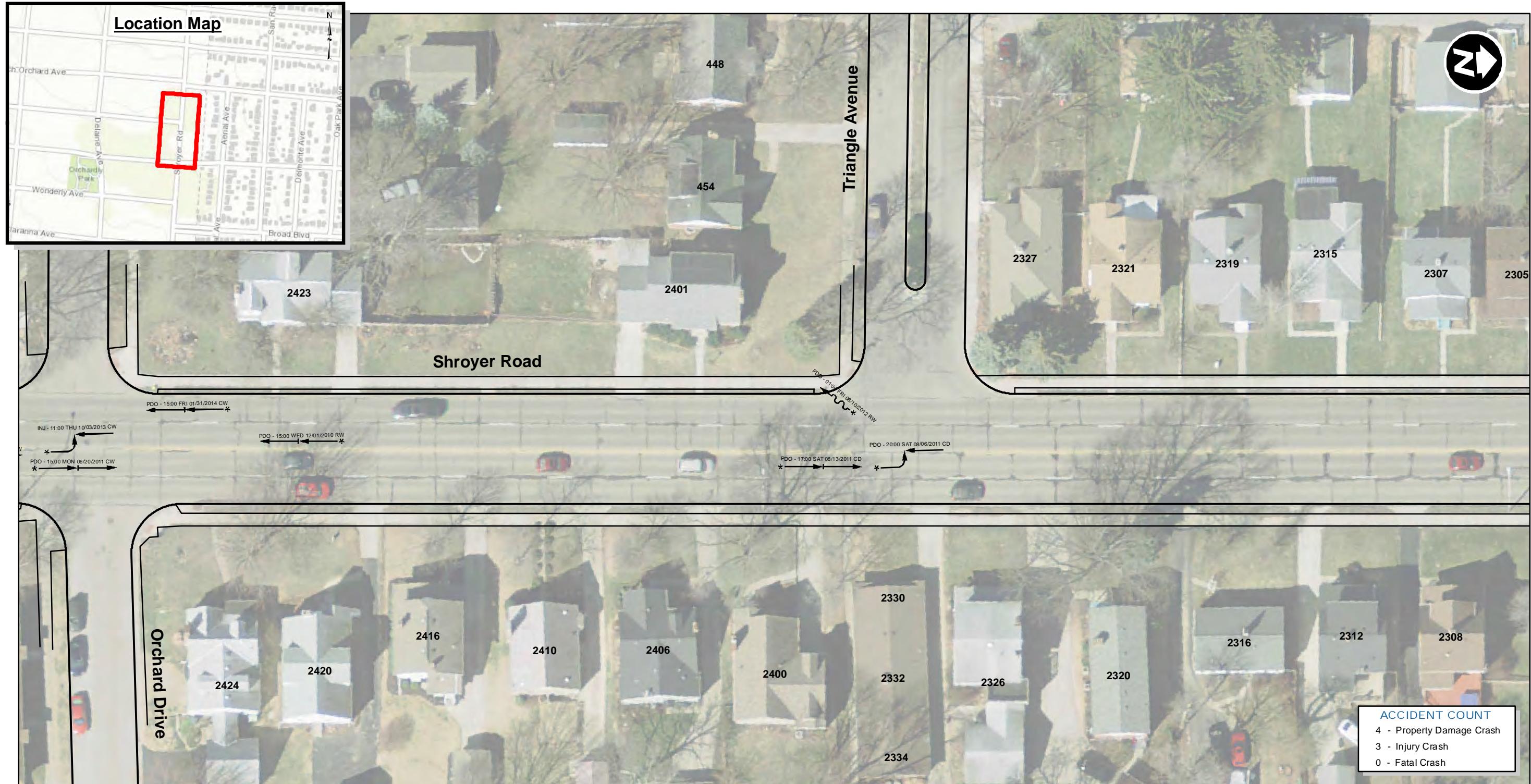


LEGEND

TYPES OF CRASHES	SYMBOLS	WEATHER CONDITION	ROAD CONDITION	SEVERITY
Rear End	→ →	Moving Vehicle	X Not Stated	PDO - Property Damage Only
Right Angle	→ ↓	Stopped Vehicle	C Clear	INJ - Injury
Side Swipe	↗ ↘	Bicycle	R Rain	FAT - Fatal
Out of Control	~~~~~	Pedstrian	S Snow	
Left Turn	↙ ↗	Animal	F Fog	
Head On	↔ ↔	Vehicle at Fault	H Heavy Wind	M Mud/Sand

CRASH DIAGRAM

LOG POINT 1.698 TO 1.812
 PERIOD 5 Years FROM 2010 TO 2014
 JURISDICTION Kettering / Oakwood
 ROUTE NAME / NUMBER Shroyer Road / CR-609



LEGEND

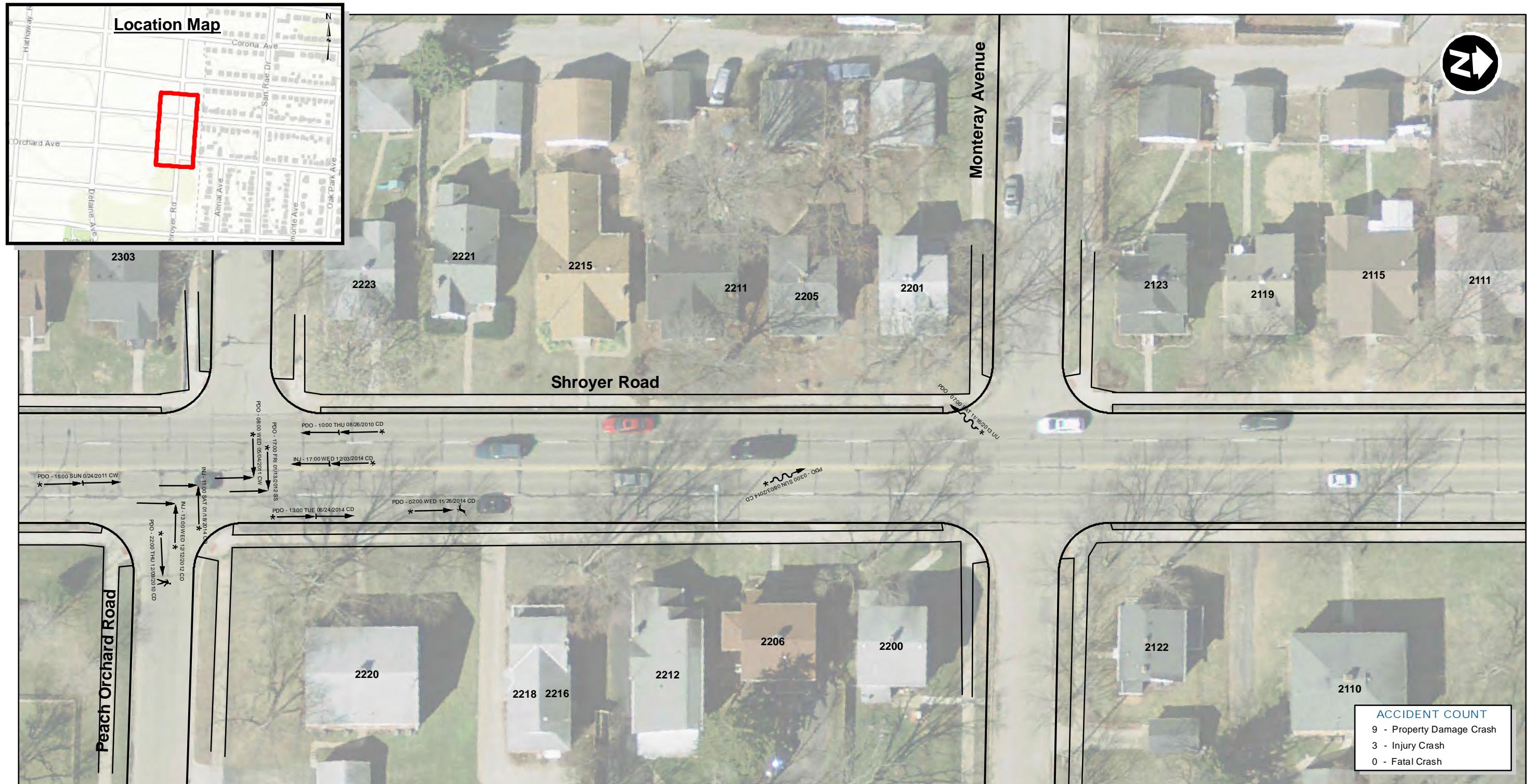
TYPES OF CRASHES	SYMBOLS
Rear End	→
Right Angle	↔
Side Swipe	⤒
Out of Control	⤓
Left Turn	⤔
Head On	⤕
Vehicle at Fault	*

WEATHER CONDITION	ROAD CONDITION	SEVERITY
X Not Stated	X Not Stated	PDO - Property Damage Only
C Clear	D Dry	INJ - Injury
R Rain	W Wet	FAT - Fatal
S Snow	S Snow	
F Fog	I Ice	
H Heavy Wind	M Mud/Sand	

CRASH DIAGRAM

LOG POINT 1.812 TO 1.926
 PERIOD 5 Years FROM 2010 TO 2014
 JURISDICTION Kettering / Oakwood
 ROUTE NAME / NUMBER Shroyer Road / CR-609



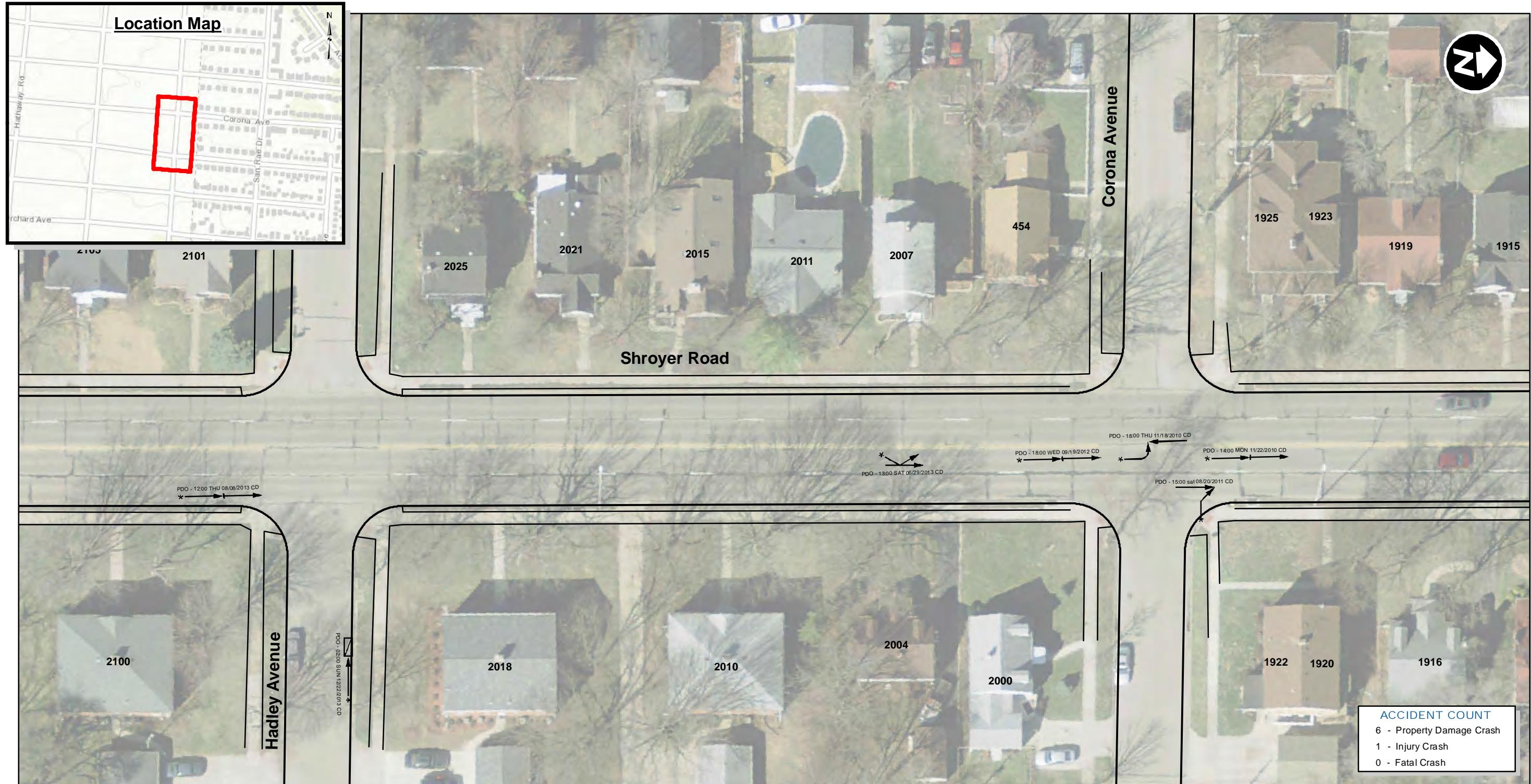


LEGEND

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

CRASH DIAGRAM

LOG POINT 1.926 TO 2.039
 PERIOD 5 Years FROM 2010 TO 2014
 JURISDICTION Kettering / Oakwood
 ROUTE NAME / NUMBER Shroyer Road / CR-609



LEGEND

TYPES OF CRASHES	SYMBOLS	WEATHER CONDITION	ROAD CONDITION	SEVERITY
Rear End	→	Moving Vehicle	X Not Stated	PDO - Property Damage Only
Right Angle	↔	Stopped Vehicle	C Clear	INJ - Injury
Side Swipe	⤒⤓	Bicycle	R Rain	FAT - Fatal
Out of Control	⤒⤓	Pedstrian	S Snow	
Left Turn	⤒⤓	Animal	F Fog	
Head On	⤒⤓	Vehicle at Fault	H Heavy Wind	
	*		M Mud/Sand	

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

CRASH DIAGRAM

LOG POINT 2.039 TO 2.153

PERIOD 5 Years FROM 2010 TO 2014

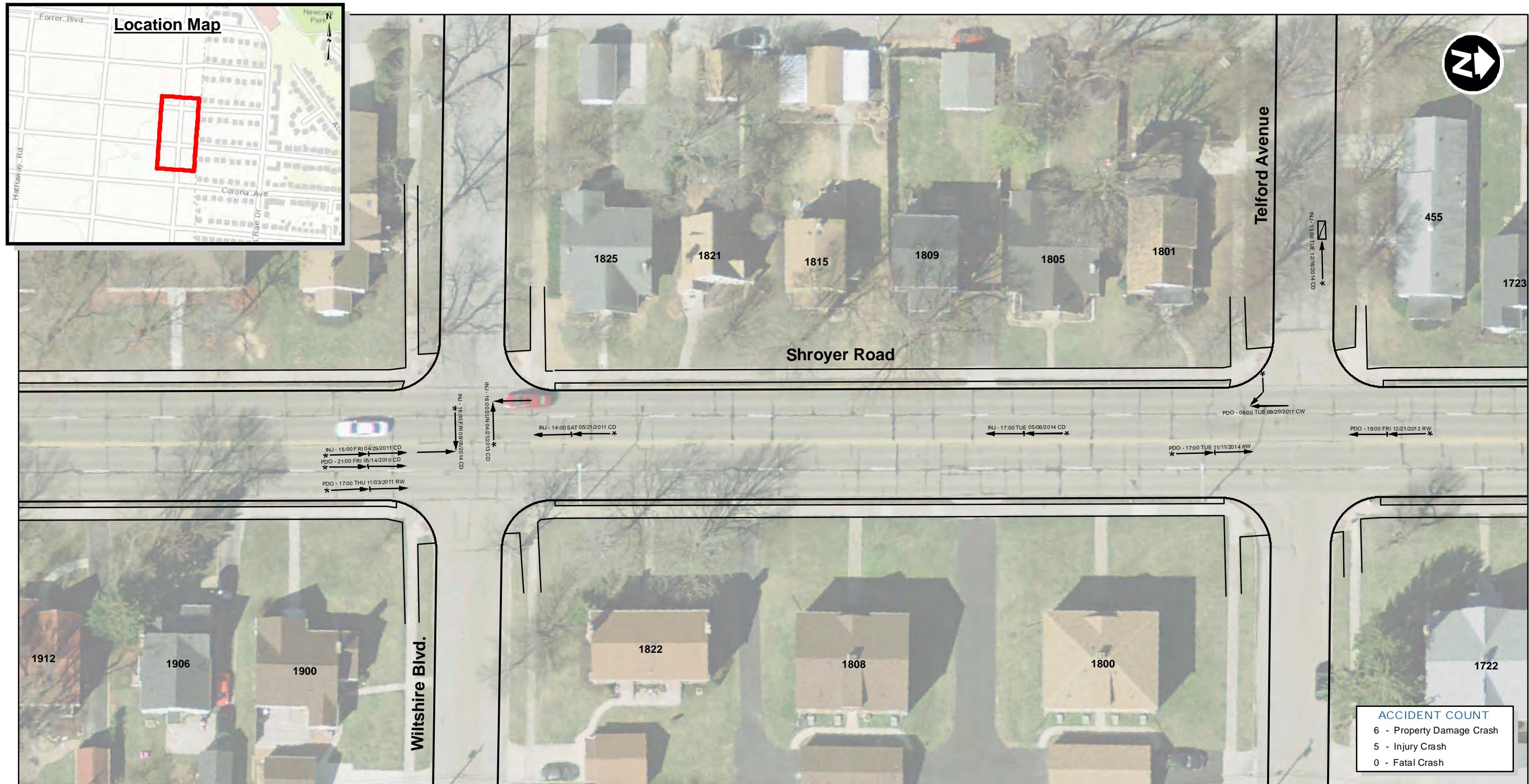
JURISDICTION Kettering / Oakwood

ROUTE NAME / NUMBER Shroyer Road / CR-609



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DATE: December 15, 2015 PAGE: 07 of 11



LEGEND

TYPES OF CRASHES	SYMBOLS	WEATHER CONDITION	ROAD CONDITION	SEVERITY
Rear End	→	Moving Vehicle	X Not Stated	PDO - Property Damage Only
Right Angle	↔	Stopped Vehicle	C Clear	INJ - Injury
Side Swipe	⤒⤓	Bicycle	R Rain	FAT - Fatal
Out of Control	⤒⤓	Pedstrian	S Snow	
Left Turn	⤒⤓	Animal	F Fog	
Head On	⤒⤓	Vehicle at Fault	H Heavy Wind	
	*		M Mud/Sand	

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

CRASH DIAGRAM

LOG POINT 2.153 TO 2.267

PERIOD 5 Years FROM 2010 TO 2014

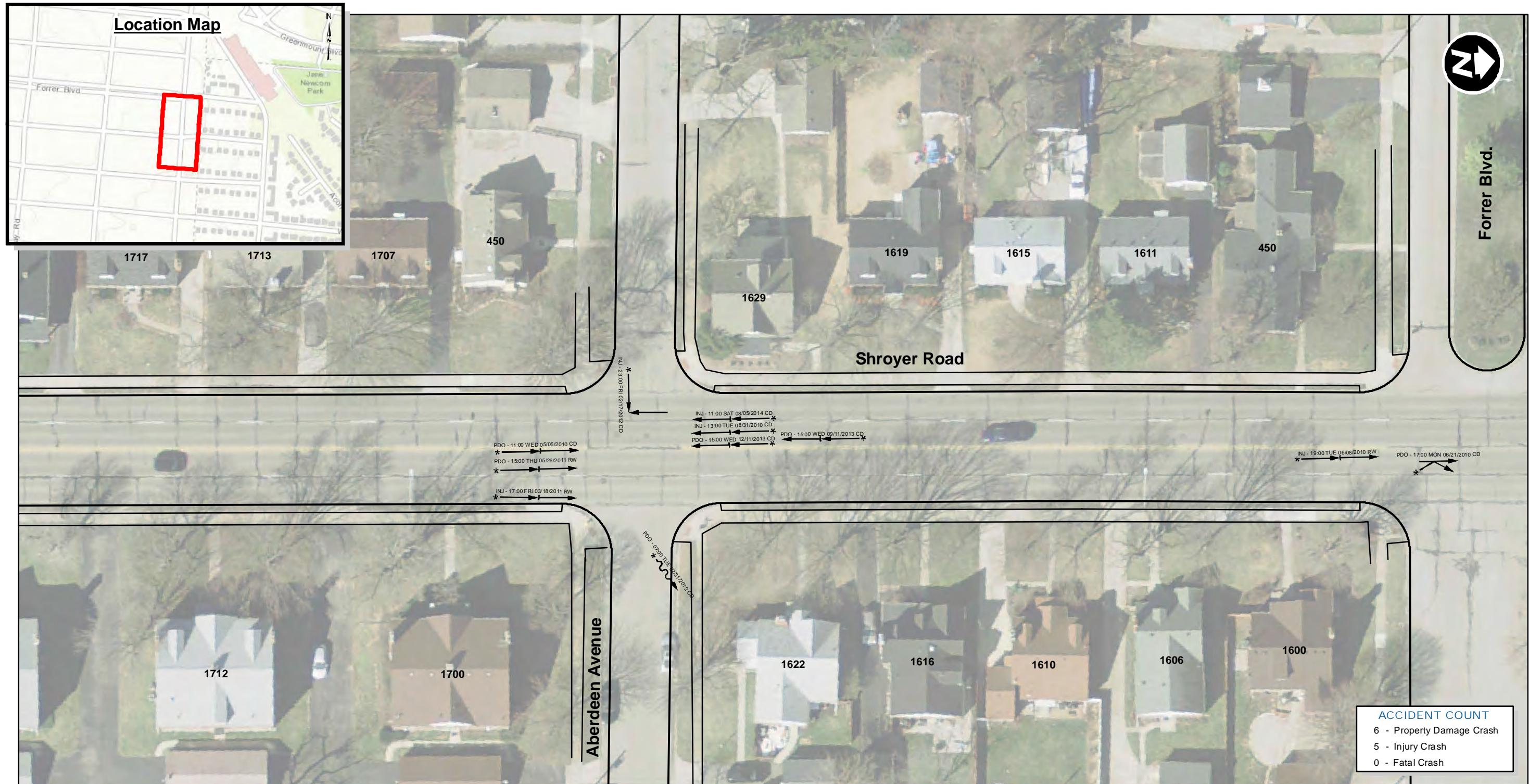
JURISDICTION Kettering / Oakwood

ROUTE NAME / NUMBER Shroyer Road / CR-609



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DATE: December 15, 2015 PAGE: 08 of 11

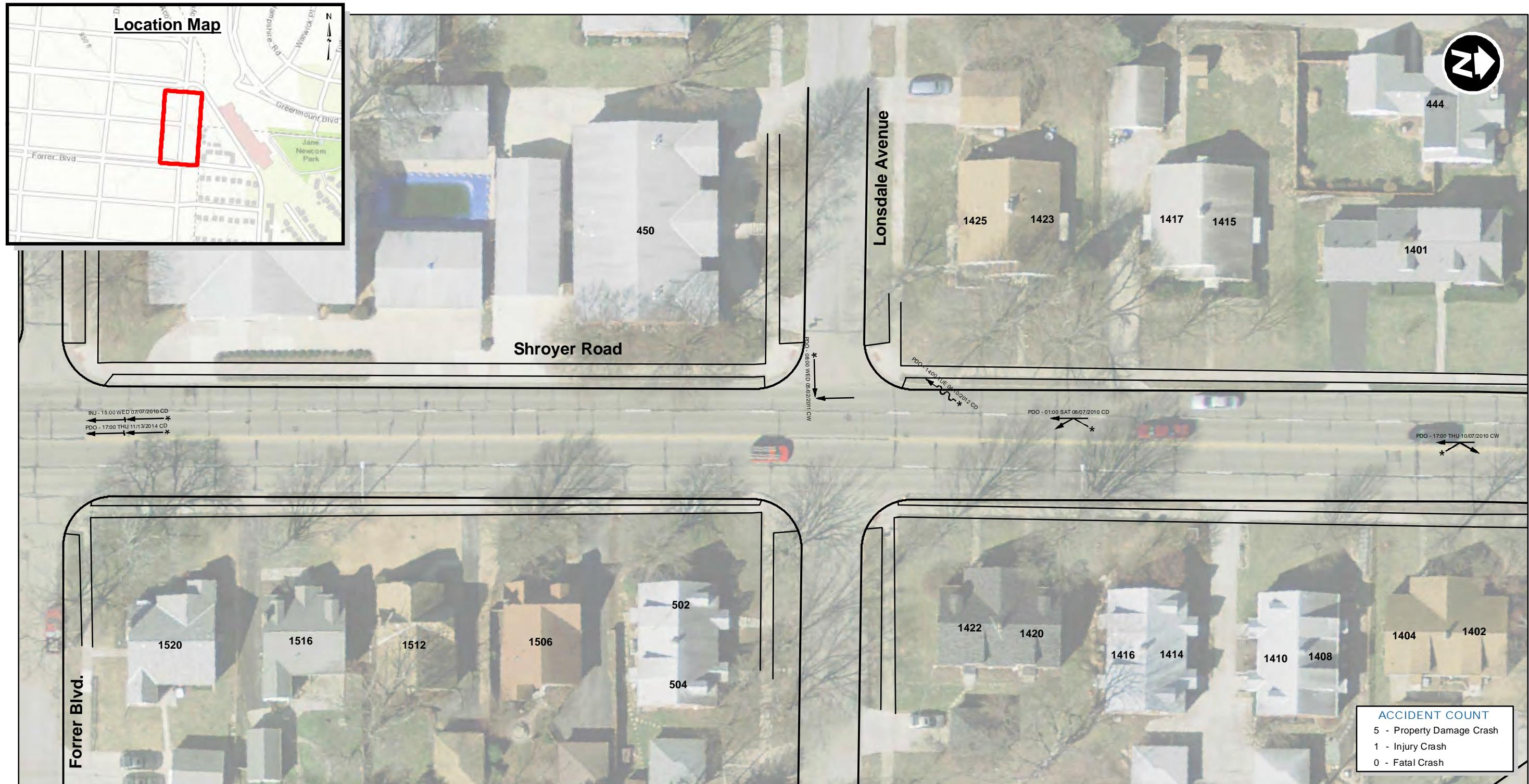


LEGEND

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

CRASH DIAGRAM

LOG POINT 2.267 TO 2.381
 PERIOD 5 Years FROM 2010 TO 2014
 JURISDICTION Kettering / Oakwood
 ROUTE NAME / NUMBER Shroyer Road / CR-609

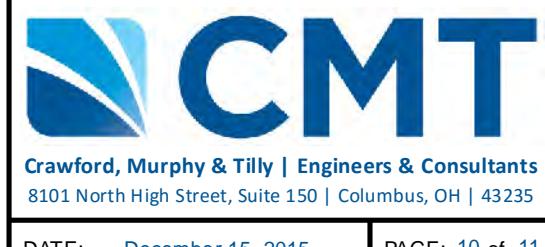


LEGEND

TYPES OF CRASHES	SYMBOLS	WEATHER CONDITION	ROAD CONDITION	SEVERITY
Rear End	→ →	Moving Vehicle	X Not Stated	PDO - Property Damage Only
Right Angle	→ ←	Stopped Vehicle	C Clear	INJ - Injury
Side Swipe	↔ →	Bicycle	R Rain	FAT - Fatal
Out of Control	↔ ↔	Pedstrian	S Snow	
Left Turn	→ ↗	Animal	F Fog	
Head On	→ ←	Vehicle at Fault	H Heavy Wind	

CRASH DIAGRAM

LOG POINT 2.381 TO 2.494
 PERIOD 5 Years FROM 2010 TO 2014
 JURISDICTION Kettering / Oakwood
 ROUTE NAME / NUMBER Shroyer Road / CR-609





LEGEND

TYPES OF CRASHES	SYMBOLS	WEATHER CONDITION	ROAD CONDITION	SEVERITY
Rear End	→	Moving Vehicle	X Not Stated	PDO - Property Damage Only
Right Angle	↔	Stopped Vehicle	C Clear	INJ - Injury
Side Swipe	⤒⤓	Bicycle	R Rain	FAT - Fatal
Out of Control	⤒⤓	Pedstrian	S Snow	
Left Turn	⤒⤓	Animal	F Fog	
Head On	⤒⤓	Vehicle at Fault	H Heavy Wind	

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

CRASH DIAGRAM

LOG POINT 2.494 TO 2.609
 PERIOD 5 Years FROM 2010 TO 2014
 JURISDICTION Kettering / Oakwood
 ROUTE NAME / NUMBER Shroyer Road / CR-609

Shroyer Road Safety Study

APPENDIX E: CAPACITY ANALYSIS



CAPACITY ANALYSIS

Capacity analyses were performed for 2 conditions using the Highway Capacity Software 2010 (HCS 2010) methodology:

- Existing Conditions. Existing conditions represent the existing 4-lane roadway section of Shroyer Road. Side streets are stop control and yield to traffic on Shroyer Road.
- 3-lane section. Side streets are stop control and yield to traffic on Shroyer Road.

Existing traffic volumes are not expected to increase thus design years in the future were not evaluated.

Intersection capacity was evaluated to assess existing operating conditions and to identify critical deficiencies that may contribute to safety issues. Analyses were prepared using existing peak hour traffic volumes at three of the highest volume, unsignalized intersections within the study area. Levels of service were determined for unsignalized intersections within the study area.

Intersections are graded using a level of service (LOS) designation expressed in terms of letter grades. Level of service is a quality measure describing operational conditions with a traffic stream with LOS A representing the highest quality traffic flow and minimal delay, and LOS F representing poor traffic operations, significant delay, and substantial queuing. Level of service is defined in terms of vehicle delay, as published in the Highway Capacity Manual (Transportation Research Board, 2010). Levels of service thresholds for signalized intersections have been summarized in **Table 1E**.

TABLE 1E: LEVEL OF SERVICE THRESHOLDS

Level of Service (LOS)	Unsignalized Intersection Delay per Vehicle (seconds)
A	≤ 10
B	>10 and ≤ 15
C	>15 and ≤ 25
D	>25 and ≤ 35
E	> 35 and ≤ 50
F	>0

TWO-WAY STOP CONTROL SUMMARY							
General Information				Site Information			
Analyst	RMM			Intersection	SHROYER & CLARANNA		
Agency/Co.	CMT			Jurisdiction			
Date Performed	3/2/2016			Analysis Year	2015		
Analysis Time Period	PM PEAK						
Project Description	SHROYER 4-LANES						
East/West Street:	CLARANNA			North/South Street:	SHROYER		
Intersection Orientation:	North-South			Study Period (hrs):	0.25		
Vehicle Volumes and Adjustments							
Major Street	Northbound			Southbound			
Movement	1	2	3	4	5	6	
	L	T	R	L	T	R	
Volume (veh/h)	14	786			819	14	
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR (veh/h)	15	854	0	0	890	15	
Percent Heavy Vehicles	2	--	--	2	--	--	
Median Type	Undivided						
RT Channelized			0			0	
Lanes	0	2	0	0	2	0	
Configuration	LT	T			T	TR	
Upstream Signal		0			0		
Minor Street	Eastbound			Westbound			
Movement	7	8	9	10	11	12	
	L	T	R	L	T	R	
Volume (veh/h)	11		21				
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR (veh/h)	11	0	22	0	0	0	
Percent Heavy Vehicles	2	2	2	2	2	2	
Percent Grade (%)	0			0			
Flared Approach		N			N		
Storage		0			0		
RT Channelized			0			0	
Lanes	0	0	0	0	0	0	
Configuration		LR					
Delay, Queue Length, and Level of Service							
Approach	Northbound	Southbound	Westbound			Eastbound	
Movement	1	4	7	8	9	10	11 12
Lane Configuration	LT						LR
v (veh/h)	15						33
C (m) (veh/h)	747						284
v/c	0.02						0.12
95% queue length	0.06						0.39
Control Delay (s/veh)	9.9						19.3
LOS	A					C	
Approach Delay (s/veh)	--	--				19.3	
Approach LOS	--	--				C	

TWO-WAY STOP CONTROL SUMMARY							
General Information				Site Information			
Analyst	RMM			Intersection	SHROYER & CLARANNA		
Agency/Co.	CMT			Jurisdiction			
Date Performed	3/2/2016			Analysis Year	2015		
Analysis Time Period	PM PEAK						
Project Description	SHROYER 3-LANES						
East/West Street:	CLARANNA			North/South Street:	SHROYER		
Intersection Orientation:	North-South			Study Period (hrs):	0.25		
Vehicle Volumes and Adjustments							
Major Street		Northbound			Southbound		
Movement		1	2	3	4	5	6
		L	T	R	L	T	R
Volume (veh/h)	14	786				819	14
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR (veh/h)	15	854	0	0	890	15	
Percent Heavy Vehicles	2	--	--	2	--	--	--
Median Type		Undivided					
RT Channelized			0				0
Lanes	1	1	0	0	1	0	
Configuration	L	T					TR
Upstream Signal		0				0	
Minor Street		Eastbound			Westbound		
Movement		7	8	9	10	11	12
		L	T	R	L	T	R
Volume (veh/h)	11		21				
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR (veh/h)	11	0	22	0	0	0	
Percent Heavy Vehicles	2	2	2	2	2	2	2
Percent Grade (%)		0				0	
Flared Approach		N				N	
Storage		0				0	
RT Channelized			0				0
Lanes	0	0	0	0	0	0	0
Configuration		LR					
Delay, Queue Length, and Level of Service							
Approach		Northbound	Southbound	Westbound			Eastbound
Movement		1	4	7	8	9	10
Lane Configuration	L						LR
v (veh/h)	15						33
C (m) (veh/h)	752						174
v/c	0.02						0.19
95% queue length	0.06						0.68
Control Delay (s/veh)	9.9						30.5
LOS	A						D
Approach Delay (s/veh)	--	--					30.5
Approach LOS	--	--					D

TWO-WAY STOP CONTROL SUMMARY						
General Information			Site Information			
Analyst	RMM		Intersection	SHROYER & WILTSIRE		
Agency/Co.	CMT		Jurisdiction			
Date Performed	3/2/2016		Analysis Year	2015		
Analysis Time Period	AM PEAK					
Project Description	SHROYER 4-LANES					
East/West Street:	WILTSIRE		North/South Street:	SHROYER		
Intersection Orientation:	North-South		Study Period (hrs):	0.25		
Vehicle Volumes and Adjustments						
Major Street	Northbound			Southbound		
Movement	1	2	3	4	5	6
	L	T	R	L	T	R
Volume (veh/h)	0	693	11	1	530	2
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR (veh/h)	0	753	11	1	576	2
Percent Heavy Vehicles	2	--	--	2	--	--
Median Type	Undivided					
RT Channelized			0			0
Lanes	0	2	0	0	2	0
Configuration	LT		TR	LT		TR
Upstream Signal		0			0	
Minor Street	Eastbound			Westbound		
Movement	7	8	9	10	11	12
	L	T	R	L	T	R
Volume (veh/h)	5	0	10	20	3	11
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR (veh/h)	5	0	10	21	3	11
Percent Heavy Vehicles	2	2	2	2	2	2
Percent Grade (%)	0			0		
Flared Approach		N			N	
Storage		0			0	
RT Channelized			0			0
Lanes	0	1	0	0	1	0
Configuration		LTR			LTR	
Delay, Queue Length, and Level of Service						
Approach	Northbound	Southbound	Westbound			Eastbound
Movement	1	4	7	8	9	10
Lane Configuration	LT	LT		LTR		LTR
v (veh/h)	0	1		35		15
C (m) (veh/h)	992	845		228		397
v/c	0.00	0.00		0.15		0.04
95% queue length	0.00	0.00		0.53		0.12
Control Delay (s/veh)	8.6	9.3		23.6		14.4
LOS	A	A		C		B
Approach Delay (s/veh)	--	--		23.6		14.4
Approach LOS	--	--		C		B

TWO-WAY STOP CONTROL SUMMARY						
General Information			Site Information			
Analyst	RMM		Intersection	SHROYER & WILTSIRE		
Agency/Co.	CMT		Jurisdiction			
Date Performed	3/2/2016		Analysis Year	2015		
Analysis Time Period	AM PEAK					
Project Description	SHROYER 3-LANES					
East/West Street:	WILTSIRE		North/South Street:	SHROYER		
Intersection Orientation:	North-South		Study Period (hrs):	0.25		
Vehicle Volumes and Adjustments						
Major Street		Northbound			Southbound	
Movement		1	2	3	4	5
		L	T	R	L	T
Volume (veh/h)		0	693	11	1	530
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR (veh/h)		0	753	11	1	576
Percent Heavy Vehicles		2	--	--	2	--
Median Type		Undivided				
RT Channelized				0		0
Lanes		1	1	0	1	1
Configuration		L		TR	L	TR
Upstream Signal			0			0
Minor Street		Eastbound			Westbound	
Movement		7	8	9	10	11
		L	T	R	L	T
Volume (veh/h)		5	0	10	20	3
Peak-Hour Factor, PHF		0.92	0.92	0.92	0.92	0.92
Hourly Flow Rate, HFR (veh/h)		5	0	10	21	3
Percent Heavy Vehicles		2	2	2	2	2
Percent Grade (%)		0			0	
Flared Approach			N			N
Storage			0			0
RT Channelized				0		0
Lanes		0	1	0	0	1
Configuration			LTR			LTR
Delay, Queue Length, and Level of Service						
Approach		Northbound	Southbound	Westbound		Eastbound
Movement		1	4	7	8	9
Lane Configuration		L	L		LTR	
v (veh/h)		0	1		35	
C (m) (veh/h)		996	849		164	
v/c		0.00	0.00		0.21	
95% queue length		0.00	0.00		0.78	
Control Delay (s/veh)		8.6	9.2		32.8	
LOS		A	A		D	C
Approach Delay (s/veh)		--	--		32.8	20.3
Approach LOS		--	--		D	C

TWO-WAY STOP CONTROL SUMMARY							
General Information			Site Information				
Analyst	RMM		Intersection	SHROYER & GREENMOUNT			
Agency/Co.	CMT		Jurisdiction				
Date Performed	3/2/2016		Analysis Year	2015			
Analysis Time Period	PM PEAK						
Project Description	SHROYER 4-LANES						
East/West Street:	GREENMOUNT		North/South Street:	SHROYER			
Intersection Orientation:	North-South		Study Period (hrs):	0.25			
Vehicle Volumes and Adjustments							
Major Street		Northbound			Southbound		
Movement		1	2	3	4	5	
		L	T	R	L	T	
Volume (veh/h)	48	567			804	15	
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR (veh/h)	52	616	0	0	873	16	
Percent Heavy Vehicles	2	--	--	2	--	--	
Median Type	Undivided						
RT Channelized			0			0	
Lanes	0	2	0	0	2	0	
Configuration	LT	T			T	TR	
Upstream Signal		0			0		
Minor Street		Eastbound			Westbound		
Movement	7	8	9	10	11	12	
	L	T	R	L	T	R	
Volume (veh/h)	6		45				
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR (veh/h)	6	0	48	0	0	0	
Percent Heavy Vehicles	2	2	2	2	2	2	
Percent Grade (%)	0			0			
Flared Approach		N			N		
Storage		0			0		
RT Channelized			0			0	
Lanes	0	0	0	0	0	0	
Configuration		LR					
Delay, Queue Length, and Level of Service							
Approach		Northbound	Southbound	Westbound		Eastbound	
Movement	1	4		7	8	9	10
Lane Configuration	LT						LR
v (veh/h)	52						54
C (m) (veh/h)	758						449
v/c	0.07						0.12
95% queue length	0.22						0.41
Control Delay (s/veh)	10.1						14.1
LOS	B						B
Approach Delay (s/veh)	--	--					14.1
Approach LOS	--	--					B

TWO-WAY STOP CONTROL SUMMARY							
General Information			Site Information				
Analyst	RMM		Intersection	SHROYER & GREENMOUNT			
Agency/Co.	CMT		Jurisdiction				
Date Performed	3/2/2016		Analysis Year	2015			
Analysis Time Period	PM PEAK						
Project Description	SHROYER 3-LANES						
East/West Street:	GREENMOUNT		North/South Street:	SHROYER			
Intersection Orientation:	North-South		Study Period (hrs):	0.25			
Vehicle Volumes and Adjustments							
Major Street		Northbound			Southbound		
Movement		1	2	3	4	5	
		L	T	R	L	T	
Volume (veh/h)	48	567			804	15	
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR (veh/h)	52	616	0	0	873	16	
Percent Heavy Vehicles	2	--	--	2	--	--	
Median Type	Undivided						
RT Channelized			0			0	
Lanes	1	1	0	0	1	0	
Configuration	L	T				TR	
Upstream Signal		0			0		
Minor Street		Eastbound			Westbound		
Movement		7	8	9	10	11	
		L	T	R	L	T	
Volume (veh/h)	6		45				
Peak-Hour Factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly Flow Rate, HFR (veh/h)	6	0	48	0	0	0	
Percent Heavy Vehicles	2	2	2	2	2	2	
Percent Grade (%)	0			0			
Flared Approach		N			N		
Storage		0			0		
RT Channelized			0			0	
Lanes	0	0	0	0	0	0	
Configuration		LR					
Delay, Queue Length, and Level of Service							
Approach		Northbound	Southbound	Westbound		Eastbound	
Movement		1	4	7	8	9	10
Lane Configuration		L					LR
v (veh/h)	52						54
C (m) (veh/h)	762						279
v/c	0.07						0.19
95% queue length	0.22						0.70
Control Delay (s/veh)	10.1						21.0
LOS	B					C	
Approach Delay (s/veh)	--	--				21.0	
Approach LOS	--	--				C	

Shroyer Road Safety Study

APPENDIX F: CONSTRUCTION COST ESTIMATE



SHROYER ROAD DIET
CITY OF OAKWOOD
Construction Estimate (Worksheet)

Approximate project length =	1.11	miles			
DESCRIPTION	QTY.	UNIT	UNIT COST	COST	NOTES
SHROYER ROAD - Pavement Removed					
Sta. 13+00 to Sta. 18+00	0	SY	\$12	\$0	East Dorothy Lane - East Dr
Sta. 18+00 to Sta. 21+50	166	SY	\$12	\$1,978	East Dr - Claranna Ave
Sta. 21+50 to Sta. 23+50	102	SY	\$12	\$1,223	Claranna Ave - Broad
Sta. 23+50 to Sta. 25+00	-	SY	\$12	\$0	Broad - Wonderly
Sta. 25+00 to Sta. 28+50	259	SY	\$12	\$3,086	Wonderly - Orchard
Sta. 28+50 to Sta. 32+00	130	SY	\$12	\$1,546	Oarchard - Triangle
Sta. 32+00 to Sta. 35+50	313	SY	\$12	\$3,737	Triangle - Peach Orchard
Sta. 35+50 to Sta. 38+50	124	SY	\$12	\$1,478	Paeach Orchard - Monteray
Sta. 38+50 to Sta. 41+50	129	SY	\$12	\$1,535	Monteray - Hadley
Sta. 41+50 to Sta. 45+00	146	SY	\$12	\$1,737	Hadley - Corona
Sta. 45+00 to Sta. 48+50	141	SY	\$12	\$1,684	Corona - Wiltshire
Sta. 48+50 to Sta. 51+50	147	SY	\$12	\$1,752	Wiltshire -Telford
Sta. 51+50 to Sta. 55+00	155	SY	\$12	\$1,852	Telford - Aberdeen
Sta. 55+00 to Sta. 58+50	131	SY	\$12	\$1,562	Aberdeen - Forrer
Sta. 58+50 to Sta. 62+00	133	SY	\$12	\$1,585	Forrer - Lonsdale
Sta. 62+00 to Sta. 65+00	141	SY	\$12	\$1,687	Lonsdale - Greenmount
Sta. 65+00 to Sta. 68+50	111	SY	\$12	\$1,322	Greenmount - Dellwood
Sta. 68+50 to Sta. 71+50	214	SY	\$12	\$2,557	Dellwood - Gainsborough
TOTAL	2,541	SY	\$12	\$30,314	
SHROYER ROAD - Embankment					
Sta. 13+00 to Sta. 18+00	0	CY	\$21	\$0	East Dorothy Lane - East Dr
Sta. 18+00 to Sta. 21+50	111	CY	\$21	\$2,287	East Dr - Claranna Ave
Sta. 21+50 to Sta. 23+50	69	CY	\$21	\$1,414	Claranna Ave - Broad
Sta. 23+50 to Sta. 25+00	-	CY	\$21	\$0	Broad - Wonderly
Sta. 25+00 to Sta. 28+50	173	CY	\$21	\$3,569	Wonderly - Orchard
Sta. 28+50 to Sta. 32+00	87	CY	\$21	\$1,788	Oarchard - Triangle
Sta. 32+00 to Sta. 35+50	210	CY	\$21	\$4,321	Triangle - Peach Orchard
Sta. 35+50 to Sta. 38+50	83	CY	\$21	\$1,710	Paeach Orchard - Monteray
Sta. 38+50 to Sta. 41+50	86	CY	\$21	\$1,775	Monteray - Hadley
Sta. 41+50 to Sta. 45+00	98	CY	\$21	\$2,008	Hadley - Corona
Sta. 45+00 to Sta. 48+50	95	CY	\$21	\$1,947	Corona - Wiltshire
Sta. 48+50 to Sta. 51+50	98	CY	\$21	\$2,025	Wiltshire -Telford
Sta. 51+50 to Sta. 55+00	104	CY	\$21	\$2,142	Telford - Aberdeen
Sta. 55+00 to Sta. 58+50	88	CY	\$21	\$1,806	Aberdeen - Forrer
Sta. 58+50 to Sta. 62+00	89	CY	\$21	\$1,832	Forrer - Lonsdale
Sta. 62+00 to Sta. 65+00	95	CY	\$21	\$1,950	Lonsdale - Greenmount
Sta. 65+00 to Sta. 68+50	74	CY	\$21	\$1,529	Greenmount - Dellwood
Sta. 68+50 to Sta. 71+50	144	CY	\$21	\$2,957	Dellwood - Gainsborough
TOTAL	1,702	CY	\$21	\$35,054	
SHROYER ROAD - Full Depth Pavement Sawing					
Sta. 13+00 to Sta. 18+00	0	FT	\$3	\$0	East Dorothy Lane - East Dr
Sta. 18+00 to Sta. 21+50	309	FT	\$3	\$974	East Dr - Claranna Ave
Sta. 21+50 to Sta. 23+50	185	FT	\$3	\$583	Claranna Ave - Broad
Sta. 23+50 to Sta. 25+00	-	FT	\$3	\$0	Broad - Wonderly
Sta. 25+00 to Sta. 28+50	458	FT	\$3	\$1,443	Wonderly - Orchard
Sta. 28+50 to Sta. 32+00	264	FT	\$3	\$832	Oarchard - Triangle
Sta. 32+00 to Sta. 35+50	530	FT	\$3	\$1,670	Triangle - Peach Orchard
Sta. 35+50 to Sta. 38+50	255	FT	\$3	\$804	Paeach Orchard - Monteray
Sta. 38+50 to Sta. 41+50	263	FT	\$3	\$829	Monteray - Hadley
Sta. 41+50 to Sta. 45+00	290	FT	\$3	\$914	Hadley - Corona
Sta. 45+00 to Sta. 48+50	283	FT	\$3	\$892	Corona - Wiltshire
Sta. 48+50 to Sta. 51+50	293	FT	\$3	\$923	Wiltshire -Telford
Sta. 51+50 to Sta. 55+00	306	FT	\$3	\$964	Telford - Aberdeen
Sta. 55+00 to Sta. 58+50	266	FT	\$3	\$838	Aberdeen - Forrer
Sta. 58+50 to Sta. 62+00	269	FT	\$3	\$848	Forrer - Lonsdale
Sta. 62+00 to Sta. 65+00	283	FT	\$3	\$892	Lonsdale - Greenmount
Sta. 65+00 to Sta. 68+50	233	FT	\$3	\$734	Greenmount - Dellwood
Sta. 68+50 to Sta. 71+50	472	FT	\$3	\$1,487	Dellwood - Gainsborough
TOTAL	4,959		\$3	\$15,621	
SHROYER ROAD - Curb Type 6					

SHROYER ROAD DIET
CITY OF OAKWOOD
Construction Estimate (Worksheet)

Approximate project length =	1.11	miles			
DESCRIPTION	QTY.	UNIT	UNIT COST	COST	NOTES
Sta. 13+00 to Sta. 18+00	0	FT	\$25	\$0	East Dorthy Lane - East Dr
Sta. 18+00 to Sta. 21+50	309	FT	\$25	\$7,611	East Dr - Claranna Ave
Sta. 21+50 to Sta. 23+50	185	FT	\$25	\$4,557	Claranna Ave - Broad
Sta. 23+50 to Sta. 25+00	-	FT	\$25	\$0	Broad - Wonderly
Sta. 25+00 to Sta. 28+50	458	FT	\$25	\$11,281	Wonderly - Orchard
Sta. 28+50 to Sta. 32+00	264	FT	\$25	\$6,503	Oarchard - Triangle
Sta. 32+00 to Sta. 35+50	530	FT	\$25	\$13,054	Triangle - Peach Orchard
Sta. 35+50 to Sta. 38+50	255	FT	\$25	\$6,281	Paeach Orchard - Monteray
Sta. 38+50 to Sta. 41+50	263	FT	\$25	\$6,478	Monteray - Hadley
Sta. 41+50 to Sta. 45+00	290	FT	\$25	\$7,143	Hadley - Corona
Sta. 45+00 to Sta. 48+50	283	FT	\$25	\$6,971	Corona - Wiltshire
Sta. 48+50 to Sta. 51+50	293	FT	\$25	\$7,217	Wiltshire -Telford
Sta. 51+50 to Sta. 55+00	306	FT	\$25	\$7,537	Telford - Aberdeen
Sta. 55+00 to Sta. 58+50	266	FT	\$25	\$6,552	Aberdeen - Forrer
Sta. 58+50 to Sta. 62+00	269	FT	\$25	\$6,626	Forrer - Lonsdale
Sta. 62+00 to Sta. 65+00	283	FT	\$25	\$6,971	Lonsdale - Greenmount
Sta. 65+00 to Sta. 68+50	233	FT	\$25	\$5,739	Greenmount - Dellwood
Sta. 68+50 to Sta. 71+50	472	FT	\$25	\$11,626	Dellwood - Gainsborough
TOTAL	4,959		\$25	\$122,140	
SHROYER ROAD - 6" Shallow Pipe Underdrains					
Sta. 13+00 to Sta. 18+00	0	FT	\$12	\$0	East Dorthy Lane - East Dr
Sta. 18+00 to Sta. 21+50	309	FT	\$12	\$3,814	East Dr - Claranna Ave
Sta. 21+50 to Sta. 23+50	185	FT	\$12	\$2,283	Claranna Ave - Broad
Sta. 23+50 to Sta. 25+00	-	FT	\$12	\$0	Broad - Wonderly
Sta. 25+00 to Sta. 28+50	458	FT	\$12	\$5,652	Wonderly - Orchard
Sta. 28+50 to Sta. 32+00	264	FT	\$12	\$3,258	Oarchard - Triangle
Sta. 32+00 to Sta. 35+50	530	FT	\$12	\$6,541	Triangle - Peach Orchard
Sta. 35+50 to Sta. 38+50	255	FT	\$12	\$3,147	Paeach Orchard - Monteray
Sta. 38+50 to Sta. 41+50	263	FT	\$12	\$3,246	Monteray - Hadley
Sta. 41+50 to Sta. 45+00	290	FT	\$12	\$3,579	Hadley - Corona
Sta. 45+00 to Sta. 48+50	283	FT	\$12	\$3,493	Corona - Wiltshire
Sta. 48+50 to Sta. 51+50	293	FT	\$12	\$3,616	Wiltshire -Telford
Sta. 51+50 to Sta. 55+00	306	FT	\$12	\$3,777	Telford - Aberdeen
Sta. 55+00 to Sta. 58+50	266	FT	\$12	\$3,283	Aberdeen - Forrer
Sta. 58+50 to Sta. 62+00	269	FT	\$12	\$3,320	Forrer - Lonsdale
Sta. 62+00 to Sta. 65+00	283	FT	\$12	\$3,493	Lonsdale - Greenmount
Sta. 65+00 to Sta. 68+50	233	FT	\$12	\$2,876	Greenmount - Dellwood
Sta. 68+50 to Sta. 71+50	472	FT	\$12	\$5,825	Dellwood - Gainsborough
TOTAL	4,959		\$12	\$61,194	
SHROYER ROAD - SIGN, FLAT SHEET					
Sta. 13+00 to Sta. 18+00	16	SF	\$20	\$327	East Dorthy Lane - East Dr
Sta. 18+00 to Sta. 21+50	13	SF	\$20	\$266	East Dr - Claranna Ave
Sta. 21+50 to Sta. 23+50	13	SF	\$20	\$266	Claranna Ave - Broad
Sta. 23+50 to Sta. 25+00	-	SF	\$20	\$0	Broad - Wonderly
Sta. 25+00 to Sta. 28+50	13	SF	\$20	\$266	Wonderly - Orchard
Sta. 28+50 to Sta. 32+00	13	SF	\$20	\$266	Oarchard - Triangle
Sta. 32+00 to Sta. 35+50	13	SF	\$20	\$266	Triangle - Peach Orchard
Sta. 35+50 to Sta. 38+50	13	SF	\$20	\$266	Paeach Orchard - Monteray
Sta. 38+50 to Sta. 41+50	13	SF	\$20	\$266	Monteray - Hadley
Sta. 41+50 to Sta. 45+00	13	SF	\$20	\$266	Hadley - Corona
Sta. 45+00 to Sta. 48+50	13	SF	\$20	\$266	Corona - Wiltshire
Sta. 48+50 to Sta. 51+50	13	SF	\$20	\$266	Wiltshire -Telford
Sta. 51+50 to Sta. 55+00	13	SF	\$20	\$266	Telford - Aberdeen
Sta. 55+00 to Sta. 58+50	13	SF	\$20	\$266	Aberdeen - Forrer
Sta. 58+50 to Sta. 62+00	13	SF	\$20	\$266	Forrer - Lonsdale
Sta. 62+00 to Sta. 65+00	13	SF	\$20	\$266	Lonsdale - Greenmount
Sta. 65+00 to Sta. 68+50	13	SF	\$20	\$266	Greenmount - Dellwood
Sta. 68+50 to Sta. 71+50	13	SF	\$20	\$266	Dellwood - Gainsborough
TOTAL	224		\$20	\$4,570	
SHROYER ROAD - SIGN SUPPORT ASSEMBLY, POLE MOUNTED					
Sta. 13+00 to Sta. 18+00	1	EACH	\$75	\$75	East Dorthy Lane - East Dr
Sta. 18+00 to Sta. 21+50	3	EACH	\$75	\$225	East Dr - Claranna Ave
Sta. 21+50 to Sta. 23+50	3	EACH	\$75	\$225	Claranna Ave - Broad

SHROYER ROAD DIET					
CITY OF OAKWOOD					
Construction Estimate (Worksheet)					
Approximate project length =	1.11	miles			
DESCRIPTION	QTY.	UNIT	UNIT COST	COST	NOTES
Sta. 23+50 to Sta. 25+00	-	EACH	\$75	\$0	Broad - Wonderly
Sta. 25+00 to Sta. 28+50	3	EACH	\$75	\$225	Wonderly - Orchard
Sta. 28+50 to Sta. 32+00	3	EACH	\$75	\$225	Oarchard - Triangle
Sta. 32+00 to Sta. 35+50	3	EACH	\$75	\$225	Triangle - Peach Orchard
Sta. 35+50 to Sta. 38+50	3	EACH	\$75	\$225	Paeach Orchard - Monteray
Sta. 38+50 to Sta. 41+50	3	EACH	\$75	\$225	Monteray - Hadley
Sta. 41+50 to Sta. 45+00	3	EACH	\$75	\$225	Hadley - Corona
Sta. 45+00 to Sta. 48+50	3	EACH	\$75	\$225	Corona - Wiltshire
Sta. 48+50 to Sta. 51+50	3	EACH	\$75	\$225	Wiltshire -Telford
Sta. 51+50 to Sta. 55+00	3	EACH	\$75	\$225	Telford - Aberdeen
Sta. 55+00 to Sta. 58+50	3	EACH	\$75	\$225	Aberdeen - Forrer
Sta. 58+50 to Sta. 62+00	3	EACH	\$75	\$225	Forrer - Lonsdale
Sta. 62+00 to Sta. 65+00	3	EACH	\$75	\$225	Lonsdale - Greenmount
Sta. 65+00 to Sta. 68+50	3	EACH	\$75	\$225	Greenmount - Dellwood
Sta. 68+50 to Sta. 71+50	3	EACH	\$75	\$225	Dellwood - Gainsborough
TOTAL	49	EACH	\$75	\$3,675	
SHROYER ROAD - BIKE LANE SYMBOL					
Sta. 13+00 to Sta. 71+50	55	EACH	\$49	\$2,673	East Dorthy Lane - Gainsborough Rd
SHROYER ROAD - LTL ARROW					
Sta. 13+00 to Sta. 71+50	26	EACH	\$65	\$1,682	East Dorthy Lane - Gainsborough Rd
Concrete nose (island)	17	EACH	\$1,000	\$17,000	
Sign support, complete	1	EACH	\$12,000	\$12,000	sign support and foundation
			Construction Sub Total	\$306,000	
Incidentals					
Maintaining Traffic (1%)	1	LS	\$25,000	\$25,000	
Contract Perfomance Bond (1%)	1	LS	\$4,000	\$4,000	
Field Office		MONTH	\$2,200	\$0	Type B
Construction Layout Stakes (1%)	1	LS	\$4,000	\$4,000	
Mobilization		LS	\$10,000	\$0	Table 624.02-1
PDP Contingency Costs	1	LS	\$108,000	\$108,000	35% Contingency
			Sub Total + Incidentals	\$447,000	
Inflation	1	LS	\$32,184	\$33,000	7.2% Inflation for 2017 Construction
			TOTAL	\$480,000	