



**Town of Valdese
Town Council Meeting
Valdese Town Hall
102 Massel Avenue SW, Valdese
Monday, April 2, 2018
6:00 P.M.**

- 1. Call Meeting to Order**
- 2. Invocation**
- 3. Pledge of Allegiance**

4. Informational Items:

- A. Communication Notes
- B. Reading Material

5. Open Forum/Public Comment

6. Consent Agenda

All items below are considered to be routine by the Town Council and will be enacted by one motion. There will be no separate discussion of these items unless a Council Member so requests. In which event, the item will be removed from the Consent Agenda and considered under Item 7.

- A. Approval of Regular Meeting Minutes of March 5, 2018
- B. Approval of Budget Retreat Minutes of March 19, 2018
- C. Spring Litter Sweep, April 14 -28, 2018

7. New Business

- A. Approval of Town of Valdese Mission Statement
- B. Adoption of Town of Valdese Action Plan
- C. Revised Memorandum of Understanding with Valdese Water Recycling
- D. Second CDBG Public Hearing-Demolition Grant to Remove Old Alba Waldensian Plant
- E. Authorizing Resolution to Submit Application for Funding from CDBG
- F. Authorizing Resolution Application for Funding from NC DEQ Division of Water Infrastructure for a Main Street Waterline Project
- G. Authorizing Resolution Application for Funding from NC DEQ Division of Water Infrastructure for Water Treatment Plant Bleach Conversion Project
- H. Resolution Adopting Water Resources Capital Improvement Plan
- I. Update on Study of Intersections at St. Germain Ave, Rodoret St, and Massel Ave
- J. Resolution for Offer to Purchase Town-Owned Property Located at Whisnant Street
- K. Budget Amendments

8. Mayor and Council Comments

9. Manager's Report

- A. Valdese Lakeside Park Public Input Meeting, Tuesday, April 3, 2018, Old Rock School, 6:30 p.m.-7:30 p.m.
- B. Movies at the Rock, "Wonder", Friday, April 6, 2018, 7 p.m.
- C. April Craft Market-Saturday, April 14, 2018, Old Rock School, 9 a.m.-4 p.m.
- D. Emerge Valdese Social, Tuesday, April 17, 2018, 100 Main, 6 p.m.-8 p.m.
- E. Budget Workshop Dinner Meeting, Monday, April 23, 2018, Valdese Town Hall Community Room, 6:00 p.m.
- F. WPCOG Annual Meeting, Thursday, April 26, 2018, 6:30 p.m., Crowne Plaza, Hickory

- G. Special Council Workshop scheduled for Tuesday, May 1, 2018, 6:00 p.m., Town Hall Community Room
- H. Next Regular Council meeting scheduled for Monday, May 7, 2018, 6 p.m.
- I. Family Friday Nights begin May 4, 2018.

10. Adjournment

COMMUNICATION NOTES

To: Mayor Black
Town Council

From: Seth Eckard, Town Manager

Date: March 28, 2018

Subject: Monday, April 2, 2018 Council Meeting

6. Consent Agenda:

- A. Approval of Regular Meeting Minutes of March 5, 2018**
- B. Approval of Budget Retreat Minutes of March 19, 2018**
- C. Spring Litter Sweep, April 14 -28, 2018**

Enclosed in the agenda packet is information from NC Department of Transportation regarding the Biannual Cleanup Drive to be held April 14-28, 2018. The Town will participate.

7. New Business

A. Approval of Town of Valdese Mission Statement

Enclosed in the agenda packet is a copy of the proposed Town of Valdese Mission Statement. This item was introduced at the last Council meeting; no revisions have been requested.

Requested Action: Staff requests that Council approve the Mission Statement, as presented.

B. Adoption of Town of Valdese Action Plan

Enclosed in the agenda packet is the 2018 Action Plan. This plan was drafted after the January 8, 2018 strategic planning session held at the Western Piedmont Council of Governments' office.

Requested Action: Staff recommends that Council adopt the Town of Valdese Action Plan, as presented.

C. Revised Memorandum of Understanding with Valdese Water Recycling

Enclosed in the agenda packet is a revised memorandum of understanding between the Town of Valdese and Valdese Water Recycling. This item was approved at the March Council meeting but has been revised as the town does not wish to acquire the full 3.32 acre tract, which contains ruins of an old pump station that could possibly become a liability if the town took possession of it. Instead, the town will acquire a smaller portion of land located behind the railroad tracks.

Requested Action: Staff recommends that Council approve the revised Memorandum of Understanding with Valdese Water Recycling, as presented.

D. Second CDBG Public Hearing-Demolition Grant to Remove Old Alba Waldensian Plant

Enclosed in the agenda packet is a copy of the notice calling for a second public hearing for the discussion of a CDBG grant request. Assistant WPCOG Director Sherry Long will be at the meeting to discuss the purpose of the Second CDBG Public Hearing.

E. Authorizing Resolution to Submit Application for Funding from CDBG

Through the pre-application process, \$500,000 in CDBG grant funds has been set aside for demolition of the Alba Waldensian Mill located at 408 Praley Street, SW. The 61,739 square foot facility was constructed in 1927, has been vacant for over five years and has exceeded its useful life. The property was purchased in December 2016 by Valdese Water Recycling, LLC, a subsidiary of Leonhardt Environmental, and the company has committed to invest monies up to 25% of the project costs or match of the grant.

Requested Action: Staff recommends that Council approve the resolution and authorize Town Manager Seth Eckard to execute and file an application on behalf of the Town of Valdese with NC Department of Commerce for CDBG funding.

F. Authorizing Resolution Application for Funding from NC DEQ Division of Water Infrastructure for a Main Street Waterline Project

Enclosed in the agenda packet is an authorizing resolution application for funding from NC DEQ Division of Water Infrastructure for a Drinking Water Improvement Project for a loan or grant for a Water Line Replacement Project along Main Street. The estimated project cost is \$2,783,000; this amount will be reflected in the project's funding application.

Requested Action: Staff requests that Council approve the resolution authorizing Town Manager Seth Eckard to execute and file an application with the State of North Carolina for a grant or loan to aid in the construction of the Main Street Waterline Project.

G. Authorizing Resolution Application for Funding from NC DEQ Division of Water Infrastructure for Water Treatment Plant Bleach Conversion Project

Enclosed in the agenda packet is an authorizing resolution application for funding from NC DEQ Division of Water Infrastructure for a Drinking Water Improvement Project for a loan or grant for a Disinfection Method Conversion Project at the Town's Water Treatment Plant. The total project cost is estimated to be \$553,100; this amount will be reflected in the project's funding application.

Requested Action: Staff requests that Council approve the resolution authorizing Town Manager Seth Eckard to execute and file an application with the State of North

Carolina for a grant or loan to aid in the construction of the Water Treatment Plan Conversion Project.

H. Resolution Adopting Water Resources Capital Improvement Plan

The Town is seeking grant and loan funding for the upcoming utility system replacement and improvement projects and will be submitting a funding application to the Division of Water Infrastructure within NCDEQ. The application process is competitive, requiring each applicant to submit project information as well as more complete utility system information and demographic information for their respective area of service. Points are awarded in this competitive process for system management and having an adopted Capital Improvements Plan that includes the submitted projects; adopting the CIP will help the Town obtain at least 2 of 15 points in the system management category.

Requested Action: Staff recommends that Council approve the Water Resources Capital Improvement Plan, as presented at the March 19, 2018 Council meeting.

I. Update on Study of Intersections at St. Germain Ave, Rodoret St, and Massel Ave

Enclosed in the agenda packet is a memo from Public Works Director Bryan Duckworth and the complete engineer report from J.M. Teague Engineering and Planning. Improvements to the intersection of St. Germain Ave and Rodoret St, and the intersection of Massel Ave and Rodoret Street are estimated to cost \$3,000.00. Powell Bill funds will cover the expense of the project.

Requested Action: Staff recommends that Council approve the recommendations of J.M. Teague Engineering and Planning for upgrades to the aforementioned intersections.

J. Resolution for Offer to Purchase Town-Owned Property Located at Whisnant Street

Enclosed in the agenda packet is a memo from Public Works Director Bryan Duckworth and the Resolution of Intent to Sell Real Property. The Town received an offer from Neil Shatley, in the amount of \$61,490, to purchase a parcel of land identified as "Portion of Town of Valdese Property to be Recombined with PIN 2743346272" on the map prepared by West Consultants, PLLC. The property will be advertised for upset bid. The full amount of Mr. Shatley's offer has been received and placed in Town Attorney Marc Mitchell's trust account.

Requested Action: Staff recommends that Council adopt the resolution approving the offer from Mr. Shatley in the amount of \$61,490 and allow staff, pursuant to NC General Statute 160A-266, to advertise for the upset bid process.

K. Budget Amendments

Enclosed in the agenda packet are three budget amendments prepared by Finance Director Jerry LaMaster; he will be at the meeting to present the amendments.

Requested Action: Staff recommends that Council approve the budget amendments as presented.

READING MATERIAL

**TOWN OF VALDESE
TOWN COUNCIL MEETING
MARCH 5, 2018**

The Town of Valdese Town Council met on Monday, March 5, 2018, at 6:00 p.m., in the Town Council Chambers at Town Hall, 102 Massel Avenue, SW, Valdese, North Carolina. The following were present: Mayor John F. "Chip" Black, Jr., Councilman Keith Ogle, Councilwoman Frances Hildebran, Councilwoman Susan Stevenson, and Councilman Roy F. Sweezy. Also present were: Town Manager Seth Eckard, Town Attorney Marc Mitchell, Deputy Town Clerk Courtney Kennedy, and various department heads.

Absent: Councilman Gary L. Delp.

A quorum was present.

Mayor Black called the meeting to order at 6:00 p.m. He offered the Invocation and led the Pledge of Allegiance to the Flag.

OPEN FORUM/PUBLIC COMMENT: None.

CONSENT AGENDA: (enacted by one motion)

APPROVED REGULAR MINUTES OF FEBRUARY 5, 2018

APPROVED SPECIAL MEETING MINUTES OF FEBRUARY 13, 2018

APPROVED ORDINANCE DECLARING ROAD CLOSURES FOR TOWN OF VALDESE SPECIAL EVENTS

**AN ORDINANCE DECLARING ROAD CLOSURE
FOR TOWN OF VALDESE SPECIAL EVENTS**

WHEREAS, the Town of Valdese desires to schedule an Independence Day Celebration, Annual Waldensian Festival; Treats in the Streets; and the Annual Valdese Christmas Parade; and

WHEREAS, part of US 70/Main Street in Valdese will need to be closed for each of these special events; and

WHEREAS, G.S. 20-169 provides that local authorities shall have power to provide by ordinance for the regulation of the use of highways by processions or assemblages;

NOW, THEREFORE, be it ordained by the Town Council of the Town of Valdese pursuant to G.S. 20-169 that the following portion of the State Highway System be closed during the times set forth below:

2018 Independence Day Celebration
Friday, June 29, 2018, 5:00 p.m. until 11:00 p.m.
(Description of Closure: 1.19 mi. US 70 Main St from Hoyle St to Eldred St)

2018 Waldensian Festival Kickoff Celebration
Friday, August 10, 2018, 5:00 p.m., until 11:00 p.m.
(Description of Closure: 1.19 mi. US 70 Main St from Hoyle St to Eldred St)

2018 Waldensian Festival Celebration
Saturday, August 11, 2018, 5:30 a.m. until 11:00 p.m.
(Description of Closure: 1.19 mi. US 70 Main St from Hoyle St to Eldred St)

2018 Valdese Treats in the Streets
Wednesday, October 31, 2018, 3:30 p.m. until 6:30 p.m.
(Description of Closure: 1.19 mi. US 70 Main St from Hoyle St to Eldred St)

2018 Annual Valdese Christmas Parade
Saturday, December 1, 2018, 9:45 a.m. until 12 Noon
(Description of Closure: 1.19 mi. US 70 Main St from Hoyle St to Eldred St)

Signs shall be erected giving notice of the limits and times of these street closures as required by G.S. 20-169.

THIS, the 5th day of March, 2018.

/s/ John F. Black, Jr., Mayor

ATTEST: /s/ Town Clerk

APPROVED FRIDAY, APRIL 13, 2018 AS TAX LIEN ADVERTISING DATE FOR REAL & PERSONAL PROPERTY

APPROVED REAPPOINTMENT TO VALDESE ABC BOARD W.T. Sorrell, III was reappointed to the Valdese ABC Board for a first, full three-year term which expires April 1, 2021.

Councilman Ogle made a motion to approve the aforementioned items on the Consent Agenda, seconded by Councilwoman Hildebran. The vote was unanimous.

End Consent Agenda

ITEMS REMOVED FROM CONSENT AGENDA: None.

INTRODUCTION OF NEW EMPLOYEE Fire Chief Charlie Watts introduced Fire Marshal Keshia Smith. Ms. Smith has been employed as a part-time fire fighter for almost two years; she was recently promoted to Fire Marshal.

TOWN OF VALDESE MISSION STATEMENT Council held a strategic planning retreat on January 8, 2018 at the WPCOG Offices. During this retreat, Council provided recommendations for a mission statement for the Town. Mayor Black encouraged Council to review the proposed mission statement and send any comments or revisions to Town Manager Seth Eckard. The mission statement will be reviewed at a future meeting.

FAÇADE GRANT REQUEST FROM SALON ON MAIN: Community Affairs Director Morrissa Angi presented a request from Salon on Main for a Façade Grant in the amount of \$2,500. Grant funds will be used to help fund the installation of new entry doors at Salon on Main. The total cost of the project to install new doors is \$5,400. Staff will be contacting the business owner to offer an opportunity to hold a ribbon cutting ceremony at their new location.

Councilman Ogle made a motion to approve the aforementioned Façade Grant in the amount of \$2,500.00, seconded by Councilman Sweezy. The vote was unanimous.

MEMORANDUM OF UNDERSTANDING WITH VALDESE WATER RECYCLING Town Manager Seth Eckard introduced Walter Currie of Campbell Shatley, PLLC, the firm that is providing legal oversight of this matter. In 2016, Valdese Water Recycling, LLC purchased the old Alba Waldensian Mill with the intent to demolish the dilapidated building on the property and construct a new facility. Valdese Water Recycling, LLC is seeking assistance from the town, in the form of a CDBG grant. The company has offered to provide match money if a grant is awarded to the town. Mr. Currie informed Council that there are two tracts of land in this discussion; a 3.32-acre tract of land on the other side of the railroad tracks that will be given to the town and a 3.16-acre tract containing the building that is to be demolished. Mr. Currie informed Council that the building will be severed from the real estate by declaring it as personal property. At that time, Valdese Water Recycling, LLC would provide the town with a deed, declaring the building personal property and enter into a short-term ground lease with the town. The town will then contract with a demolition company to tear down the existing structure. Lastly, the town will require a performance bond from Valdese Water Recycling, bonding the company to perform as agreed upon. Sherry Long of Western Piedmont Council of Governments will be overseeing the grant application process.

Town Manager Seth Eckard informed Council that the memorandum of understanding between the town and Valdese Water Recycling, LLC needs to be approved and Council needs to call for a public hearing at the next Council meeting.

Councilwoman Hildebran asked what liability the town has if the grant is not awarded. Mr. Eckard informed her that if the town is not awarded the grant, the project will be canceled. Valdese Water Recycling, LLC has agreed to pay the match money for the grant; therefore, the town will not incur any expenses for the project.

Mayor Black asked what the risk to the town is, assuming this project goes forward and the CDBG grant is approved and awarded to the town.

Attorney Walter Currie stated that there is a short-term risk while the town owns the building (before it gets torn down); expressing confidence as it should be covered through the town's insurance. Mr. Currie also explained that once the

town awards a contract to a demolition company, that company will be required to provide insurance as well. Mr. Currie said, "down the road, the main risk is that the recycling company doesn't do what it said its going to do; that is why we decided that you should require a performance bond, to make sure that those things do happen." The Memorandum of Understanding requires the performance bond to be in place for a five-year period.

Town Manager Seth Eckard informed Council of some of the benefits to the town, shall Council decide to proceed with this project. One of the main benefits is clearing a dilapidated, blighted building from downtown, with a company committing to building a new facility. Additionally, the company has agreed to partner with the town, agreeing to accept materials from citizens that Valdese Water Recycling, LLC will properly dispose of, at no charge. The town will also receive a 3.32-acre parcel of land near the railroad tracks.

Larry Leonhardt spoke on behalf of the owner of Valdese Water Recycling, LLC, sharing that the company plans to build a 10,000 sq. ft building on the lot. The building will have a working laboratory where testing of the water from different streams will occur to make sure that they are ready to be sent to the city. This site will be for the company headquarters and testing. Processing will still occur at the Burke Mills site, so heavy traffic will not be an issue at this site.

Councilman Ogle made a motion to approve the Memorandum of Understanding with Valdese Water Recycling, LLC and call for a CDBG second public hearing on April 2, 2018, seconded by Councilman Sweezy. The vote was unanimous.

DISCUSSION OF INTERSECTIONS AT ST. GERMAIN, RODORET, MASSEL AVE Public Works Director Bryan Duckworth provided an update on the traffic signal issue at the intersection of Saint Germain Ave and Rodoret Street. The traffic signal is over 35 years old and has cycling issues, causing it to not change from red to green. The control panel will need to be repaired and upgraded to resolve this issue which may cost up to \$10,000. Public Works has contracted with a traffic engineer to conduct a study on the intersection to determine if the repair should be made or if a different traffic control should be placed at this intersection. The engineer will also evaluate the intersection of Massel Ave and Rodoret Street to evaluate the location of the stop signs at this intersection. Staff will present the engineer's recommendations at the next Council meeting.

ARBOR DAY PROCLAMATION AND TREE CITY CELEBRATION UPDATE Mayor Black presented the following proclamation:

ARBOR DAY 2018 PROCLAMATION

WHEREAS, in 1872, J. Sterling Morton proposed to the Nebraska Board of Agriculture that a special day be set aside for the planting of trees; and

WHEREAS, the holiday, called Arbor Day, was first observed with the planting of more than a million trees in Nebraska; and

WHEREAS, 2018 is the 146th Anniversary of the holiday and Arbor Day is now observed throughout the nation and the world; and

WHEREAS, trees can reduce the erosion of our precious topsoil by wind and water, cut our heating and cooling costs, moderate the temperature, clean the air, produce life-giving oxygen and provide habitat for wildlife; and

WHEREAS, trees are a renewable resource giving us paper, wood for our homes, fuel for our fires, and beautify our community; and

WHEREAS, trees, wherever they are planted, are a source of joy and spiritual renewal; and

WHEREAS, the Town of Valdese has received the prestigious Tree City USA award for the past 30 years.

NOW, THEREFORE, I, John F. Black, Jr., Mayor of the Town of Valdese, North Carolina, do hereby proclaim Friday, March 16, 2018, as the 146th Anniversary celebration of

"Arbor Day 2018"

in the Town of Valdese and the Town will hold an Arbor Day Event in conjunction with Valdese Elementary School at the Old Rock School on Friday, March 16, 2018, 1:15 p.m., regarding tree planting and I urge all citizens to celebrate Arbor Day and to support efforts to protect our trees and woodlands; and

FURTHER, I urge all citizens to plant trees to gladden the heart and promote the well-being of this and future generations.

This 5th day of March, 2018.

/s/ John F. Black, Jr., Mayor

Public Works Director Bryan Duckworth shared that the town has partnered with Settlemyre Nursery to provide vouchers for \$10.00 off Musckogee Crape Myrtle trees as part of the 30-year Tree City Anniversary celebration. These vouchers will be available at Old Rock School and at Settlemyre Nursery's booth at the April Craft Market on April 14, 2018.

PUBLIC HEARING – INTENT TO CLOSE A SECTION OF WHISNANT STREET Mayor Black reconvened the public hearing that has continued since December 4, 2017 and asked if anyone from the public would like to speak. Public Works Director Bryan Duckworth informed Council that Mr. Shatley is currently looking into options to improve his parking situation at Alray Tire; he will be grading behind his facility to provide employee parking. With no additional comments, the public hearing was closed.

STREET CLOSING ORDER

Prepared by/mail to: MARC MITCHELL, P.A., PO DRAWER 69, VALDESE, NC 28690

A RESOLUTION ORDERING THE CLOSING OF THAT SECTION OF WHISNANT STREET SE described in the attached Exhibit A.

WHEREAS, on the 2nd day of October, 2017, the town council of the Town of Valdese adopted a resolution of intent (the Resolution) to close that section of Whisnant Street SE described in the attached Exhibit A; and

WHEREAS, the Resolution called for a public hearing on December 4, 2017, and it directed the town clerk to publish the Resolution at least once each week for four successive weeks before the public hearing; and

WHEREAS, the Resolution directed the town clerk to send a copy of the Resolution by certified mail to the owner of each property adjoining the section of Whisnant Street SE to be closed and to cause adequate notice of the Resolution and public hearing to be posted as required by G.S. 160A-299; and

WHEREAS, such notices have been published, mailed and posted as required by law; and

WHEREAS, the public hearing called for December 4, 2017, was opened, and it was continued until January 2, 2018, at 6:00 p.m.; and

WHEREAS, the public hearing was held on January 2, 2018, at which time all interested persons had an opportunity to be heard on the question of whether or not the closing would be detrimental to the public interest or the property rights of any individual, and after which town council gave and complete consideration to the matter; and

WHEREAS, it appears to the satisfaction of the town council that the closing of the section of Whisnant Street SE described in the attached Exhibit A is not contrary to the public interest, and that no individual owning property in the vicinity of such street would be deprived of a reasonable means of ingress and egress to and from their property because of the closing;

NOW, THEREFORE, BE IT RESOLVED by the town council of the Town of Valdese, meeting in regular session, that the section of Whisnant Street SE described in the attached Exhibit A is hereby ordered closed, and subject to the reservation of rights set forth below, all right, title and interest in the right of way described in the attached Exhibit A shall be conclusively presumed to be vested in those persons owning the lots or parcels of land adjacent to the section of the street so closed.

In accordance with G.S. 160A-299(f), the Town of Valdese hereby reserves all of its right, title and interest in any utility, drainage, pedestrian, landscaping, conservation or other improvements or easements within the section of the street hereby closed because the reservation of such easement is in the public interest.

The mayor is hereby authorized to execute quitclaim deeds to prove the vesting of all such right, title and interest as is vested by virtue of this street closing order in those persons owning lots or parcels of land adjacent to the section of street closed by this order, the title of such adjoining landowners, for the width of the abutting land owned by them, to extend to the centerline of the herein closed section of street in accordance with the provisions of G.S. 160A-299(c).

The town clerk is hereby ordered and directed to cause this street closing order to be registered in the office of the register of deeds of Burke County.

ADOPTED THIS 5TH DAY OF MARCH, 2018.

/s/ John F. Black, Jr., Mayor

/s/ Frances Hildebran, Town Clerk

Councilwoman Hildebran made a motion to adopt the street closing order, seconded by Councilwoman Stevenson. The vote was unanimous.

RESOLUTION DEDICATING TOWN PROPERTY AS PART OF WHISNANT STREET SE

Prepared by/mail to: MARC MITCHELL, P.A., PO DRAWER 69, VALDESE, NC 28690

WHEREAS, the town council decided to relocate a section of Whisnant Street SE;

WHEREAS, to relocate that section of Whisnant Street SE, on January 2, 2018, the town council ordered that a section of Whisnant Street SE be closed; and

WHEREAS, having closed that section of Whisnant Street SE, the town council desires to dedicate the property that will become part of the relocated section of Whisnant Street SE in order to complete the relocation of Whisnant Street SE; and

WHEREAS, the relocated section of Whisnant Street SE is shown on a plat of survey prepared for the Town of Valdese entitled, "Town of Valdese (Whisnant Street SE Relocation)" dated September 12, 2017, prepared by West Consultants, PLLC;

NOW, THEREFORE, the town council of the Town of Valdese hereby dedicates the following property as part of Whisnant Street SE, a public street:

BEGINNING at a point located the following courses and distances from a reference point located in the northeast corner of that property recorded in Book 960, page 42, Burke County Registry: South 48° 05' 05" East 21.72 feet to a point; South 62° 28' 19" East 75.59 feet to a point, the point of BEGINNING, and running thence from said point of BEGINNING North 62° 28' 19" West 35.60 feet to a point; thence South 17° 02' 26" West 86.20 feet to a point; thence with the arc of circular curve to the right having an arc length of 24.82 feet, a radius of 25.00 feet, a delta angle of 56° 53' 20", a chord bearing of South 45° 29' 06" West and a chord length of 23.82 feet to a point; thence South 73° 55' 46" West 28.54 feet to a point; thence with the arc of a circular curve to the left having an arc length of 11.16 feet, a radius of 55.00 feet, a delta angle of 11° 37' 35", a chord bearing of South 68° 06' 59" West and a chord length of 11.14 feet to a point; thence South 18° 57' 41" West 52.81 feet to a point; thence South 39° 08' East 23.56 feet to a rebar set; thence North 18° 57' 41" East 27.51 feet to a rebar set; thence with the arc of circular curve to the right having an arc length of 19.19 feet, a radius of 20.00 feet, a delta angle of 54° 58' 05", a chord bearing of North 46° 26' 43" East and a chord length of 18.46 feet to a rebar set; thence North 73° 55' 46" East 28.54 feet to a rebar set; thence with the arc of a circular curve to the left having an arc length of 59.57 feet, a radius of 60.00 feet, a chord bearing of North 45° 29' 06" East and a chord length of 57.16 feet to a rebar set; thence North 17° 02' 26" East 79.72 feet to the point of BEGINNING and being that property designated as "Portion of Town of Valdese Property to be dedicated to Whisnant Street SE – 6675 sq ft" as shown on that plat of survey prepared for the Town of Valdese entitled, "Town of Valdese (Whisnant Street SE Relocation)" dated September 12, 2017, prepared by West Consultants, PLLC.

This resolution was adopted this 5th day of March, 2018.

/s/ John F. Black, Jr., Mayor

/s/ Frances Hildebran, Town Clerk

Councilman Ogle made a motion to approve the resolution dedicating town property as part of Whisnant Street SE, seconded by Councilman Sweezy. The vote was unanimous.

FINAL PLAT APPROVAL PHASE III LAKE VISTAS SUBDIVISION Planning Director Larry Johnson presented the final plat approval for Phase III of the Lake Vistas Subdivision; preliminary plat approval was given at the August 7, 2017 Council meeting. Mr. Johnson presented a map of the development which identified approximately 83 acres that will be subdivided into 47-50 lots, each lot with a minimum of 1-acre or greater of land. Mr. Johnson informed Council that Phase III will be the same as Phase I and II of this development, the parcels will not be served with town water or sewer rather well and septic systems. Approximately one mile of new, private roads with a pavement width of 25 feet will be constructed which will meet DOT standards in the event the town would ever take in the roads for maintenance. Mr. Johnson shared that development standards for this phase meet or exceed the other two phases and all necessary requirements for final plat approval have been met by the developer. Final Plat approval is recommended by the Town of Valdese Planning Board. Mr. Johnson recommended approval of final plat of Phase III, contingent on receiving the cash bond.

Councilwoman Stevenson asked if there is a requirement for fire hydrants. Mr. Johnson shared that, as with Phase I and Phase II, fire hydrants will not be available as the town is not providing water or sewer. Fire Chief Charlie Watts further stated that the lack of water lines is what prevents the installation of fire hydrants in the subdivision.

Councilman Sweezy made a motion to approve Lake Vistas Phase III Final Plat, including the Subdivision Improvement Agreement, Cash Bond in the amount of \$745,013, and Defects Agreement, seconded by Councilman Ogle. The vote was unanimous.

BUDGET AMENDMENTS

Valdese Town Council Meeting Monday, Mar 05, 2018

Budget Amendment No. 11

Subject: Meridian Economic Incentive

Memorandum:

As per discussions held in previous council meetings pertaining to the subject, the following budget amendment is essential in order to appropriate the necessary funds.

Action Suggested:

BE IT ORDAINED by the Governing Board of the Town of Valdese, North Carolina that the following amendment is made to the annual budget ordinance for the fiscal year ending June 30, 2017:

Section 1. To amend the Utility Fund, the expenditures are to be changed as follows:

Acct. <u>No.</u>	<u>Debit</u>	<u>Credit</u>
30.8100.921 Trans to Gen Fund - Econ	180,000	
	-----	-----
Total	\$180,000	\$ 0
	=====	=====

This will result in a net increase of \$180,000 in the expenditures of the Utility Fund. To provide funding for the above, the following revenue budgets will be increased. These additional revenues have already been received.

Acct. <u>No.</u>	
30.3990.000 Fund Balance	180,000

	-----	-----
Total	\$	\$180,000
	=====	=====

Section 2. Copies of this budget amendment shall be furnished to the Clerk to the Governing Board, to the Budget Officer and the Finance Officer for their direction.

Valdese Town Council Meeting Monday, Mar 05, 2018

Budget Amendment No. 11A

Subject: Meridian Economic Incentive

Memorandum:

As per discussions held in previous council meetings pertaining to the subject, the following budget amendment is essential in order to appropriate the necessary funds.

Action Suggested:

BE IT ORDAINED by the Governing Board of the Town of Valdese, North Carolina that the following amendment is made to the annual budget ordinance for the fiscal year ending June 30, 2017:

Section 1. To amend the General Fund, the expenditures are to be changed as follows:

Acct. <u>No.</u>		<u>Debit</u>	<u>Credit</u>
10.4200.941	Econ Develop Meridian	180,000	
		-----	-----
Total		\$180,000	\$ 0
		=====	=====

This will result in a net increase of \$180,000 in the expenditures of the General Fund. To provide funding for the above, the following revenue budgets will be increased. These additional revenues have already been received.

Acct. <u>No.</u>			
10.3970.303	From Util - Econ		180,000
		-----	-----
Total		\$	\$180,000
		=====	=====

Section 2. Copies of this budget amendment shall be furnished to the Clerk to the Governing Board, to the Budget Officer and the Finance Officer for their direction.

Valdese Town Council Meeting Monday, Mar 05, 2018

Budget Amendment No. 12

Subject: Rock School Arts Foundation

Memorandum:

As per discussions held in previous council meetings pertaining to the subject, the following budget amendment is essential in order to appropriate the necessary funds.

Action Suggested:

BE IT ORDAINED by the Governing Board of the Town of Valdese, North Carolina that the following amendment is made to the annual budget ordinance for the fiscal year ending June 30, 2018:

Section 1. To amend the Util Fund, the expenditures are to be changed as follows:

Acct.		
<u>No.</u>		<u>Debit</u> <u>Credit</u>
30.8100.928	Tran to Gen Fund - Econ	25,000

Total		\$ 25,000 \$ 0
		=====

This will result in a net increase of \$25,000 in the expenditures of the Util Fund. To provide funding for the above, the following revenue budgets will be increased. These additional revenues have already been received.

Acct.		
<u>No.</u>		
30.3990.000	Fund Balance	25,000

Total		\$ \$25,000
		=====

Section 2. Copies of this budget amendment shall be furnished to the Clerk to the Governing Board, to the Budget Officer and the Finance Officer for their direction.

Valdese Town Council Meeting Monday, Mar 05, 2018

Budget Amendment No. 12A

Subject: Rock School Arts Foundation

Memorandum:

As per discussions held in previous council meetings pertaining to the subject, the following budget amendment is essential in order to appropriate the necessary funds.

Action Suggested:

BE IT ORDAINED by the Governing Board of the Town of Valdese, North Carolina that the following amendment is made to the annual budget ordinance for the fiscal year ending June 30, 2018:

Section 1. To amend the General Fund, the expenditures are to be changed as follows:

Acct.		
<u>No.</u>		<u>Debit</u> <u>Credit</u>
10.6250.928	Public Art Fund	- 25,000

Total		\$ 25,000 \$ 0
		=====

This will result in a net increase of \$25,000 in the expenditures of the General Fund. To provide funding for the above, the following revenue budgets will be increased. These additional revenues have already been received.

Acct.		
<u>No.</u>		
10.3970.303	From Util - Econ	25,000

Total		\$ \$25,000
		=====

Section 2. Copies of this budget amendment shall be furnished to the Clerk to the Governing Board, to the Budget Officer and the Finance Officer for their direction.

Councilman Ogle made a motion to approve the aforementioned budget amendments, seconded by Councilwoman Stevenson. The vote was unanimous.

MAYOR AND COUNCIL COMMENTS: Councilwoman Stevenson requested information on recent vehicle break-ins. Police Chief Jack Moss informed Ms. Stevenson that his department is conducting an investigation of this matter in

conjunction with Burke County and Drexel, as similar crimes have been committed in those jurisdictions. Chief Moss reported that almost all of the property stolen from vehicles has been returned. A total of five suspects have been identified at this time and the investigation is ongoing.

Mayor Black shared with Council that a WPCOG Policy Board Executive Committee meeting was held last week where conversations of creating a code enforcement officer position was discussed. This officer would be employed by WPCOG and contracted out to surrounding municipalities to provide code enforcement services. Mayor Black informed Council that Executive Director Anthony Starr will be proposing a formal plan at a later date. The Committee also discussed Finance Director Andrea Roper's recommendation to purchase financial software that surrounding municipalities could implement in their finance departments, in hopes of having a uniform software throughout the area and also the possibility of acquiring the software at a better purchase price.

Councilwoman Hildebran shared the following update on the library: Burke County Public Library Director Jim Wilson informed Ms. Hildebran the architect is working on preliminary drawings which will include multiple program areas, work space for staff, a demonstration kitchen, separate area for young adults, storage, outdoor program area, and parking. The tentative schedule for the project is July 2018-January 2019. A surveyor will be conducting a survey and working on topography work for the architect soon.

MANAGER'S REPORT: Town Manager Seth Eckard informed Council of the following items:

The Annual Budget Retreat at Old Rock School is scheduled for Monday, March 19, 2018, from 1:00 p.m. to 8:00 p.m.

The Valdese Lakeside Park Ribbon Cutting Ceremony will be on Thursday, March 29, 2018, at 1:00 p.m.

The next regular Council meeting is Monday, April 2, 2018.

Staff has been working on a solution for the litter issues in town. Public Works Director Bryan Duckworth identified three possibilities; help from Department of Corrections, community service labor, temporary or seasonal labor. Mr. Duckworth would like to hire seasonal or temporary help for 8 weeks in the Spring and Fall.

On March 3, 2018, Friends of the Valdese Rec, representatives from NC Wildlife, and approximately 65 volunteers spent two hours at the new lakeside park, cleaning up garbage from one of the main coves. Mr. Eckard remarked that it was a great day of community service.

ADJOURNMENT At 7:14 p.m., there being no further business to come before Council, Councilman Ogle made a motion to adjourn, seconded by Councilwoman Hildebran. The vote was unanimous.

Town Clerk

Mayor

ck

**TOWN OF VALDESE
ANNUAL COUNCIL/DEPARTMENT HEAD BUDGET RETREAT
MONDAY, MARCH 19, 2018**

The Valdese Town Council met on Monday, March 19, 2018, 1:00 p.m., for the Annual Budget Retreat, Old Rock School, Waldensian Room, 400 Main Street West, Valdese, North Carolina. The following members were present: Mayor John F. (Chip) Black, Jr., Councilman Keith Ogle, Councilwoman Frances Hildebran, Councilwoman Susan Stevenson, Councilman Gary Delp, and Councilman Roy Sweezy. Also present: Town Manager Seth Eckard, Deputy Town Clerk Courtney Kennedy, and all Department Heads.

Absent: None

A quorum was present.

CALL TO ORDER At 1:00 p.m., Mayor Black opened the meeting and welcomed everyone. Mr. Black shared that he had been on the Council for many years and recently realized that his only regret was that sometimes items were approved in a nature that was short-sighted and encouraged Council and staff to plan for the future of the town.

OPENING COMMENTS – TOWN MANAGER SETH ECKARD Mr. Eckard welcomed everyone and said staff was looking for feedback from members of Council. Mr. Eckard shared that this year, a new program, Emerge Valdese, is being implemented in lieu of a citizens academy. Emerge Valdese will be a group of young professionals, meeting to discuss what is happening in the town and how to better engage the community.

HUMAN RESOURCES David Hill of HR Essentials Consulting provided an overview of a pay study and classification process. The Town of Valdese has not conducted a pay study and classification since 2007. Mr. Hill will facilitate this process during FY2018-2019. Town Manager Seth Eckard informed Council that the study will be conducted during the upcoming fiscal year with implementation scheduled for FY2019-2020.

FINANCE DIRECTOR Finance Director Jerry LaMaster discussed major revenue sources for FY2017-2018, informing Council that revenues were coming in as predicted and that department heads were staying within budget. Mr. LaMaster informed Council that sales tax will come in above budget again this year. Mr. LaMaster does not expect any increases in revenues in FY2018-2019.

VEDIC Executive Director Kerri Poteat and Community Affairs Director Morrissa Angi presented the proposed Valdese Building Reuse Loan Program. The vision is to make this a VEDIC program, with Town oversight. The final Valdese Building Reuse Loan Program will be presented at the April 23, 2018 Council meeting.

UTILITY DEPARTMENTS Water Resources Director Greg Padgett provided a presentation on recent accomplishments at the wastewater and water treatment plants, identifying various projects that have been completed. R.J. Mozeley of McGill Associates provided updates on current projects and presented the Water Resources Capital Improvement Plan. Vice President Andy Lovingood provided an overview of the Water and Sewer Utility Fund Summary Financial Analysis and Funding Awards Summary.

PUBLIC WORKS Public Works Director Bryan Duckworth informed Council that his department had successfully made multiple water line replacements, various equipment purchases, and completed street improvements throughout the town. Mr. Duckworth identified priority items for FY 2018-2019 such as the purchase of a bucket truck. Mr. Duckworth also discussed the Utility System Performance Report.

COMMUNITY AFFAIRS Community Affairs Director Morrissa Angi summarized major events that were held in FY 2017-2018, the recreation of a mailed newsletter, implementation and growth of the town's social media presence, and new events such as the April Craft Market and Movies at the Rock. Ms. Angi and Council discussed the Valdese Farmers Market. Ms. Angi recommended relocating the Valdese Farmers Market in front of Old Rock School due to the high volume of cars in the public parking lot across from Old Town Hall and also recommended holding the market on Fridays only. Council was in favor of this change. Ms. Angi and Council discussed goals and ideas for a Main Street program, wishing to create a fun factor in downtown. Ms. Angi finished her presentation by identifying FY2017-2018 accomplishments, requests for FY 2018-2019, and current the current fee schedule and lease rates at Old Rock School.

Councilwoman Hildebran asked if it would be possible to install speakers on Main Street so visitors could listen to music in various locations. Staff will explore this possibility.

ADMINISTRATION & PLANNING DEPARTMENTS Planning Director Larry Johnson provided an overview of permitting, enforcement, and housing developments for FY 2017-2018. Mr. Johnson also informed Council of the planning board agenda for 2018, which includes Central Business District expansion and tiny homes. Mr. Johnson requested \$20,000 for town hall maintenance and repairs.

Town Manager Seth Eckard informed Council that he is seeking a 2% COLA, iPad upgrades for Council, and funding for the Valdese Building Reuse Program for FY 2018-2019.

DINNER At 5:30 p.m., Mayor Black invited everyone to enjoy dinner catered by Myra's Catering. At 6:00 p.m., Mayor Black called the meeting back to order.

PARKS & RECREATION Parks and Recreation Director Doug Knight discussed various improvements within his department. Mr. Knight also presented a proposed fee schedule, as requested by Council earlier this year. This fee schedule will be discussed at the May 7, 2018 Council meeting.

FIRE DEPARTMENT Fire Chief Charlie Watts shared departmental accomplishments, information on the acquisition of the new ladder truck, information about the Junior Firefighter Program, and the Mingle with Kris Kringle event. Chief Watts informed Council that he is requesting funding to purchase a rescue utv. Chief Watts informed Council that he received a report from an engineer today about possible structural issues at the fire and police complex. Staff will meet with the engineer to discuss the findings.

POLICE DEPARTMENT Police Chief Jack Moss shared accomplishments his department had in FY 2017-2018 and identified objectives for FY 2018-2019. Chief Moss is seeking funding to purchase two new vehicles for his department. Town Manager Seth Eckard informed Council that the vehicle that was purchased for town hall will be given to police; therefore, Chief Moss will only need to purchase one vehicle. Chief Moss expressed concern over officer salaries and the need for new tasers.

GENERAL DISCUSSION Council expressed their gratitude to staff, remarking that this is one of the best management teams the town has had.

Town Manager Seth Eckard informed Council of upcoming meetings on: April 3, April 23, and May 1, 2018.

ADJOURNMENT – Mayor Black thanked the Department Heads for a tremendous job. He adjourned the meeting at 7:14 p.m.

The next meeting is a regularly scheduled meeting on Monday, April 2, 2018, 6:00 p.m., Valdese Town Hall.

Town Clerk

Mayor

ck

LITTER SWEEP NORTH CAROLINA

APPLY FOR
ADOPT-A-HIGHWAY
ONLINE
<https://apps.ncdot.gov/LM>



April 14–28, 2018

VOLUNTEER LOCALLY

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION BIANNUAL CLEANUP DRIVE

Forms, posters and telephone listings are available on our website.

LITTER SWEEP

1-800-331-5864

www.ncdot.gov/littersweep

SWAT-A-LITTERBUG

Littering is illegal and a fineable offense upon conviction. G.S. 14-399.

Let us know when a person is littering by contacting Litter Management through the online Swat-A-Litterbug process or by calling the NC State Highway Patrol at *HP or NCDOT Customer Service at **1-877-DOT-4YOU** (1-877-368-4968).

Find out more at www.ncdot.gov/litterbug.



**Flip up for
more information!**

SPRING LITTER SWEEP

April 14-28, 2018

Volunteer Safety Rules and Guidelines

- Park in areas that: provide safe entrance and exit of the pickup area; do not create hazards with other vehicles and equipment operating near the work area; provide maximum protection for volunteers getting in and out of the vehicle.
- All volunteers must wear an NCDOT approved orange safety vest. It is a good practice to wear long-sleeve shirts, gloves and high-top boots to protect against unforeseen hazards.
- Take extra precautions to prevent heat and cold stress when working in extreme temperatures. Pick up only during daylight hours and stop work during inclement weather.
- Face oncoming traffic while on foot. Stay off the road at least five feet from the pavement edge.
- Do not pick up in ditches, tunnels, on road surfaces, bridges, overpasses or medians. Avoid any construction areas.
- Work in small groups, allowing ample space for each volunteer to work safely.
- Place tools in a safe position so that sharp points are not exposed.
- Be aware of hidden obstructions that may have sharp edges and broken glass, especially in grassy areas.
- Do not attempt to squeeze bags to make room for more trash. Use caution when handling trash bags containing broken or sharp objects. Use proper lifting techniques when lifting bags.
- Do not pick up what appears to be hazardous material or any type of container with unknown contents (notify your local coordinator or NCDOT maintenance office if you encounter hazardous objects or holes, guy wires and other hidden obstacles in the ground).
- Place trash bags where they can be easily retrieved by NCDOT personnel, but well clear of roadway traffic.
- Do not use or possess illegal drugs or alcohol prior to or during a cleanup.
- Provide adequate supervision by one or more adults 21 years of age or older for groups that have volunteers 12-17 years of age. All volunteers must be at least 12 years of age with adult supervision to participate.
- Know the routes to medical care in case of emergency and have a first-aid kit immediately available.
- Conduct a safety meeting for all volunteers prior to each cleanup and go over all safety procedures, rules and guidelines. View the "North Carolina Adopt-A-Highway Safety" video and the "Colorado Meth Lab Waste Recognition" video prior to participating in a cleanup.

You can access all safety information and videos from our website at www.ncdot.gov/littersweep.

SUPPORT A LITTER FREE NC!

www.ncdps.gov/litterreenc

Reminder: It is illegal to dispose of aluminum cans and plastic bottles in landfills.

Visit your local NCDOT maintenance office for gloves, safety vests, and orange trash bags that are reversible to a blue color for glass, metal and plastic for recycling. Dispose of recyclables yourself.

Please report pickups online at <https://apps.ncdot.gov/LM> (info needed: Pickup key, route cleaned, # of volunteers, hours worked, # of recyclable bags and trash bags, and NCDOT bag pickup needed.) If you are not an AAH volunteer, please use the Other Volunteer Pickup Key: **NSLKC**.

Visit ncdot.gov/littersweep to download forms:

- Spring 2018 Litter Sweep poster
 - Certificate of Appreciation request form
 - Safety rules and regulations for volunteers
 - Adopt-A-Highway reporting instructions
 - Litter Sweep cleanup procedures
 - Adopt-A-Highway media form
- For questions or to request copies, call 1-800-331-5864

PRESORTED
FIRST-CLASS MAIL
U.S. POSTAGE PAID
RALEIGH, NC
PERMIT NO. 365

Address Service Requested

North Carolina Department of Transportation
Litter Management
1540 Mail Service Center
Raleigh, NC 27699-1540
www.ncdot.gov/programs/litter-management

<<Name>>
<<Address>>
<<City>>

THANK YOU FOR
SAFELY PARTICIPATING
IN LITTER SWEEP.

Deadline to request certificate is May 31, 2018
Mail or fax to NCDOT Litter Management
1540 Mail Service Center
Raleigh, NC 27699-1540 / Fax: (919) 715-2554

Email _____

Phone (Work) _____ (Home) _____

City _____ State _____ ZIP _____ County _____

Address _____

Mail to _____

Issue in name of _____

REQUEST FOR CERTIFICATE OF APPRECIATION (Please print)

April 14-28, 2018

SPRING 2018 LITTER SWEEP



Mission Statement

The Town of Valdese welcomes growth and diversity to enhance, while preserving, our existing neighborhoods, natural amenities and rich history for current residents and future generations.

Vision

The Town of Valdese will be a modern and innovative town in Western North Carolina, focused on cultural, economic and environmental sustainability.

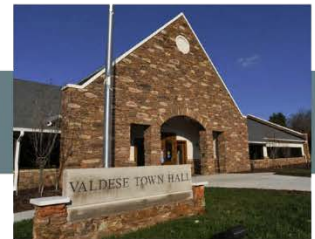
Our Values

- Community** We strive to maintain the town as a safe place to live, work, and raise a family. Our community is full of diverse individuals that have different opinions and beliefs; we value and respect the rights and differences of everyone. Our community becomes stronger when we unite with our merchants and business owners by supporting their goals and celebrating their successes.
- Leadership** We believe that government should be accountable, transparent in all engagements, and fiscally responsible stewards of the town's assets. We will provide and encourage an atmosphere that supports job satisfaction and professional growth for all town staff. Management will identify programs and opportunities to engage future leaders.
- Service** We are responsive and service-oriented to meet the needs of our citizens. We recruit the best and highest qualified candidates and train a team with the knowledge and skills to carry out the mission of the town through transparent civic engagement and by providing the very best services to our citizens.
- Heritage** We will encourage growth and rehabilitation of our town through careful planning to provide an improved quality of life and standard of living for our citizens that reflects the town's unique heritage and culture.
- Integrity** Our personal and professional conduct is guided by high ethical and honest standards. We are open, reliable and consistent in all activities.



Historic VALDESE *north carolina*

2018 Action Plan



Mayor and Town Council

The Town Council acknowledges its role in vision and action planning for the future of the Town and pledges that this document will be a living, changing, and evolving document to help guide the Town's future.

Mayor

John F. "Chip" Black, Jr.

Council Members

Susan Stevenson, Mayor Pro Tem

Keith Ogle

Frances Hildebran

Gary Delp

Roy Sweezy

Town Manager

Seth Eckard

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Executive Summary

This year marks the 125th anniversary of the founding of the Town of Valdese by Waldensian settlers. Over the past century, Valdese has developed into a community with a rich heritage, strong industrial base and quaint neighborhoods.

On January 8, 2018 the Valdese Town Council held a strategic planning session to continue and build upon the legacy of the previous 125 years. The Town Council developed a clear, concise action plan to guide the Town towards the future.

The Town Council and Manager, along with facilitation from the Western Piedmont Council of Governments, evaluated major accomplishments, issues, organizational effectiveness, priorities, and concerns for the future. These items were then used to set specific action points, goals and programs to guide the Town over the next several years.

This Plan will be used to establish the Town's priorities as it undertakes new initiatives or amends existing programs. It is a proactive statement of where the Town wants to be in the future. The Strategic Plan identifies key initiatives with corresponding goals to direct the Town's actions to help achieve its mission. The Town Council has committed to an annual review of this plan to measure progress and to update the plan to best suit the ever-evolving needs of the community.

This Plan should be revisited and revised every few years. Each subsequent plan should build on these objectives, and act as a guide for the Council throughout the coming years.

Mission Statement



Mission Statement

The Town of Valdese welcomes growth and diversity to enhance, while preserving, our existing neighborhoods, natural amenities and rich history for current residents and future generations.

Vision

The Town of Valdese will be a modern and innovative town in Western North Carolina, focused on cultural, economic and environmental sustainability.

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Community We strive to maintain the town as a safe place to live, work, and raise a family. Our community is full of diverse individuals that have different opinions and beliefs; we value and respect the rights and differences of everyone. Our community becomes stronger when we unite with our merchants and business owners by supporting their goals and celebrating their successes.

Leadership We believe that government should be accountable, transparent in all engagements, and fiscally responsible stewards of the town's assets. We will provide and encourage an atmosphere that supports job satisfaction and professional growth for all town staff. Management will identify programs and opportunities to engage future leaders.

Service We are responsive and service-oriented to meet the needs of our citizens. We recruit the best and highest qualified candidates and train a team with the knowledge and skills to carry out the mission of the town through transparent civic engagement and by providing the very best services to our citizens.

Heritage We will encourage growth and rehabilitation of our town through careful planning to provide an improved quality of life and standard of living for our citizens that reflects the town's unique heritage and culture.

Integrity Our personal and professional conduct is guided by high ethical and honest standards. We are open, reliable and consistent in all activities.

Actions Completed

Listed below are some of the items that have been completed prior to the creation of the Action Plan:

PARKS AND RECREATION

- Made improvements to existing parks
- Purchased 302-acre parcel of land to develop a lakeside park
- Constructed the one-acre downtown park, Valdese Family Splash Park
- Remodeled the fitness room
- Revitalized and enhanced bowling amenity at Recreation Center
- Made significant repairs to the Recreation Center (roof, pool heater, bubble)

ECONOMIC DEVELOPMENT/GRANTS

- Retained Meridian business in Valdese (Town Incentive)
- Awarded grant funding for projects at Water and Wastewater Facilities (CDBG-IDF Grant, CDBG-ED, Connect Bond and SRVF)
- Made improvements to Downtown Streetscape (NC Commerce Grant)
- Awarded grants for the installation of public downtown Wi-Fi and electronic vehicle charging stations (ARC and Duke Energy Grant)
- Increased parking at the Old Rock School (Rostan Family Foundation Grant)
- Old World Bakery (Main Street Solutions Grant)
- Facilitated the addition or relocation of over 12 downtown businesses

COMMUNICATION

- Optimized communication abilities with residents through various media (CodeRED, Facebook, Twitter, Instagram, website improvements and Town Manager's newspaper column)

BUDGET/FINANCE

- Adjusted tax rate to strategically implement various capital improvements
- Partnered with McGill and Associates to develop a 10-year capital improvement plan for the entire utility system. The plan also incorporates a strategic funding model.
- Developed 3-year capital improvement plan for general fund departments.

ADMINISTRATION

- Hired a good town manager

Action Plan Outline

This Action Plan serves as a guide for the Town to identify and define key initiatives and includes corresponding goals to direct future actions by the Town to achieve the vision of the plan and the Town's Mission and Core Values. The Plan is broken down into four key areas:

- *Parks*
- *Arts*
- *Main Street Revitalization*
- *Economic Development*

Each of these key areas includes goals, which reflect the specific desires of the Town Council over the next one to three years. The goals are seen as comprehensive and give shape and substance to each key area of the plan.

Parks

The Town of Valdese desires to provide community oriented parks that enhance the local economy, provide a safe place for families to exercise, and protect the environment.

Goals

Develop Valdese Lakeside Park

- Partner with Destination by Design and Friends of the Valdese Rec to develop the newly acquired land on Lake Rhodhiss

Improve Existing Parks

- Finish Park and Recreation projects in older parks
- Utilize existing parks to their full potential

Arts

The Town of Valdese desires to emphasize our community as an arts mecca to enhance artistic and cultural opportunities and assets, and to celebrate the town's diversity and history.

Goals

Improve Amphitheater and Outdoor Drama

- Strategically invest in infrastructure improvements at the Outdoor Drama

Redevelop Older Buildings for Art Studios

- Identify and facilitate the development of downtown spaces to be used for the visual arts
- Find opportunities for murals and other public art projects

Art in the Park

- Host Art in the Park events

Main Street Revitalization

The Town of Valdese desires to enhance the central business district by identifying strategic infrastructure investments, enhancing relationships and communication with small business owners, while promoting the unique characteristics and assets of the downtown area.

Goals

Street Lights on Main Street

- Replace non-functional or damaged lights

Streetscape

- Make improvements to current Main Street Streetscape

Economic Development

The Town of Valdese desires to create and maintain a strong and vibrant local economy by attracting and retaining quality businesses.

Goals

Develop property

- Identify properties for residential, retail and industrial development
- Work with entrepreneurs to help achieve their business goals
- Recruit quality industries that provide well-paying jobs

Overnight Accommodations

- Identify and facilitate a “bed and breakfast” or other overnight accommodations in town

Rail Service

- Explore and identify rail opportunities for existing and potential businesses

Implementation

The Action Plan is not significant unless it is implemented. The Town Manager will be chiefly responsible for the Action Plan's implementation but will rely on Council's direction regarding the feasibility and timing of certain items. The Action Plan should be analyzed and assessed annually. The Action Plan is a living document that is subject to change.

Appendix

The Appendix includes the results of the planning and goal setting session held by the Town Council on Monday, January 8, 2018, facilitated by WPCOG Director Anthony Starr. Mr. Starr presented questions to Council, documented their responses, and then asked Council to vote on their top choices. Council responded with the following:

What do you believe are the town's top accomplishments in last 2-3 years?

- Capital Improvements Plan - 3
- Retaining Meridian's operations in Valdese - 3
- Successfully obtaining grants for the water and wastewater facilities - 3
- Improvements in parks and recreation - 2
- Voting for a tax increase - 2
- Success of Main Street Program - 2
- Hiring a good town manager - 1
- Downtown streetscape improvements - 1
- Issues with The Settings ending - 1
- New fire truck
- Downtown WiFi
- Employee Satisfaction
- Outdoor Drama/Old Colony Players
- Communication with Downtown merchants
- Cultural programs (shows, movies, concerts)
- Keeping Council together with good relationships
- Hiring new clerk

What challenges, obstacles, and concerns do you have for the town?

- Century-old infrastructure replacements needed - 5
- Lack of affordable housing - 4
- Out-migration of youth - 4
- Availability of resources for senior care needs (housing, transportation, etc) - 4
- Need for business and economic development - 4
- Employee turnover in finance department - 2
- Lack of quality jobs in Valdese that offer a good pay rate - 2
- Need for a palatable code enforcement system - 2
- Lack of leadership in a department - 1
- Low membership in Valdese Merchants Association
- Decisions of past administration
- Lack of tax increase for decades
- The need for more market rate housing (such as condos)

What opportunities, projects, and priorities can you identify for the town?

- Start on new park – 4
- Emphasize Valdese as an art mecca – 4
- Improvements to Main Street streetscape – 4
- Finish park and recreation projects in older parks – 3
- Street lights on Main Street – 3
- Improve amphitheater and outdoor drama – 3
- Transition to new staff in key positions – 3
- Establish a bed and breakfast or other overnight accommodations – 2
- Identify properties for construction with willing developers and banks – 1
- Host art in the park events four times a year – 1
- Establish commercial rail service in town – 1
- Redevelop older buildings for art studios
- Buy Property across from Town Hall

What will you take away from this meeting?

- How much we have accomplished and how well this meeting was organized
- Council works well together and takes a team approach to setting and achieving goals
- Valdese is a great town
- When things come up Council should ask if it fits into the picture that we developed tonight
- Council tends to focus on what needs to be done and we should reflect on what has been done
- We are six people with different groups all working for the common good of the town

MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING (“MOU”) is made and entered into by and between the TOWN OF VALDESE (“Town”) and VALDESE WATER RECYCLING, LLC (“Recycling”) as of the ____ day of _____, 2018. The purpose of this MOU is to reflect the understanding and intent of the parties and to provide a general description of the activities and transactions necessary to achieve the purposes and goals of the Project described below.

1.0 Introduction. The project (“Project”) is a number of activities to be undertaken by the Town and Recycling to achieve the goals and objectives described below involving a 6.18 tract of land (“the Land”) located in the central business district of the Town located on the west side of Praley Street formerly owned and occupied by Alba-Waldensian, Inc., a textile manufacturing company employing up to 750 persons with a company history beginning in 1901. Alba-Waldensian, Inc. ended textile manufacturing and eventually sold the property in 2004. The property was used for warehousing for a few years and then became and remains vacant. The buildings and grounds have deteriorated and are in dilapidated condition.

2.0 Description of Project area. The Project area boundary is located within the central business district of the Town. The Land is composed of two parcels of land with a total land area of 6.18 acres. A 3.16-acre parcel (“3.16 Acre Parcel”) has located upon it an industrial building and other improvements, a Town street known as Arnaud Alley, and a main line of Norfolk Southern Railway. A 3.32-acre parcel (“3.32 Acre Parcel”) adjoining the 3.16 Acre Parcel has located on it part of the Norfolk Southern Railway main line, abandoned buildings and facilities which were waste water facilities for the Alba-Waldensian manufacturing plants, a Duke Energy electric substation facility, an abandoned street known as Spring Avenue or Street, and dense vegetative growth. The two parcels are shown and described on a plat of a survey for recycling recorded in Plat Book 45 at Page 236 in the Burke County Register of Deeds office. Properties surrounding the Project area are industrial, commercial and public utility parcels and the Rora Avenue S.W. public housing development owned by the Valdese Housing Authority. The Project area is zoned M-1 General Manufacturing.

3.0 Goals and Objectives of the Project.

3.1 The Project goals are, among other things: economic development; clearance of a dilapidated building and redevelopment of the 3.16 Acre Parcel of the Land upon which the dilapidated industrial building is located; acquisition by the Town and redevelopment of the eastern one-half of the 3.32 Acre Parcel of the Land on which abandoned and blighted structures, brush, scrubs, and thickets are located and which is located adjacent to a public housing development owned by the Valdese Housing Authority; creation of jobs for persons of low and moderate income; addition to the tax base of the Town and Burke County; and improvement of the central business district of the Town.

3.2 The objectives of the Project are set forth in general terms in the following paragraphs.

4.0 Town Obligations.

4.1 The Town shall apply for a Community Development Block Grant (“CDBG”) from the North Carolina Department of Commerce in the amount of \$500,000.00 for use in acquiring title to

and demolishing the improvements located on the 3.16 Acre Parcel and acquiring title to one-half of the 3.32 Acre Parcel.

- 4.2 The Town may obtain at its expense such legal, surveying, engineering, geotechnical, and environmental assessment services as it may deem appropriate, and shall obtain at its expense such governmental permits and approvals as are required for demolition and disposal of the improvements located on the 3.16 Acre Parcel.
- 4.3 The Town shall work with and through the Western Piedmont Council of Governments for administrative assistance, advice, Project planning and development, and obtaining Project financing.
- 4.4 The Town shall contract for and pay for the demolition and disposal of the improvements acquired by it located on the 3.16 Acre Parcel from the funds received from Recycling under Paragraph 5.3 and from Town funds, with the Town funds to be reimbursed to the Town from the CDBG grant fund.

5.0 Recycling Obligations.

- 5.1 Recycling shall, immediately upon execution of this MOU, provide the Town with access to and copies of all survey plats, deeds, title insurance policies, environmental assessments, and geotechnical reports regarding the Land which it has. Recycling shall also provide the Town with access to and copies of plans and specifications for the industrial building located on the 3.16 Acre Parcel and the pumping station and tank field located on the 3.32 Acre Parcel which it may have and above ground and underground utility installation information, and other records, documents, and information relating to existing conditions of the 3.16 Acre Parcel and the 3.32 Acre Parcel and the improvements thereon and thereunder.
- 5.2 At least 60 days prior to the Town entering into the demolition contract as provided in Paragraph 4.4, Recycling shall provide the Town with a written plan for redevelopment of the 3.16 Acre Parcel, including, but not limited to, engineering and architectural plans, drawings, and specifications, a time schedule for redevelopment activities, financing for the redevelopment, environmental impact of the redevelopment, employment opportunities for persons of low and moderate income, estimated property tax generated by the redevelopment, traffic impact of receiving and disposing of industrial wastewater, and the method of disposing of treated wastewater and residual matter removed from the wastewater.
- 5.3 Recycling shall pay to and deposit with the Town the sum of \$246,000.00 by official bank check or wire transfer for use by the Town in meeting local matching funding requirements for the CDBG grant and for paying for the demolition and disposal of the 3.16 Acre Parcel improvements. Together with the CDBG grant funds, the initial Project budget will be \$746,000. As permitted by the grant management requirements and applicable law, and in the event that the Project costs do not exhaust budgeted funds, 25% of funds not expended for the Project shall be refunded to Recycling. Recycling shall be responsible for payment of any and all project costs in excess of the initial Project budget.
- 5.4 Recycling shall preform all requirements of the CDBG grant agreement which are applicable to it.

- 5.5 Recycling shall sever the improvements on the 3.16 Acre Parcel from the land and shall convey all improvements located on that parcel to the Town free and clear of all liens and encumbrances.
- 5.6 Recycling represents to the Town that it has caused a Phase One environmental investigation of both the 3.16 Acre Parcel and the 3.32 Acre Parcel and Recycling shall provide a copy of the Phase One Environmental Report for both parcels immediately upon the signing of this MOU.
- 5.7 Recycling shall have a survey performed dividing the 3.32 Acre Parcel into approximately equal halves as directed by the Town and a plat of the survey recorded in the office of the Burke County register of Deeds. Recycling will convey the eastern one-half of the 3.32 Acre Parcel to the Town for the sum of one dollar by general warranty deed free and clear of all claims and encumbrances except for any rights of way of Duke Energy, Norfolk Southern Railway, Spring Avenue SW, and Praley Street.
- 5.8 Recycling shall enter into a ground lease with the Town of the 3.16 Acre Parcel for a period of one year for the sum of one dollar and shall execute a memorandum of the lease for recording in the office of the Register of Deeds of Burke County.
- 5.9 The performance of Recycling's obligations under Paragraphs 5.3, 5.5, 5.7, 5.58, 5.11 and 5.12 shall occur on a date agreed to by the parties at least 60 days prior to the Town entering into the demolition contract described in Paragraph 4.4.
- 5.10 Recycling shall begin substantial construction of its water treatment facility no later than 90 days after receiving a notice to proceed from the Town and shall complete construction and begin operation of the facility no later than 18 months following the beginning of construction.
- 5.11 Recycling shall execute and record a covenant that it will not change the use of the 3.16 acre tract for a period of 5 years following completion of construction of the facility.
- 5.12 Recycling shall provide the Town with a bond executed by Recycling and a surety company securing the performance of Recycling's Obligations and the continued operation of Recycling's water treatment facility on the 3.16 Acre Parcel for a period of 5 years following completion of construction of the facility.

6.0 Project Conditions and Assurances.

- 6.1 Performance of the Town Obligations is expressly conditioned upon the occurrence of all of the following:
 - 6.1.1 Approval of the project and this Memorandum by Town Council;
 - 6.1.2 Award of a CDBG grant in the amount of \$500,000.00 by the North Carolina Department of commerce;
 - 6.1.3 Approvals, if any are required by law, of the North Carolina Department of Natural and Cultural resources regarding the historic matters;
 - 6.1.4 Title to the Land and improvements thereon being owned by Recycling free and clear of liens and any easements or restrictions which would interfere substantially with the project;

- 6.1.5 Reports of title examinations, surveys, environmental assessments, geotechnical investigations, and cost estimates of demolition and disposal of the 3.16 Acre Parcel being acceptable to the Town;
- 6.1.6 Performance of all of Recycling Obligations satisfactory to the Town;
- 6.1.7 Receipt of the \$246,000.00 sum required by Paragraph 5.3;
- 6.1.8 Receipt of the surety bond required by paragraph 5.8 of this Memorandum.
- 6.1.9 Receipt by Town of an opinion of legal counsel to Recycling that Recycling and those acting on its behalf have the authority to execute and perform all agreements, contracts, and obligations of Recycling.

7.0 Project Time Schedule.

- 7.1 The Town shall apply for the CDBG grant no later than June 1,2018.
- 7.2 A favorable decision by the North Carolina Department of Commerce awarding the CDBG grant must be received on or before November 1, 2018.
- 7.3 If the CDBG grant is approved, grant funds will be received by the Town on a reimbursement basis.

8.0 Monitoring, Auditing, and Public Records Status.

- 8.1 The Town, the North Carolina Department of Commerce, the United States Department of Housing and Urban Development, and other state and federal authorities shall have the right to monitor and access the books and records of the Town and Recycling for purposes of determining compliance with legal requirements and CDBG grant terms and conditions.
- 8.2 Recycling understands that the Town is required by law to undergo an annual independent audit and may be audited by the North Carolina Local Government Commission and the North Carolina State Auditor, and Recycling agrees that the books and records of Recycling as they relate to this MOU shall be accessible to those auditors.
- 8.3 The Town and Recycling understand and agree that, except for records which are by law made confidential, all records relating to the Project are public records under North Carolina law and are subject to inspection and copying.

9.0 Termination of MOU.

- 9.1 This MOU shall automatically and immediately terminate if the CDBG grant contemplated for the Project is not awarded to the Town.
- 9.2 Once any amount of CDBG grant funds have been expended (reimbursed to the Town) neither party may terminate this MOU.

10.0 Contacts and Notices.

- 10.1 The persons to contact and their contact information regarding this MOU are:

- 10.1.1 As to the Town:
 - Seth Eckard, Town Manager
 - Town of Valdese
 - P.O. Box 339
 - Valdese NC 28690
 - 828-879-2116

seckard@valdesenc.gov

10.1.2 As to Recycling:
Henry Derr Leonhardt, II
3208 Twin Leaf Drive
Raleigh, NC 27613

10.2 Notices given in connection with this MOU shall be in writing and, if routine, may be sent by facsimile, email, or first-class U.S. Postal Service mail, but if not routine, shall be hand delivered, sent by certified mail, return receipt requested, or by overnight courier.

11.0 Legal Status of MOU. This MOU is intended to memorialize the current understanding between the parties regarding the basic scope and structure of the Project. It is not intended as, and shall not be considered, a binding obligation of either party, but rather a commitment to continue to work diligently and in good faith toward the goals and objectives outlined herein. If the Project proceeds to a state of being achievable, definitive agreements and documentation will be negotiated and executed by the parties and a final transaction closing date and time will be set.

12.0 Attachments.

- 12.01 Project area boundary survey plat.
- 12.02 Existing Conditions Photographs.
- 12.03 Town Zoning Map of project Area.
- 12.04 Recycling Preliminary Redevelopment Site Plan.

IN WITNESS WHEREOF, the Town has caused this Memorandum to be executed by its Mayor and recycling has caused this Memorandum to the executed by its Member and Manager, all by authority duly give, as of the day and year first above written.

TOWN OF VALDESE

VADESE WATER RECYCLING, LLC

By: _____

By: _____

Mayor

Member and Manager

TOWN OF VALDESE
COMMUNITY DEVELOPMENT BLOCK GRANT APPLICATION
NOTICE OF SECOND PUBLIC HEARING

The Town of Valdese is holding a public hearing to discuss a Community Development Block Grant (CDBG) Economic Development grant request to be submitted to the North Carolina Department of Commerce. The request is for a \$500,000 economic development demolition grant to remove the old Alba Waldensian plant located at 408 Praley Street, SW, Valdese, North Carolina.

The Public Hearing will be held before the Valdese Town Council on Monday, April 2, 2018, at 6:00 p.m., Valdese Town Hall Council Chambers located at 102 Massel Avenue, SW, Valdese, North Carolina. Attendance is encouraged at this Public Hearing to discuss the CDBG program.

The Town of Valdese holds all public meetings in accessible rooms. Special requests for accommodations should be submitted by individuals at least 48 hours before the scheduled meeting time. Contact Thelda Rhoney, Town Clerk at 828 879-2120 or TDD 711 for additional information.

This information is available in Spanish or any other language upon request. Please contact Courtney Kennedy at 828 879-2120 or at P.O. Box 339 (mailing) 102 Massel Avenue, SW, Valdese, NC 28690 for accommodations for this request.

Esta información está disponible en español o en cualquier otro idioma bajo petición. Por favor, póngase en contacto con Courtney Kennedy al 828 879-2120 o en Valdese de alojamiento para esta solicitud.

Publish: March 21, 2018

Affidavit Required.
Non-legal block ad.
Fair Housing and HUD logos.

**RESOLUTION
TOWN OF VALDESE
COMMUNITY DEVELOPMENT BLOCK GRANT APPLICATION
ALBA WALDENSIAN BUILDING DEMOLITION PROJECT**

WHEREAS, the Valdese Town Council has previously indicated its desire to assist in economic development efforts within the Town; and,

WHEREAS, the Valdese Town Council has held two public hearings concerning the proposed application for Community Development Block Grant funding to benefit Valdese Water Recycling, LLC; and,

WHEREAS, the Valdese Town Council wishes the Town to pursue a formal application for Community Development Block Grant funding to benefit Valdese Water Recycling, LLC; and will require the property owner to invest monies in the amount of \$125,000 (or 25% of the project costs) into the project as committed to in the application.

WHEREAS, the Valdese Town Council certifies it will meet all federal regulatory and statutory requirements of the Small Cities Community Development Block Grant Program,

NOW THEREFORE BE IT RESOLVED, BY THE VALDESE TOWN COUNCIL:

That Seth Eckard, Town Manager, and successors so titled, is hereby authorized to execute and file an application on behalf of the Town of Valdese with The NC Department of Commerce for approval of a Community Development Block Grant for Economic Development to benefit Valdese Water Recycling, LLC.

That Seth Eckard, Town Manager, and successors so titled, is hereby authorized and directed to furnish such information as The NC Department of Commerce may request in connection with such application or the project; to make the assurances as contained above; and to execute such other documents as may be required in connection with the application.

That the Town of Valdese has substantially complied or will substantially comply with all Federal, State, and local laws, rules, regulations, and ordinances applicable to the project and to the grants pertaining thereto.

Adopted this the 2nd day of April, 2018 at Valdese, North Carolina.

John F. Black, Jr., Mayor

ATTEST:

Courtney Kennedy, Clerk to the Board

**TOWN OF VALDESE
AUTHORIZING RESOLUTION
APPLICATION FOR FUNDING FROM
NC DEQ DIVISION OF WATER INFRASTRUCTURE
FOR A
DRINKING WATER IMPROVEMENT PROEJCT**

WHEREAS, The Federal Clean Water Act Amendments of 1987 and Safe Drinking Water Act Amendments of 1996 and the North Carolina Water Infrastructure Act of 2005 (NCGS 159G) have authorized the making of loans and grants to aid eligible units of government in financing the cost of construction of wastewater or drinking water system improvements, and

WHEREAS, The Town of Valdese has need for and intends to construct a drinking water system project described as the Main Street Water Line Replacement Project; and

WHEREAS, The Town of Valdese intends to request State and/or Federal (loan, forgivable principal or grant) funding assistance for the project,

NOW THEREFORE BE IT RESOLVED, BY THE VALDESE TOWN COUNCIL:

That Town of Valdese, the **Applicant**, will arrange financing for all remaining costs of the project, if approved for a State and/or Federal (loan or grant) award.

That the **Applicant** will adopt and place into effect on or before completion of the project a schedule of fees and charges and other available funds which will provide adequate funds for proper operation, maintenance, and administration of the system and the repayment of all principal and interest on the debt.

That the governing body of the **Applicant** agrees to include in the loan agreement a provision authorizing the State Treasurer, upon failure of the Town of Valdese to make scheduled repayment of the loan, to withhold from the Town of Valdese any State funds that would otherwise be distributed to the local government unit in an amount sufficient to pay all sums then due and payable to the State as a repayment of the loan.

That the **Applicant** will provide for efficient operation and maintenance of the project on completion of construction thereof.

That Seth Eckard, Town Manager, the **Authorized Official**, and successors so titled, is hereby authorized to execute and file an application on behalf of the **Applicant** with the State of North Carolina for a (loan or grant) to aid in the construction of the project described above.

That the **Authorized Official**, and successors so titled, is hereby authorized and directed to furnish such information as the appropriate State agency may request in connection with such application for the project: to make the assurances as contained above; and to execute such other documents as may be required in connection with the application.

That the **Applicant** has substantially complied or will substantially comply with all Federal, State, and local laws, rules, regulations, and ordinances applicable to the project and to Federal and State grants and loans pertaining thereto.

Adopted this the _____ day of April of 2018 at Valdese, North Carolina.

John F. Black, Jr., Mayor

CERTIFICATION BY RECORDING OFFICER

The undersigned duly qualified and acting Clerk of Local Government does hereby certify: That the attached resolution is a true and correct copy of the resolution authorizing the filing of an application with the State of North Carolina, as regularly adopted at a legally convened meeting of the Local Government Governing Board duly held on the ____ day of September 2017; further, that such resolution has been fully recorded in the journal of proceedings and records in my office. IN WITNESS WHEREOF, I have hereunto set my hand this the ____ day of _____, 2018.

Frances Hildebran, Town Clerk

Notary

North Carolina, _____ County

I, _____ a Notary Public for _____ County, North Carolina, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and official seal this the ____ day of _____ 2018.

(Signature of Notary)

My commission expires: _____

**TOWN OF VALDESE
AUTHORIZING RESOLUTION
APPLICATION FOR FUNDING FROM
NC DEQ DIVISION OF WATER INFRASTRUCTURE
FOR A
DRINKING WATER IMPROVEMENT PROEJCT**

WHEREAS, The Federal Clean Water Act Amendments of 1987 and Safe Drinking Water Act Amendments of 1996 and the North Carolina Water Infrastructure Act of 2005 (NCGS 159G) have authorized the making of loans and grants to aid eligible units of government in financing the cost of construction of wastewater or drinking water system improvements, and

WHEREAS, The Town of Valdese has need for and intends to construct a drinking water system project described as the Water Treatment Plant Bleach Conversion Project; and

WHEREAS, The Town of Valdese intends to request State and/or Federal (loan, forgivable principal or grant) funding assistance for the project,

NOW THEREFORE BE IT RESOLVED, BY THE VALDESE TOWN COUNCIL:

That Town of Valdese, the **Applicant**, will arrange financing for all remaining costs of the project, if approved for a State and/or Federal (loan or grant) award.

That the **Applicant** will adopt and place into effect on or before completion of the project a schedule of fees and charges and other available funds which will provide adequate funds for proper operation, maintenance, and administration of the system and the repayment of all principal and interest on the debt.

That the governing body of the **Applicant** agrees to include in the loan agreement a provision authorizing the State Treasurer, upon failure of the Town of Valdese to make scheduled repayment of the loan, to withhold from the Town of Valdese any State funds that would otherwise be distributed to the local government unit in an amount sufficient to pay all sums then due and payable to the State as a repayment of the loan.

That the **Applicant** will provide for efficient operation and maintenance of the project on completion of construction thereof.

That Seth Eckard, Town Manager, the **Authorized Official**, and successors so titled, is hereby authorized to execute and file an application on behalf of the **Applicant** with the State of North Carolina for a (loan or grant) to aid in the construction of the project described above.

That the **Authorized Official**, and successors so titled, is hereby authorized and directed to furnish such information as the appropriate State agency may request in connection with such application for the project: to make the assurances as contained above; and to execute such other documents as may be required in connection with the application.

That the **Applicant** has substantially complied or will substantially comply with all Federal, State, and local laws, rules, regulations, and ordinances applicable to the project and to Federal and State grants and loans pertaining thereto.

Adopted this the _____ day of April of 2018 at Valdese, North Carolina.

John F. Black, Jr., Mayor

CERTIFICATION BY RECORDING OFFICER

The undersigned duly qualified and acting Clerk of Local Government does hereby certify: That the attached resolution is a true and correct copy of the resolution authorizing the filing of an application with the State of North Carolina, as regularly adopted at a legally convened meeting of the Local Government Governing Board duly held on the ____ day of September 2017; further, that such resolution has been fully recorded in the journal of proceedings and records in my office. IN WITNESS WHEREOF, I have hereunto set my hand this the ____ day of _____, 2018.

Frances Hildebran, Town Clerk

Notary

North Carolina, _____ County

I, _____ a Notary Public for _____ County, North Carolina, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and official seal this the ____ day of _____ 2018.

(Signature of Notary)

My commission expires: _____

**A RESOLUTION ACKNOWLEDGING AND ACCEPTING UPDATES TO THE
TOWN OF VALDESE WATER AND SEWER ENTERPRISE FUND
CAPITAL IMPROVEMENTS PLAN**

WHEREAS, the Town of Valdese recognizes the need to plan for the future in all aspects related to delivering quality and efficient public services to the citizens of Valdese; and,

WHEREAS, there is a need to continue efficiently managing Town assets, to reduce cost, protect property and operate in a more proactive fashion; and,

WHEREAS, a Capital Improvements Plan for the Town's water and sewer enterprise fund aids in planning the cost of doing business, improve the level of service, protect the local environment, ensure continued viability of the Town's enterprise fund, and,

WHEREAS, the Town of Valdese is ready to implement an updated Capital Improvements Plan; and,

WHEREAS, the matter has been reviewed by Town Council, Town Manager, and other Town staff.

NOW THEREFORE BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF VALDESE, NORTH CAROLINA:

The Town Council acknowledges, accepts, and approves the document entitled Capital Improvements Plan, March 2018, Town of Valdese.

The Town Manager of the Town of Valdese is hereby directed to cause Town staff to follow the items found in the Capital Improvements Plan as reasonably as possible for the operation and maintenance of the Town of Valdese Water and Sewer Systems.

Adopted and approved this the _____ day of _____ 2018.

John F. Black, Jr., Mayor

ATTEST:

Frances Hildebran, Town Clerk



Town of Valdese

Agenda Packet

Communication Notes

Submitted by: Bryan Duckworth
Public Works Director

Department: Public Works
Street Department

Contact Number: 828-879-2128

Date Submitted: March 26, 2018

Email: bduckworth@valdesenc.gov

Date of Council Meeting to consider item: April 2, 2018

Council Action Requested: Traffic Signal Discussion – Intersection of St Germain Ave. and Rodoret St.

Funding – Street Department / Powell Bill \$3000.00

Special Information:

Attached is the full engineer report for the intersection redesign for St. Germain / Rodoret and Massel Ave / Rodoret intersections. Pending approval by staff and Council, it is Public Works recommendation to follow the suggested improvements from Teague Engineering for these intersection upgrades. Changes will be phased, to include the resurfacing of these intersections as a part of a scheduled waterline replacement project. The signal at St Germain/Rodoret will be eventually be removed and replaced with stop signs and stop bars on Rodoret St. The stop will also be change at Massel Ave / Rodoret to allow East/West traffic flow, consistent with other intersection throughout town.



REPORT OF FINDINGS

INTERSECTION ASSESSMENT

ST. GERMAIN AVENUE @ RODORET STREET
MASSEL AVENUE @ RODORET STREET
VALDESE, NORTH CAROLINA

Prepared For:

Bryan Duckworth
Public Works Director – Valdese
P.O. Box 339
Valdese, NC 28690

Prepared By:

J.M. Teague Engineering & Planning
525 North Main Street
Waynesville, North Carolina 28786



March 2018

JMT Project #WAYN 0825

Phone: 828-456-8383
Fax: 828-456-8797

525 NORTH MAIN STREET
WAYNESVILLE, NC 28786

"ENGINEERED FOR SMALL TOWN SOLUTIONS"
www.jmteagueengineering.com

INTRODUCTION AND BACKGROUND

This report summarizes the findings of two intersection assessments located at St. Germain Avenue @ Rodoret Street and Massel Avenue @ Rodoret Street (Figure 1). The Town of Valdese asked J.M. Teague Engineering and Planning to assess the above-stated locations for possible safety and operational improvements. Specifically, the Town expressed an interest in evaluating for signal warrants and stop control, at these intersections. Intersection sight distance was also evaluated as part of this study.



FIGURE 1 – STUDIED INTERSECTIONS (ST. GERMAIN AVE @ RODORET ST AND MASSEL AVE @ RODORET ST)

Massel Avenue is a residential street running west from Laurel Street and ending at Praley Street with a total length of approximately 0.43 of a mile. St. Germain Avenue is a residential street running west from Laurel Street and ending at Colombo Street with a total length of approximately 0.55 of a mile. Rodoret Street is a residential street running north and intersects Massel Avenue and St. Germain Avenue. A railroad crossing is located on Rodoret Street approximately 140 feet south of Massel Avenue.

The Town of Valdese has a citywide speed limit of 25 mph. Massel Avenue is about 33 feet in width. St. Germain Avenue ranges from 27 to 32 feet in width. Rodoret Street ranges from 27 to 40 feet in width.

The only pavement markings along Massel Avenue are faded stop bars. The pavement markings along St. Germain Avenue are faded stop bars and on-street parking spaces. The pavement along Rodoret Street consist of stop bars and on-street parking. There are multiple private residential driveways along each roadway within the vicinity of the studied intersection. Currently, the intersection of Massel Avenue @ Rodoret Street has two stop signs at each Massel Avenue approach. The intersection of St. Germain Avenue @ Rodoret Street is controlled by a traffic signal. The St. Germain Avenue approaches flash yellow and the Rodoret Street approaches flash red.

DATA COLLECTION

In preparation for the “Stop Control” assessment, a 13-hour vehicle turn movement count was conducted from 6:00 AM to 7:00 PM at the intersections of St. Germain Avenue @ Rodoret Street and Massel Avenue @ Rodoret Street to determine prevailing vehicle volumes and classifications. *Figure 2* below depicts the 13-hour approach volume totals. The complete turning movement count data can be found in *Appendix A*.

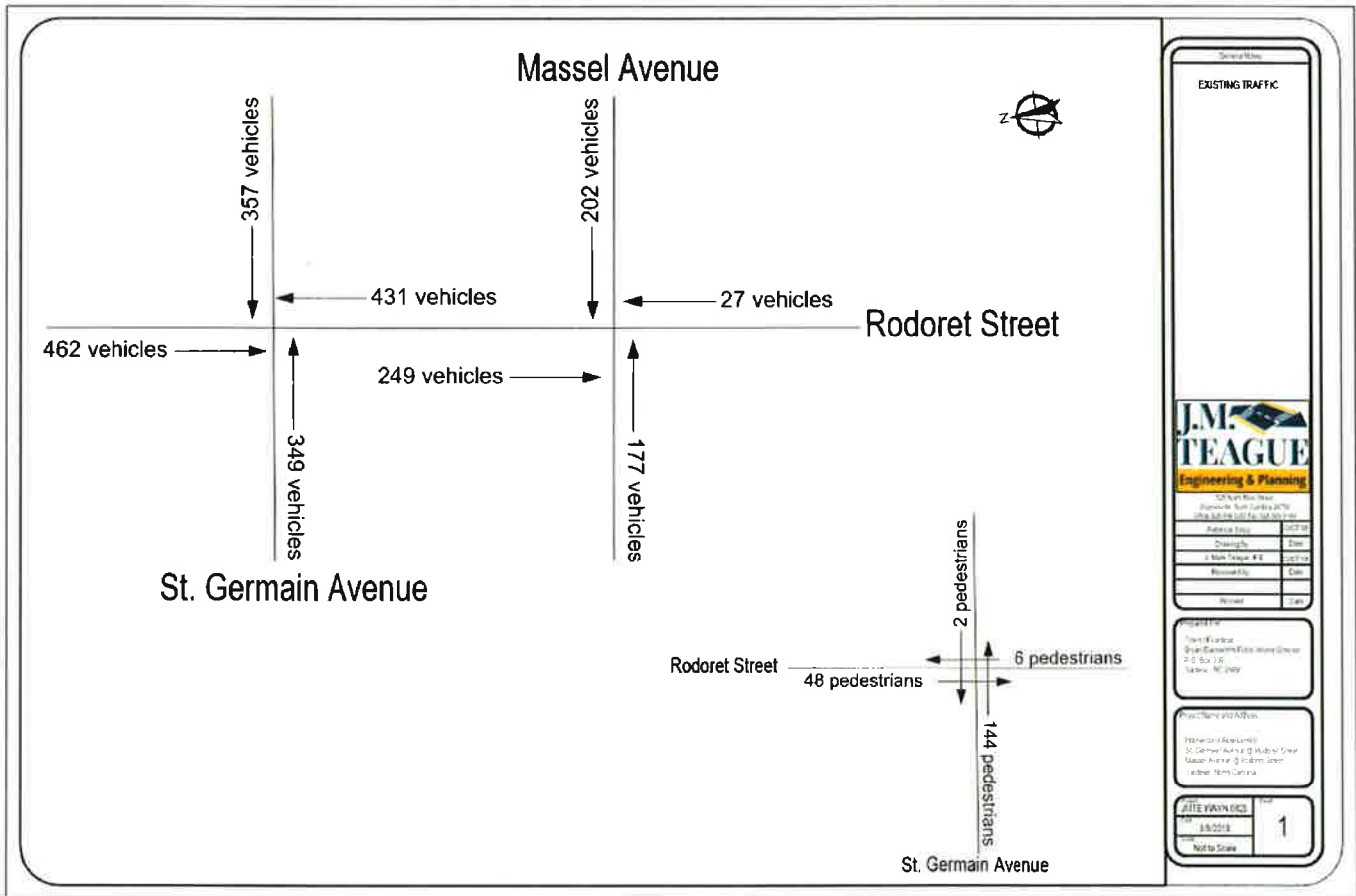


FIGURE 2 – 13-HOUR APPROACH VOLUME TOTALS

METHODOLOGY

SIGNAL WARRANT ANALYSIS

According to the MUTCD, the need for a traffic signal shall include an analysis of the factors related to the operation and safety at a particular location. These factors are contained within 9 established traffic signal warrants. In many cases, Warrant 1 – “Eight Hour Vehicle Volumes”, Warrant 2 – “Four Hour Vehicle Volumes”, and Warrant 3 – “Peak Hour” carry more weight than any of the other traffic signal warrants.

The MUTCD establishes different signal warrant volume thresholds for rural areas as opposed to urban areas. Because the assumed 85th percentile speed limit is less than 40 mph and this intersection does not lie in a built-up area of an isolated community having a population of less than 10,000, this particular proposed development falls under the rural category according to MUTCD methodology.

Signal warrants were evaluated at the intersection of St. Germaine Avenue and Rodoret Street using 13-hour turn movement traffic counts, NCDOT approved software, PC warrants was used in this process.

MULTI-WAY STOP APPLICATION (MWSA)

The Manual on Uniform Traffic Control Devices (MUTCD) provides guidance for determining when a “multi-way stop” is warranted at a given intersection. According to the MUTCD, “*Multi-way stop control can be useful as a safety measure at intersections if certain traffic conditions exist. Safety concerns associated with multi-way stops include pedestrians, bicyclists, and all road users expecting other road users to stop. Multi-way stop control is used where the volume of traffic on the intersecting roads is approximately equal.*” The MUTCD also provides guidance that an MWSA can be considered on two residential streets with similar characteristics and at locations where sight distance is restricted causing difficulty for cross traffic to negotiate the intersection. Both intersections were evaluated for multi-way stop applications.

SIGHT DISTANCE

In accordance with the methodology established by *A Policy on Geometric Design of Highways and Streets* published by the American Association of State Highway and Transportation Officials (AASHTO), available sight distance was measured for existing conditions on all approaches of both study intersections. As established by AASHTO, these measurements were made applying appropriate driver eye location (3.5 feet above roadway surface) and vehicle placement (14.5 feet back from the edge of intersecting roadway).

Intersection sight distance is the sight distance needed for a vehicle to turn out from a side street and completely enter its intended travel lane on the major road. There are no specific sight distance criteria specified by AASHTO for intersections with MWSA other than the ability for all approaches to have a clear view of the first stopped vehicles at the intersection. *Table 1 and 2* show the existing measured values for intersection sight distance.

Table 1 shows these existing measured values compared to the AASHTO required footage for intersection sight distance. The required AASHTO distances are based on the 25-mph implied speed limit on St. Germain Avenue and on Rodoret Street.

ASSESSMENT & RECOMMENDATIONS - ST. GERMAIN AVENUE @ RODORET STREET

TRAFFIC SIGNAL

The traffic signal does not meet any of the warrants for a traffic signal under rural conditions. Based on the traffic signal warrant analysis it is recommended the traffic signal be removed. The complete signal warrant data can be found in Appendix B.

INTERSECTION CONTROL

As discussed above, the MUTCD states that multi-way stop control can be used where approach volumes are similar, which is the case at this intersection. However, stop control at intersections is also important to protect pedestrians which have been observed during the site visit and on video recordings of the intersection. Field observations and turning movement data also show traffic currently stopping at the north and southbound approach to the intersection. This driver behavior is likely exhibited due to existing roadway characteristics along with positive and negative grades approaching the intersection and parking spaces along both sides of the street.

Stop signs are recommended on the northbound and southbound approaches on Rodoret Street. The intersection approach traffic volumes, roadway characteristics and the existing driver behavior at the intersection justify this traffic control configuration. This stop sign placement will also protect the high pedestrian volume with an established pedestrian traffic pattern traveling east and west from the U.S. Post Office to the on-street parking.

Pavement markings should be updated and/or improved to indicate the recommended stop sign placement and associated intersection operation. The parking space adjacent to the intersection at the southbound approach should be removed per the “Uniform Vehicle Code” referenced in the MUTCD which calls for a minimum of 20 feet between parking zone and crosswalk.

Additional options to further promote traffic and pedestrian safety at the intersection include the installation of an advance traffic control “stop ahead” warning signs on the southbound and northbound approaches of Rodoret Street at St. Germain Avenue. This sign would help to increase driver awareness of stop signs ahead and serve as another safety measure for pedestrians crossing the roadway. An example of this sign is below.



When the Town of Valdese resurfaces the streets throughout these intersections, it is recommended that the pedestrian ADA ramps be re-configured to align with proper crosswalk placement approximately 6 feet back from the edge of each intersection approach. It is also recommended that the crosswalks be re-installed to align with the newly placed ADA ramps and be upgraded to high visibility crosswalks as shown below.



SIGHT DISTANCE

In the table below the sight distance looking left and right at both stop sign recommended approaches is below the suggested AASHTO requirements. In order to reduce these ISD requirements it is recommended that an Intersection Warning Sign (W2-1) along with a 15-mph advisory speed plaque (W13-1P) be installed on both the east and westbound approach to the intersection on St. Germain Avenue. A depiction of the recommended warning sign and speed advisory plaque is shown below.



The sight distance at the northbound approach of Rodoret Street looking to the right can be improved by removing the signal box on the utility pole. Also, trimming or removing the tree closest to the intersection in the southeast quadrant will greatly improve visibility.

APPROACH	VIEW	MEASURED SIGHT DISTANCE (FEET)	AASHTO REQUIRED ISD (FEET)
St. Germain Ave (Westbound)	Looking left onto Rodoret St.	94	-
	Looking right onto Rodoret St.	277	-
St. Germain Ave (Eastbound)	Looking left onto Rodoret St.	48	-
	Looking right onto Rodoret St.	266	-
Rodoret Street (Southbound)	Looking left onto St Germain Ave.	140	280
	Looking right onto St Germain Ave.	250	240
Rodoret Street (Northbound)	Looking left onto St Germain Ave.	168	280
	Looking right onto St Germain Ave.	70	240

Table 2 – St. Germain Avenue @ Rodoret Street

ASSESSMENT & RECOMMENDATIONS - MASSEL AVENUE @ RODORET STREET

TRAFFIC SIGNAL

The intersection of Massel Avenue @ Rodoret Street was not evaluated for a traffic signal per the project scope.

INTERSECTION CONTROL

Because of the surrounding roadway network and existing traffic patterns, it is recommended the stop signs on Massel Avenue approaches be removed and placed on the Rodoret Street approaches.

As discussed above, the MUTCD states that multi-way stop control can be used where approach volumes are similar. As can be seen from the data collection found in Appendix A and Figure 2, the approach volumes are not equal.

The need for stop control was identified due to roadway layout and existing traffic patterns. The northbound and southbound total average approach volume indicates that this movement can be considered the minor approach of this intersection. The northbound approach that crosses the railroad tracks has a very low traffic volume throughout the day when compared to the other three approaches. The low volumes on this approach encourage this intersection to operate as if it were a T-intersection. This traffic pattern creates a driver expectation that Massel Avenue operates as the major approach.

Pavement markings should be updated and/or improved to indicate the recommended stop sign placement and associated intersection operation. Repair the stormwater drainage located at the southeast corner of the intersection or install an object marker for obstructions adjacent to the roadway (MUTCD 2C.64).

Sight Distance

Sight distance on the southbound Rodoret Street looking left is restricted by the roadway grade. The intersection sight distance requirement below shows that the sight distance is not adequate for this approach. Thus, it is also recommended that an Intersection Warning Sign (W2-1) along with a 15-mph advisory speed plaque (W13-1P) be installed along the westbound Massel Ave approach.

APPROACH	VIEW	MEASURED SIGHT DISTANCE (FEET)	AASHTO REQUIRED ISD (FEET)
Massel Avenue (Westbound)	Looking left onto Rodoret St	174	-
	Looking right onto Rodoret St	245	-
Massel Avenue (Eastbound)	Looking left onto Rodoret St	212	-
	Looking right onto Rodoret St	368	-
Rodoret Street (Southbound)	Looking left onto Massel Ave	164	280
	Looking right onto Massel Ave	435	240
Rodoret Street (Northbound)	Looking left onto Massel Ave	510	280
	Looking right onto Massel Ave	384	240

Table 1 – Massel Avenue @ Rodoret Street

SUMMARY

ST. GERMAIN AVENUE @ RODORET STREET

- Warrants are not met for a signalized intersection - remove the traffic signal per the signal warrant
- Convert intersection to Two-Way Stop Control by adding 2 stop signs on both Rodoret Street approaches
- Install 2 - Intersection Warning Signs (W2-1) along with a 15-mph advisory speed plaque (W13-1P) along the eastbound and westbound approach
- Remove parking space along the southbound approach nearest the intersection
- Ensure that all stop signs meet the MUTCD reflectivity and height requirements
- Improve sight distance for the northbound approach of Rodoret Street looking right by removing the signal box from the utility pole and trimming or removing the tree closest to the intersection
- Improve pedestrian ramps and install high visibility crosswalks
- Consider installing advance traffic control "stop ahead" warning signs on the southbound and northbound approaches

MASSEL AVENUE @ RODORET STREET

- Remove the stop signs on the Massel Avenue approaches
- Install stop signs on the Rodoret Street approaches
- Install 1 - Intersection Warning Sign (W2-1) along with a 15-mph advisory speed plaque (W13-1P) along the westbound approach
- Repair stormwater drainage
- Consider installing object marker for obstructions adjacent to the roadway sign

Please advise if you need additional information or need to discuss this assessment, J.M. Teague Engineering and Planning is pleased to provide this report and look forward to continued collaboration with the Town of Valdese.

Appendix A

Turning Movement Counts

J.M. Teague Engineering & Planning
525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-Massel Ave @ Rodoret St - 02.08.18
Site Code : 020818
Start Date : 2/8/2018
Page No : 1

Groups Printed- All Vehicles

Start Time	Rodoret Street S Southbound					Massel Avenue SW Westbound					Rodoret Street S Northbound					Massel Avenue SW Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
01:00 PM	4	0	1	0	5	0	3	1	0	4	0	2	0	0	2	1	4	0	1	6	17
01:15 PM	2	1	1	0	4	0	2	0	0	2	0	0	0	0	0	3	0	1	1	5	11
01:30 PM	4	0	1	0	5	0	1	1	0	2	0	2	0	0	2	1	6	0	0	7	16
01:45 PM	2	0	2	0	4	0	3	2	0	5	0	0	0	1	1	4	2	0	0	6	16
Total	12	1	5	0	18	0	9	4	0	13	0	4	0	1	5	9	12	1	2	24	60
02:00 PM	4	4	2	2	12	0	2	3	0	5	0	0	0	0	0	1	5	0	0	6	23
02:15 PM	2	1	1	0	4	2	3	0	0	5	0	0	0	0	0	0	3	0	0	3	12
02:30 PM	6	0	1	0	7	2	3	0	0	5	0	0	0	1	1	1	1	0	2	4	17
02:45 PM	1	0	4	0	5	0	2	3	0	5	0	0	1	0	1	2	3	0	2	7	18
Total	13	5	8	2	28	4	10	6	0	20	0	0	1	1	2	4	12	0	4	20	70
03:00 PM	2	0	1	0	3	0	6	0	0	6	0	0	0	0	0	1	1	0	0	2	11
03:15 PM	3	0	0	0	3	0	1	2	0	3	0	0	0	0	0	0	2	0	0	2	8
03:30 PM	1	0	5	0	6	0	3	3	0	6	0	2	0	1	3	3	2	0	0	5	20
03:45 PM	3	2	1	1	7	0	1	3	0	4	0	0	0	0	0	2	2	0	0	4	15
Total	9	2	7	1	19	0	11	8	0	19	0	2	0	1	3	6	7	0	0	13	54
04:00 PM	3	0	3	0	6	0	4	2	0	6	0	1	0	0	1	3	6	1	0	10	23
04:15 PM	2	0	0	1	3	0	4	3	0	7	0	0	0	0	0	3	2	0	0	5	15
04:30 PM	3	1	2	0	6	0	5	2	0	7	0	2	0	2	4	0	6	1	2	9	26
04:45 PM	5	1	2	3	11	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	13
Total	13	2	7	4	26	0	14	7	0	21	0	4	0	2	6	6	14	2	2	24	77
05:00 PM	2	1	2	0	5	0	2	3	0	5	0	0	0	0	0	1	3	0	0	4	14
05:15 PM	4	1	3	0	8	0	1	2	0	3	0	2	0	0	2	2	3	0	0	5	18
05:30 PM	2	0	3	0	5	0	3	1	0	4	1	0	0	0	1	1	2	0	0	3	13
05:45 PM	0	1	1	0	2	0	3	0	0	3	0	1	0	0	1	0	2	0	0	2	8
Total	8	3	9	0	20	0	9	6	0	15	1	3	0	0	4	4	10	0	0	14	53
06:00 PM	1	0	2	2	5	0	3	1	0	4	0	0	0	0	0	0	3	0	0	3	12
06:15 PM	2	1	0	0	3	0	3	0	0	3	0	1	0	0	1	1	2	0	0	3	10
06:30 PM	3	1	1	2	7	0	1	1	0	2	0	0	0	0	0	0	2	0	0	2	11
06:45 PM	1	0	1	3	5	0	2	1	0	3	0	0	0	0	0	0	1	0	0	1	9
Total	7	2	4	7	20	0	9	3	0	12	0	1	0	0	1	1	8	0	0	9	42
07:00 PM	1	0	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	3
07:15 PM	1	0	1	0	2	0	1	0	0	1	1	1	0	0	2	0	2	0	0	2	7
07:30 PM	1	1	0	0	2	0	1	1	0	2	0	0	0	0	0	0	3	0	0	3	7
07:45 PM	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	1	0	0	2	4
Total	4	1	1	0	6	0	3	3	0	6	1	1	0	0	2	1	6	0	0	7	21
08:00 PM	1	1	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
08:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
08:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	4	4
08:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	1	1	0	3	0	2	0	0	2	0	0	0	0	0	0	3	1	0	4	9
09:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
09:15 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	2
09:30 PM	2	2	0	0	4	0	1	0	0	1	0	0	0	0	0	0	1	1	0	2	7
09:45 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	2	3	0	0	5	0	1	2	0	3	0	1	0	0	1	1	1	1	0	3	12

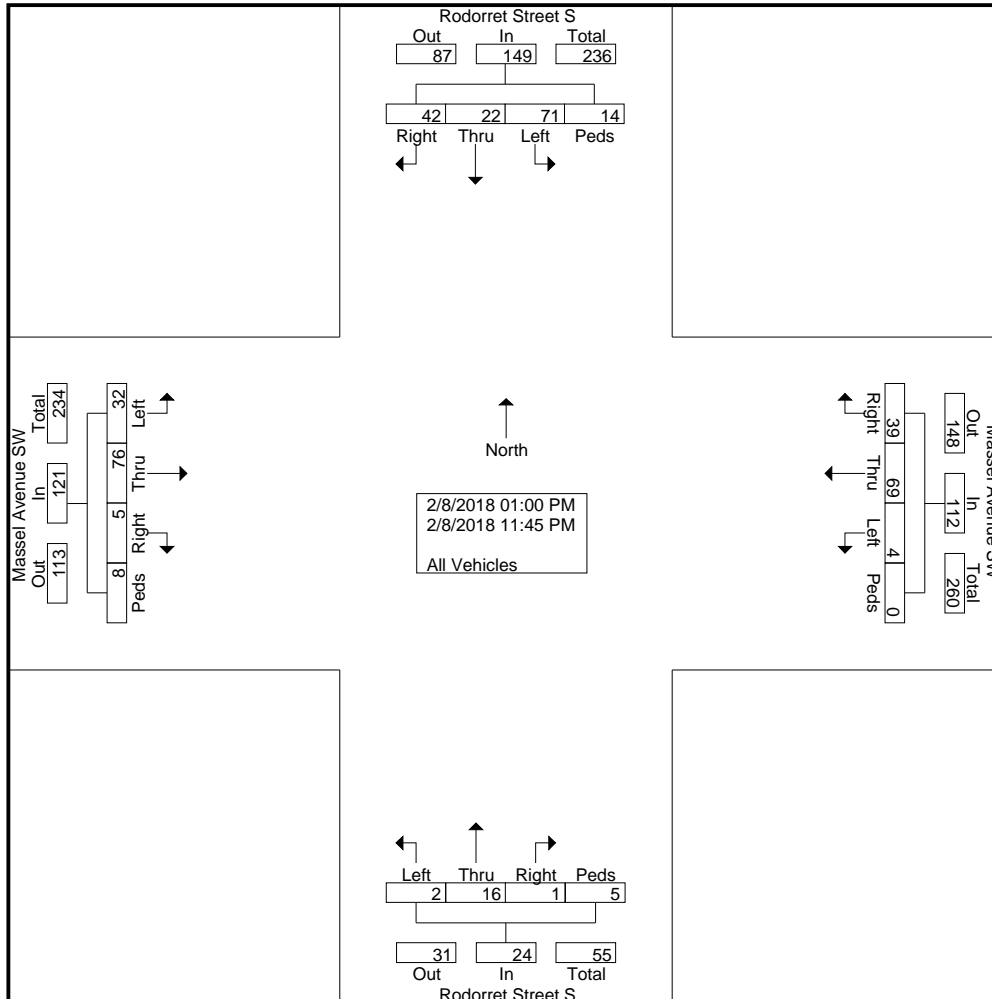
J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-Massel Ave @ Rodoret St - 02.08.18
Site Code : 020818
Start Date : 2/8/2018
Page No : 2

Groups Printed- All Vehicles

Start Time	Rodoret Street S Southbound					Massel Avenue SW Westbound					Rodoret Street S Northbound					Massel Avenue SW Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
10:00 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
10:45 PM	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	5
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
11:30 PM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	3
Grand Total	71	22	42	14	149	4	69	39	0	112	2	16	1	5	24	32	76	5	8	121	406	
Apprch %	47.7	14.8	28.2	9.4		3.6	61.6	34.8	0		8.3	66.7	4.2	20.8		26.4	62.8	4.1	6.6			
Total %	17.5	5.4	10.3	3.4	36.7	1	17	9.6	0	27.6	0.5	3.9	0.2	1.2	5.9	7.9	18.7	1.2	2	29.8		

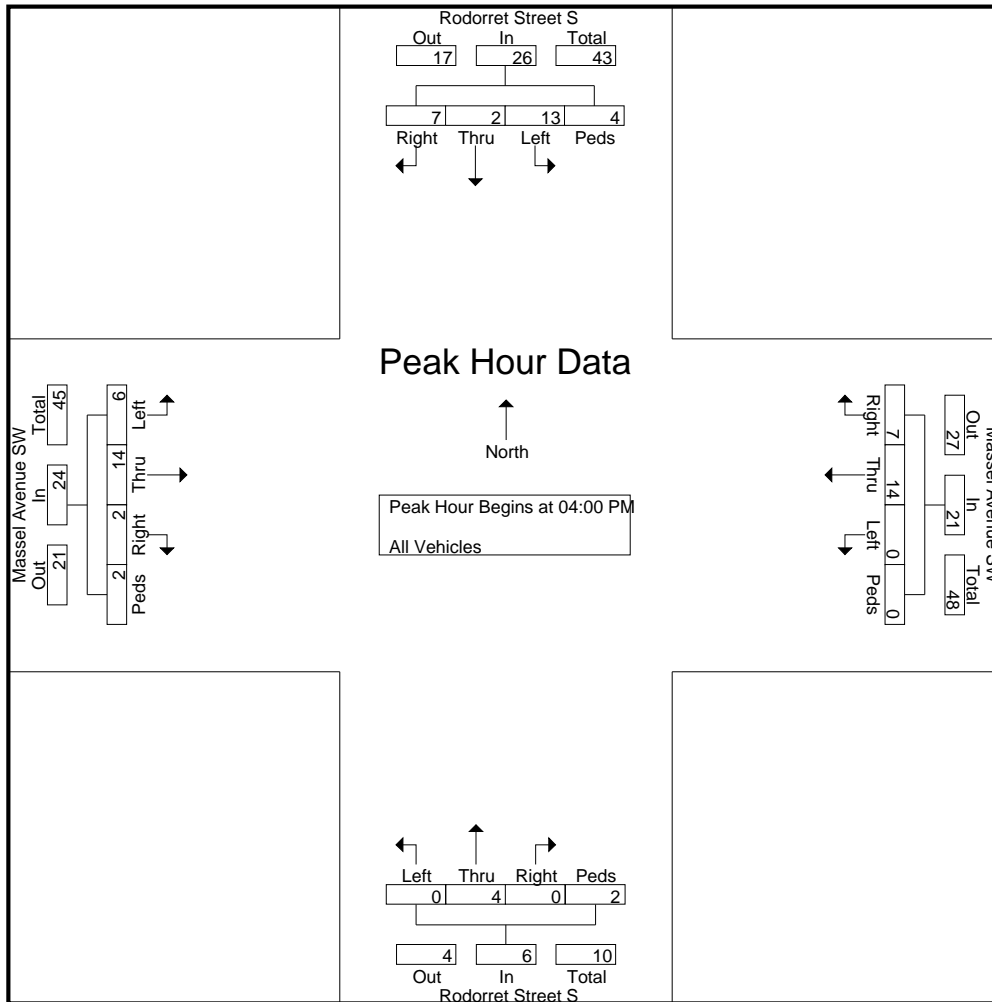


J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-Massel Ave @ Rodoret St - 02.08.18
Site Code : 020818
Start Date : 2/8/2018
Page No : 3

	Rodoret Street S Southbound					Massel Avenue SW Westbound					Rodoret Street S Northbound					Massel Avenue SW Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	3	0	3	0	6	0	4	2	0	6	0	1	0	0	1	3	6	1	0	10	23
04:15 PM	2	0	0	1	3	0	4	3	0	7	0	0	0	0	0	3	2	0	0	5	15
04:30 PM	3	1	2	0	6	0	5	2	0	7	0	2	0	2	4	0	6	1	2	9	26
04:45 PM	5	1	2	3	11	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	13
Total Volume	13	2	7	4	26	0	14	7	0	21	0	4	0	2	6	6	14	2	2	24	77
% App. Total	50	7.7	26.9	15.4		0	66.7	33.3	0		0	66.7	0	33.3		25	58.3	8.3	8.3		
PHF	.650	.500	.583	.333	.591	.000	.700	.583	.000	.750	.000	.500	.000	.250	.375	.500	.583	.500	.250	.600	.740



J.M. Teague Engineering & Planning
525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-Massell Ave @ Rodoret St - 02.09.18 - 13 hour
Site Code : 020918
Start Date : 2/9/2018
Page No : 1

Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					Massel Avenue Westbound					Rodoret Street Northbound					Massel Avenue Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
06:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	
06:15 AM	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1	3
06:30 AM	1	0	0	0	1	0	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	5
06:45 AM	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1	3
Total	3	0	0	0	3	0	4	2	0	6	0	0	0	0	0	1	2	0	0	3	12	
07:00 AM	1	1	0	0	2	0	2	1	0	3	0	0	0	0	0	0	2	0	0	2	7	
07:15 AM	0	0	1	0	1	1	1	2	0	4	0	2	0	0	2	1	0	0	0	1	8	
07:30 AM	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	2	1	0	3	9	
07:45 AM	2	0	1	0	3	1	3	1	0	5	0	0	0	0	0	1	4	0	0	5	13	
Total	3	1	2	0	6	2	12	4	0	18	0	2	0	0	2	2	8	1	0	11	37	
08:00 AM	2	0	0	2	4	0	1	3	0	4	0	0	0	0	0	0	4	1	0	5	13	
08:15 AM	1	0	1	0	2	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	5	
08:30 AM	2	1	0	0	3	0	1	0	0	1	0	0	0	0	0	1	3	0	0	4	8	
08:45 AM	2	0	1	0	3	0	0	2	0	2	0	0	0	0	0	1	2	0	0	3	8	
Total	7	1	2	2	12	0	3	7	0	10	0	0	0	0	0	2	9	1	0	12	34	
09:00 AM	1	0	4	0	5	0	1	1	0	2	0	0	0	0	0	0	2	0	0	2	9	
09:15 AM	1	1	5	0	7	0	1	1	0	2	0	1	0	0	1	0	1	0	0	1	11	
09:30 AM	0	1	1	0	2	0	2	3	0	5	0	0	1	0	1	2	2	0	0	4	12	
09:45 AM	6	1	1	0	8	0	2	2	0	4	0	0	0	0	0	1	1	0	0	2	14	
Total	8	3	11	0	22	0	6	7	0	13	0	1	1	0	2	3	6	0	0	9	46	
10:00 AM	3	0	2	0	5	0	3	2	0	5	0	0	0	0	0	3	7	0	0	10	20	
10:15 AM	2	0	2	1	5	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	8	
10:30 AM	2	2	3	0	7	0	3	0	0	3	0	1	0	0	1	0	3	0	0	3	14	
10:45 AM	3	0	4	0	7	0	3	5	0	8	0	2	0	0	2	0	3	0	0	3	20	
Total	10	2	11	1	24	0	11	8	0	19	0	3	0	0	3	3	13	0	0	16	62	
11:00 AM	3	1	1	0	5	0	2	3	0	5	0	0	0	0	0	0	1	0	0	1	11	
11:15 AM	5	0	1	0	6	0	2	3	0	5	0	0	0	0	0	1	1	0	0	2	13	
11:30 AM	5	1	1	0	7	0	0	4	0	4	0	1	0	0	1	0	1	0	0	1	13	
11:45 AM	2	0	2	0	4	0	2	2	0	4	0	0	0	0	0	1	5	0	0	6	14	
Total	15	2	5	0	22	0	6	12	0	18	0	1	0	0	1	2	8	0	0	10	51	
12:00 PM	6	0	0	0	6	0	2	4	0	6	0	0	0	0	0	0	2	0	0	2	14	
12:15 PM	2	0	2	0	4	0	0	2	0	2	0	0	0	0	0	2	2	0	0	4	10	
12:30 PM	5	1	1	1	8	0	2	3	0	5	0	0	0	0	0	3	3	0	1	7	20	
12:45 PM	2	2	2	0	6	0	4	2	0	6	0	0	0	0	0	1	2	0	0	3	15	
Total	15	3	5	1	24	0	8	11	0	19	0	0	0	0	0	6	9	0	1	16	59	
01:00 PM	5	0	2	0	7	0	1	1	0	2	0	0	0	0	0	1	3	0	0	4	13	
01:15 PM	3	0	1	0	4	0	2	2	0	4	0	0	0	0	0	1	4	0	0	5	13	
01:30 PM	1	0	0	0	1	1	4	2	0	7	1	0	1	0	2	1	2	0	0	3	13	
01:45 PM	4	0	1	0	5	0	1	2	0	3	0	0	0	0	0	3	2	0	1	6	14	
Total	13	0	4	0	17	1	8	7	0	16	1	0	1	0	2	6	11	0	1	18	53	
02:00 PM	5	1	3	0	9	1	3	1	0	5	0	0	0	0	0	2	2	0	0	4	18	
02:15 PM	4	1	2	0	7	0	2	4	0	6	1	0	0	0	1	1	3	0	0	4	18	
02:30 PM	4	0	4	0	8	0	2	5	0	7	0	0	0	0	0	1	2	0	0	3	18	
02:45 PM	1	0	4	0	5	0	3	2	0	5	0	2	0	0	2	3	3	0	0	6	18	
Total	14	2	13	0	29	1	10	12	0	23	1	2	0	0	3	7	10	0	0	17	72	

J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786

828-456-8383

File Name : 0825-Massell Ave @ Rodoret St - 02.09.18 - 13 hour

Site Code : 020918

Start Date : 2/9/2018

Page No : 2

Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					Massel Avenue Westbound					Rodoret Street Northbound					Massel Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
03:00 PM	6	1	3	0	10	0	2	3	0	5	0	1	0	0	1	2	2	0	0	4	20
03:15 PM	4	0	2	0	6	0	4	2	0	6	0	0	0	0	0	5	6	0	0	11	23
03:30 PM	3	0	3	0	6	0	3	1	0	4	0	1	0	0	1	1	5	1	0	7	18
03:45 PM	9	1	2	0	12	1	1	1	0	3	1	1	0	0	2	0	3	0	0	3	20
Total	22	2	10	0	34	1	10	7	0	18	1	3	0	0	4	8	16	1	0	25	81
04:00 PM	5	2	5	0	12	0	1	2	0	3	0	0	0	1	1	2	6	0	0	8	24
04:15 PM	3	0	3	0	6	1	3	2	0	6	0	0	0	0	0	2	3	0	0	5	17
04:30 PM	1	1	2	1	5	0	0	5	0	5	0	1	0	0	1	0	3	0	0	3	14
04:45 PM	4	0	1	0	5	0	2	4	0	6	0	1	0	1	2	2	1	0	1	4	17
Total	13	3	11	1	28	1	6	13	0	20	0	2	0	2	4	6	13	0	1	20	72
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	4	1	0	0	5	0	1	3	0	4	0	1	0	1	2	0	3	0	0	3	14
05:30 PM	1	1	3	0	5	0	4	0	0	4	1	1	0	0	2	2	3	1	0	6	17
05:45 PM	4	1	1	0	6	0	3	1	0	4	0	0	0	0	0	1	1	0	0	2	12
Total	9	3	4	0	16	0	8	4	0	12	1	2	0	1	4	3	7	1	0	11	43
06:00 PM	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3	5
06:15 PM	3	0	1	0	4	1	3	1	0	5	0	1	0	0	1	0	3	0	0	3	13
06:30 PM	4	0	2	0	6	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	8
06:45 PM	0	0	0	0	0	0	2	1	0	3	0	1	0	0	1	1	2	0	0	3	7
Total	9	0	3	0	12	1	6	3	0	10	0	2	0	0	2	2	6	1	0	9	33
Grand Total	141	22	81	5	249	7	98	97	0	202	4	18	2	3	27	51	118	5	3	177	655
Apprch %	56.6	8.8	32.5	2		3.5	48.5	48	0		14.8	66.7	7.4	11.1		28.8	66.7	2.8	1.7		
Total %	21.5	3.4	12.4	0.8	38	1.1	15	14.8	0	30.8	0.6	2.7	0.3	0.5	4.1	7.8	18	0.8	0.5	27	

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525 N. Main Street, Waynesville, NC 28786

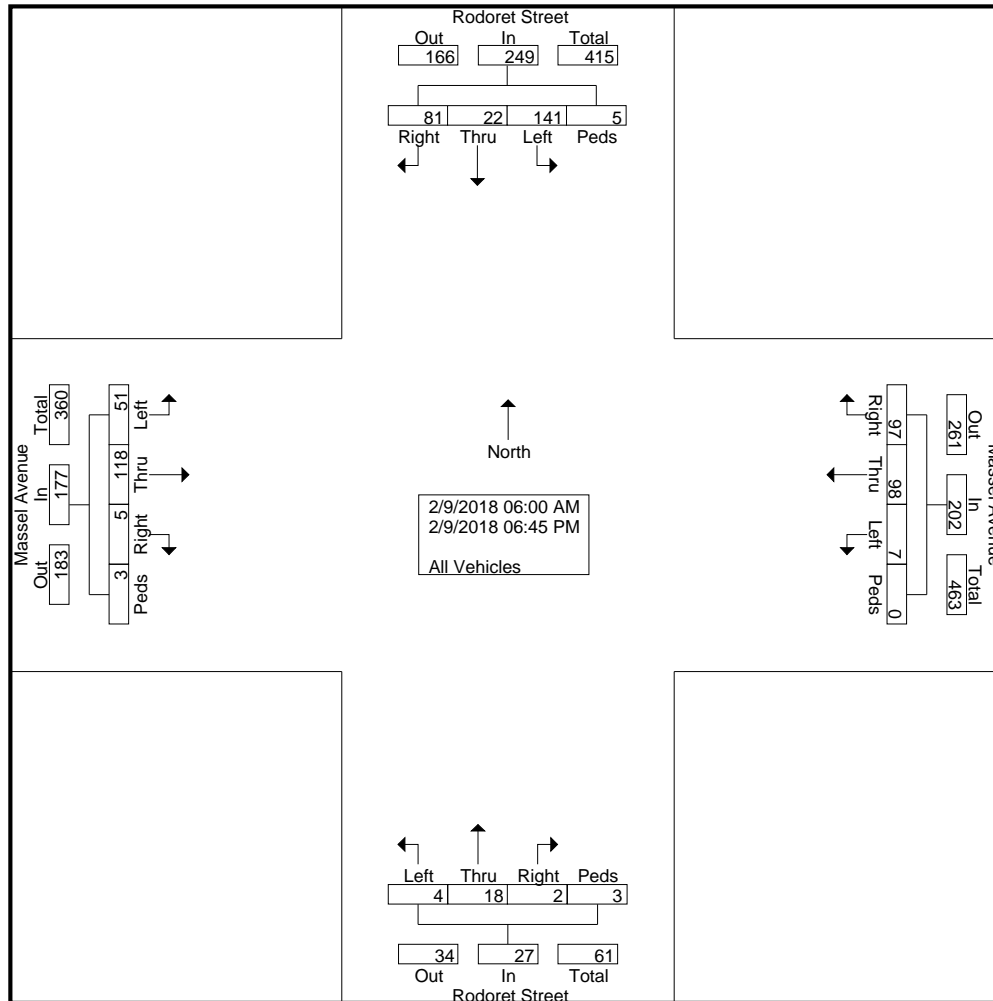
828-456-8383

File Name : 0825-Massell Ave @ Rodoret St - 02.09.18 - 13 hour

Site Code : 020918

Start Date : 2/9/2018

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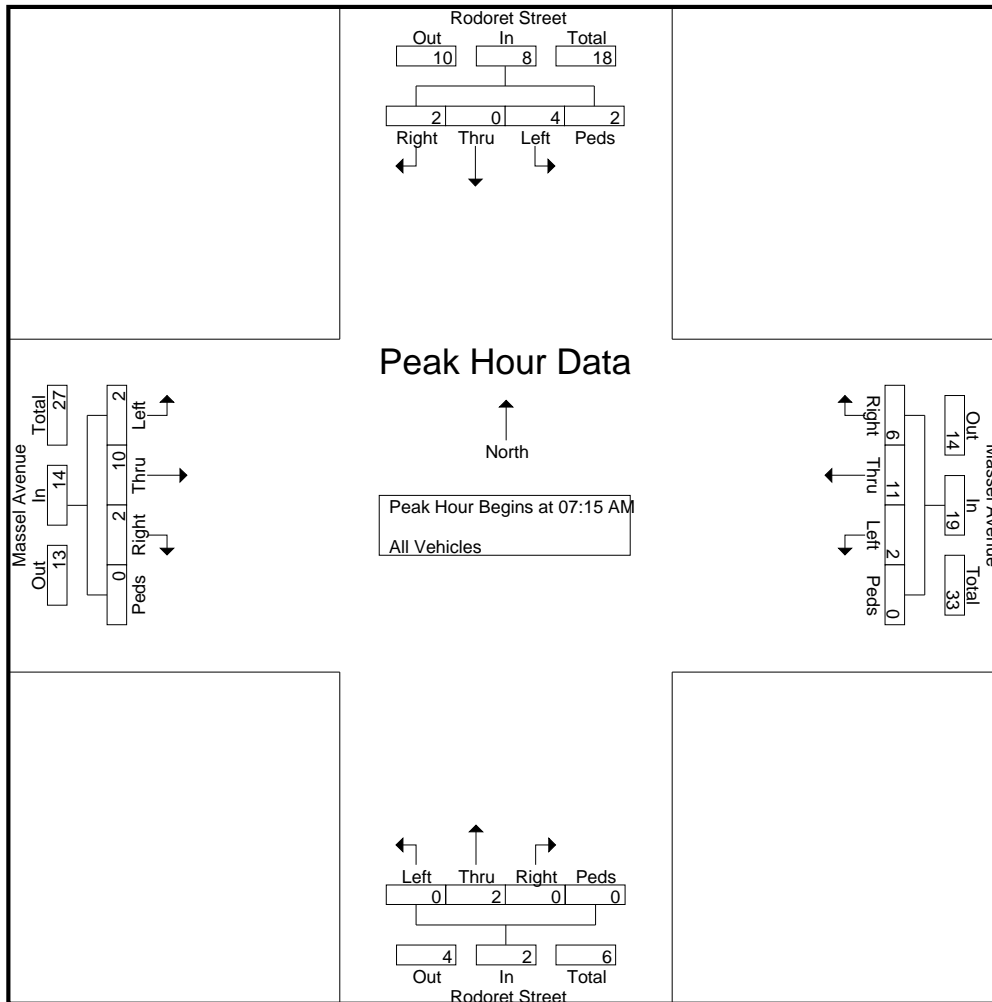


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525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-Massell Ave @ Rodoret St - 02.09.18 - 13 hour
Site Code : 020918
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	Rodoret Street Southbound					Massel Avenue Westbound					Rodoret Street Northbound					Massel Avenue Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	0	1	0	1	1	1	2	0	4	0	2	0	0	2	1	0	0	0	1	8
07:30 AM	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	2	1	0	3	9
07:45 AM	2	0	1	0	3	1	3	1	0	5	0	0	0	0	0	1	4	0	0	5	13
08:00 AM	2	0	0	2	4	0	1	3	0	4	0	0	0	0	0	0	4	1	0	5	13
Total Volume	4	0	2	2	8	2	11	6	0	19	0	2	0	0	2	2	10	2	0	14	43
% App. Total	50	0	25	25		10.5	57.9	31.6	0		0	100	0	0		14.3	71.4	14.3	0		
PHF	.500	.000	.500	.250	.500	.500	.458	.500	.000	.792	.000	.250	.000	.000	.250	.500	.625	.500	.000	.700	.827

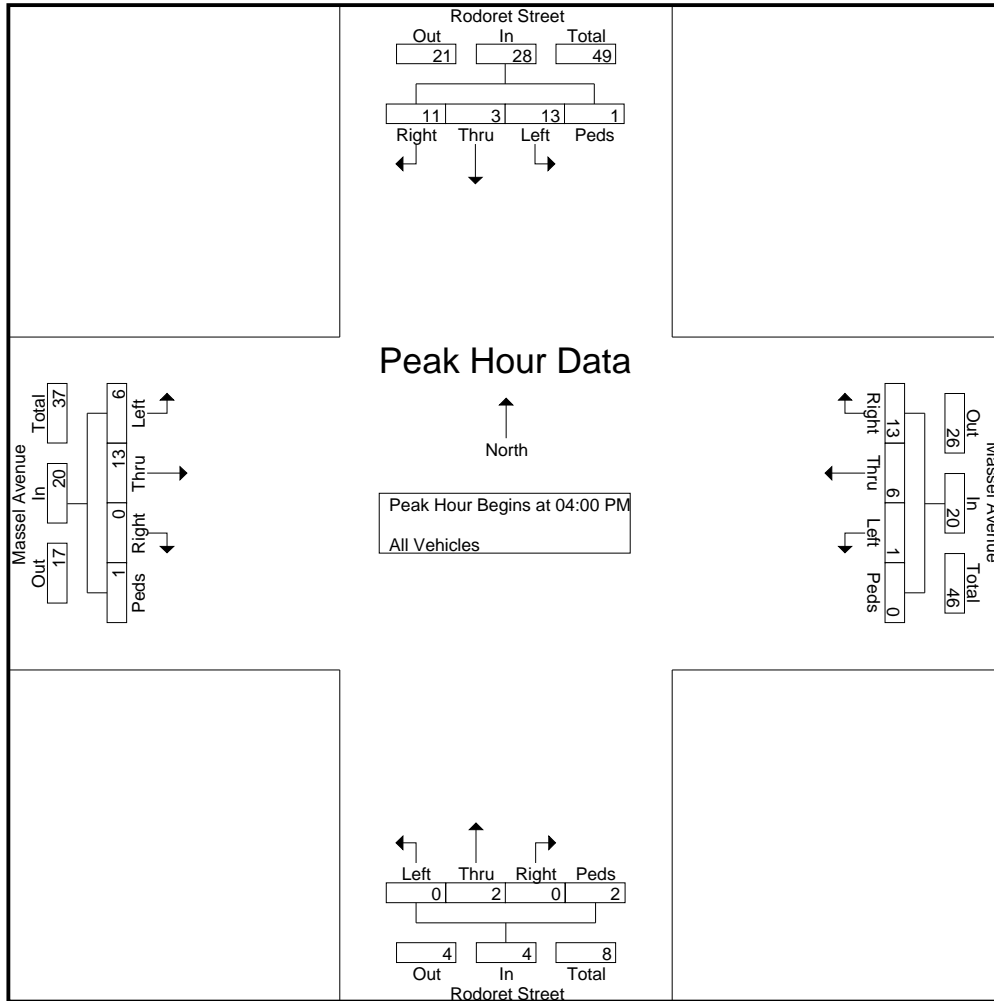


J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-Massell Ave @ Rodoret St - 02.09.18 - 13 hour
Site Code : 020918
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Start Time	Rodoret Street Southbound					Massel Avenue Westbound					Rodoret Street Northbound					Massel Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	5	2	5	0	12	0	1	2	0	3	0	0	0	1	1	2	6	0	0	8	24
04:15 PM	3	0	3	0	6	1	3	2	0	6	0	0	0	0	0	2	3	0	0	5	17
04:30 PM	1	1	2	1	5	0	0	5	0	5	0	1	0	0	1	0	3	0	0	3	14
04:45 PM	4	0	1	0	5	0	2	4	0	6	0	1	0	1	2	2	1	0	1	4	17
Total Volume	13	3	11	1	28	1	6	13	0	20	0	2	0	2	4	6	13	0	1	20	72
% App. Total	46.4	10.7	39.3	3.6		5	30	65	0		0	50	0	50		30	65	0	5		
PHF	.650	.375	.550	.250	.583	.250	.500	.650	.000	.833	.000	.500	.000	.500	.500	.750	.542	.000	.250	.625	.750



J.M. Teague Engineering & Planning
 525 N. Main Street, Waynesville, NC 28786
 828-456-8383

File Name : 0825-Massel Ave @ Rodoret St - 02.09.18
 Site Code : 020918
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 Page No : 1

Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					Massel Avenue Westbound					Rodoret Street Northbound					Massel Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
12:00 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
01:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
03:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
04:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:15 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
05:30 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	1	0	0	0	1	0	3	1	0	4	0	0	0	0	0	0	2	0	0	2	7
06:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
06:15 AM	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	3
06:30 AM	1	0	0	0	1	0	2	2	0	4	0	0	0	0	0	0	0	0	0	0	5
06:45 AM	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	3
Total	3	0	0	0	3	0	4	2	0	6	0	0	0	0	0	1	2	0	0	3	12
07:00 AM	1	1	0	0	2	0	2	1	0	3	0	0	0	0	0	0	2	0	0	2	7
07:15 AM	0	0	1	0	1	1	1	2	0	4	0	2	0	0	2	1	0	0	0	1	8
07:30 AM	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	2	1	0	3	9
07:45 AM	2	0	1	0	3	1	3	1	0	5	0	0	0	0	0	1	4	0	0	5	13
Total	3	1	2	0	6	2	12	4	0	18	0	2	0	0	2	2	8	1	0	11	37
08:00 AM	2	0	0	2	4	0	1	3	0	4	0	0	0	0	0	0	4	1	0	5	13
08:15 AM	1	0	1	0	2	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	5
08:30 AM	2	1	0	0	3	0	1	0	0	1	0	0	0	0	0	1	3	0	0	4	8
08:45 AM	2	0	1	0	3	0	0	2	0	2	0	0	0	0	0	1	2	0	0	3	8
Total	7	1	2	2	12	0	3	7	0	10	0	0	0	0	0	2	9	1	0	12	34

J.M. Teague Engineering & Planning

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828-456-8383

File Name : 0825-Massel Ave @ Rodoret St - 02.09.18
Site Code : 020918
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Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					Massel Avenue Westbound					Rodoret Street Northbound					Massel Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
09:00 AM	1	0	4	0	5	0	1	1	0	2	0	0	0	0	0	0	2	0	0	2	9
09:15 AM	1	1	5	0	7	0	1	1	0	2	0	1	0	0	1	0	1	0	0	1	11
09:30 AM	0	1	1	0	2	0	2	3	0	5	0	0	1	0	1	2	2	0	0	4	12
09:45 AM	6	1	1	0	8	0	2	2	0	4	0	0	0	0	0	1	1	0	0	2	14
Total	8	3	11	0	22	0	6	7	0	13	0	1	1	0	2	3	6	0	0	9	46
10:00 AM	3	0	2	0	5	0	3	2	0	5	0	0	0	0	0	3	7	0	0	10	20
10:15 AM	2	0	2	1	5	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	8
10:30 AM	2	2	3	0	7	0	3	0	0	3	0	1	0	0	1	0	3	0	0	3	14
10:45 AM	3	0	4	0	7	0	3	5	0	8	0	2	0	0	2	0	3	0	0	3	20
Total	10	2	11	1	24	0	11	8	0	19	0	3	0	0	3	3	13	0	0	16	62
11:00 AM	3	1	1	0	5	0	2	3	0	5	0	0	0	0	0	0	1	0	0	1	11
11:15 AM	5	0	1	0	6	0	2	3	0	5	0	0	0	0	0	1	1	0	0	2	13
11:30 AM	5	1	1	0	7	0	0	4	0	4	0	1	0	0	1	0	1	0	0	1	13
11:45 AM	2	0	2	0	4	0	2	2	0	4	0	0	0	0	0	1	5	0	0	6	14
Total	15	2	5	0	22	0	6	12	0	18	0	1	0	0	1	2	8	0	0	10	51
12:00 PM	6	0	0	0	6	0	2	4	0	6	0	0	0	0	0	0	2	0	0	2	14
12:15 PM	2	0	2	0	4	0	0	2	0	2	0	0	0	0	0	2	2	0	0	4	10
12:30 PM	5	1	1	1	8	0	2	3	0	5	0	0	0	0	0	3	3	0	1	7	20
12:45 PM	2	2	2	0	6	0	4	2	0	6	0	0	0	0	0	1	2	0	0	3	15
Total	15	3	5	1	24	0	8	11	0	19	0	0	0	0	0	6	9	0	1	16	59
01:00 PM	5	0	2	0	7	0	1	1	0	2	0	0	0	0	0	1	3	0	0	4	13
01:15 PM	3	0	1	0	4	0	2	2	0	4	0	0	0	0	0	1	4	0	0	5	13
01:30 PM	1	0	0	0	1	1	4	2	0	7	1	0	1	0	2	1	2	0	0	3	13
01:45 PM	4	0	1	0	5	0	1	2	0	3	0	0	0	0	0	3	2	0	1	6	14
Total	13	0	4	0	17	1	8	7	0	16	1	0	1	0	2	6	11	0	1	18	53
02:00 PM	5	1	3	0	9	1	3	1	0	5	0	0	0	0	0	2	2	0	0	4	18
02:15 PM	4	1	2	0	7	0	2	4	0	6	1	0	0	0	1	1	3	0	0	4	18
02:30 PM	4	0	4	0	8	0	2	5	0	7	0	0	0	0	0	1	2	0	0	3	18
02:45 PM	1	0	4	0	5	0	3	2	0	5	0	2	0	0	2	3	3	0	0	6	18
Total	14	2	13	0	29	1	10	12	0	23	1	2	0	0	3	7	10	0	0	17	72
03:00 PM	6	1	3	0	10	0	2	3	0	5	0	1	0	0	1	2	2	0	0	4	20
03:15 PM	4	0	2	0	6	0	4	2	0	6	0	0	0	0	0	5	6	0	0	11	23
03:30 PM	3	0	3	0	6	0	3	1	0	4	0	1	0	0	1	1	5	1	0	7	18
03:45 PM	9	1	2	0	12	1	1	1	0	3	1	1	0	0	2	0	3	0	0	3	20
Total	22	2	10	0	34	1	10	7	0	18	1	3	0	0	4	8	16	1	0	25	81
04:00 PM	5	2	5	0	12	0	1	2	0	3	0	0	0	1	1	2	6	0	0	8	24
04:15 PM	3	0	3	0	6	1	3	2	0	6	0	0	0	0	0	2	3	0	0	5	17
04:30 PM	1	1	2	1	5	0	0	5	0	5	0	1	0	0	1	0	3	0	0	3	14
04:45 PM	4	0	1	0	5	0	2	4	0	6	0	1	0	1	2	2	1	0	1	4	17
Total	13	3	11	1	28	1	6	13	0	20	0	2	0	2	4	6	13	0	1	20	72
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	4	1	0	0	5	0	1	3	0	4	0	1	0	1	2	0	3	0	0	3	14
05:30 PM	1	1	3	0	5	0	4	0	0	4	1	1	0	0	2	2	3	1	0	6	17
05:45 PM	4	1	1	0	6	0	3	1	0	4	0	0	0	0	0	1	1	0	0	2	12
Total	9	3	4	0	16	0	8	4	0	12	1	2	0	1	4	3	7	1	0	11	43
06:00 PM	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3	5
06:15 PM	3	0	1	0	4	1	3	1	0	5	0	1	0	0	1	0	3	0	0	3	13
06:30 PM	4	0	2	0	6	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	8
06:45 PM	0	0	0	0	0	0	2	1	0	3	0	1	0	0	1	1	2	0	0	3	7
Total	9	0	3	0	12	1	6	3	0	10	0	2	0	0	2	2	6	1	0	9	33

J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-Massel Ave @ Rodoret St - 02.09.18
Site Code : 020918
Start Date : 2/9/2018
Page No : 3

Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					Massel Avenue Westbound					Rodoret Street Northbound					Massel Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
07:00 PM	1	0	0	0	1	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	6
07:15 PM	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	1	1	0	0	2	6
07:30 PM	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	3	0	0	3	5
07:45 PM	1	0	1	0	2	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	5
Total	2	0	2	0	4	0	8	4	0	12	0	0	0	0	0	1	5	0	0	6	22
08:00 PM	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	3
08:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:30 PM	1	0	1	0	2	0	3	1	0	4	0	0	0	0	0	0	0	0	0	0	6
08:45 PM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Total	1	2	1	0	4	0	5	2	0	7	0	0	0	0	0	0	1	0	0	1	12
09:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
09:15 PM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	3
09:30 PM	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
09:45 PM	1	0	0	0	1	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	3
Total	2	1	0	0	3	0	2	0	0	2	0	1	1	0	2	0	2	0	0	2	9
10:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
10:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4
11:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Total	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	4
Grand Total	149	27	84	5	265	7	119	105	0	231	5	19	3	3	30	52	131	5	3	191	717
Apprch %	56.2	10.2	31.7	1.9		3	51.5	45.5	0		16.7	63.3	10	10		27.2	68.6	2.6	1.6		
Total %	20.8	3.8	11.7	0.7	37	1	16.6	14.6	0	32.2	0.7	2.6	0.4	0.4	4.2	7.3	18.3	0.7	0.4	26.6	

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525 N. Main Street, Waynesville, NC 28786

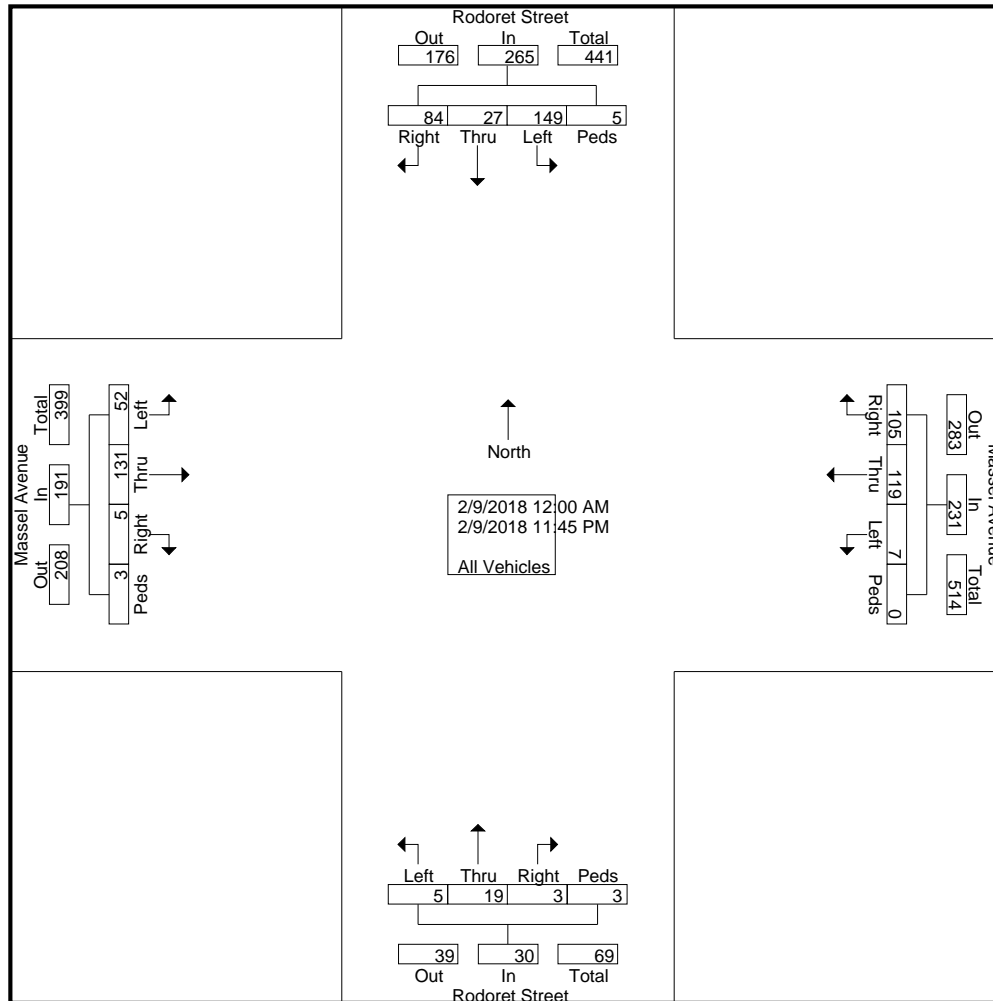
828-456-8383

File Name : 0825-Massel Ave @ Rodoret St - 02.09.18

Site Code : 020918

Start Date : 2/9/2018

Page No : 4

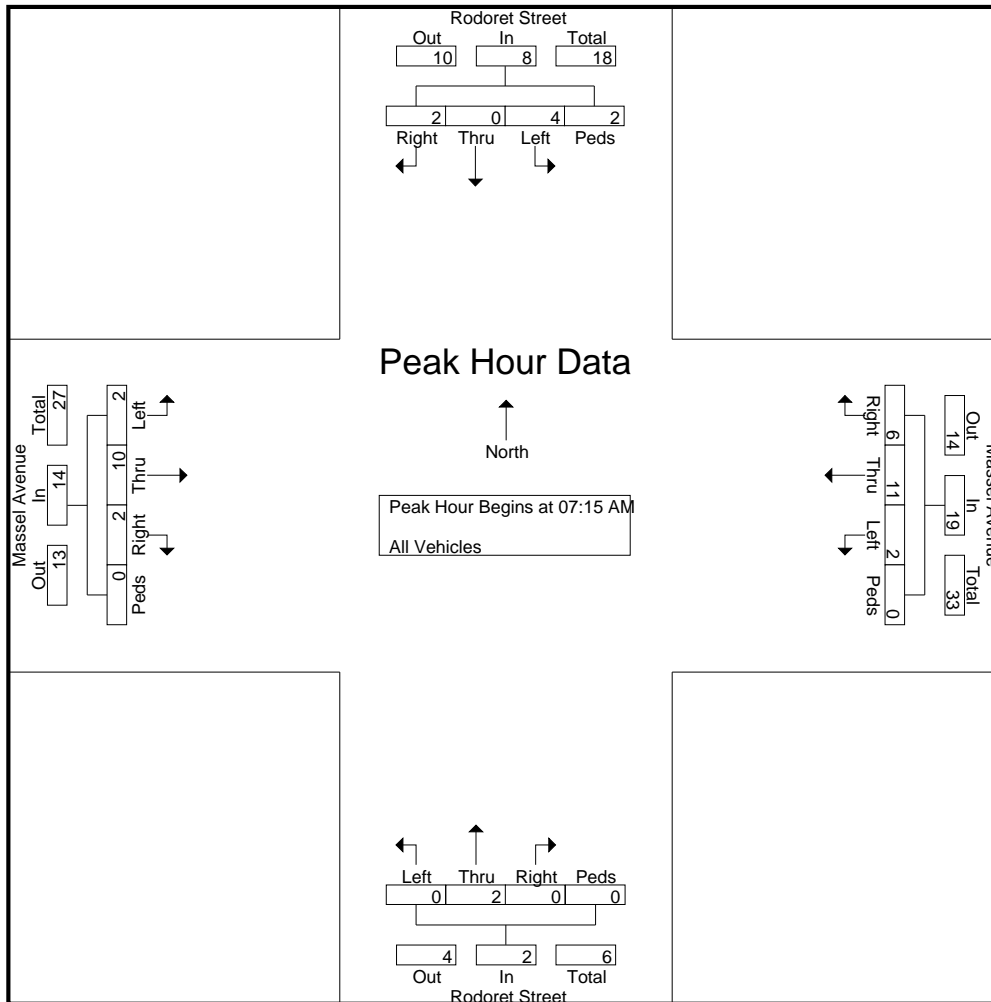


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525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-Massel Ave @ Rodoret St - 02.09.18
Site Code : 020918
Start Date : 2/9/2018
Page No : 5

	Rodoret Street Southbound					Massel Avenue Westbound					Rodoret Street Northbound					Massel Avenue Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	0	1	0	1	1	1	2	0	4	0	2	0	0	2	1	0	0	0	1	8
07:30 AM	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	2	1	0	3	9
07:45 AM	2	0	1	0	3	1	3	1	0	5	0	0	0	0	0	1	4	0	0	5	13
08:00 AM	2	0	0	2	4	0	1	3	0	4	0	0	0	0	0	0	4	1	0	5	13
Total Volume	4	0	2	2	8	2	11	6	0	19	0	2	0	0	2	2	10	2	0	14	43
% App. Total	50	0	25	25		10.5	57.9	31.6	0		0	100	0	0		14.3	71.4	14.3	0		
PHF	.500	.000	.500	.250	.500	.500	.458	.500	.000	.792	.000	.250	.000	.000	.250	.500	.625	.500	.000	.700	.827

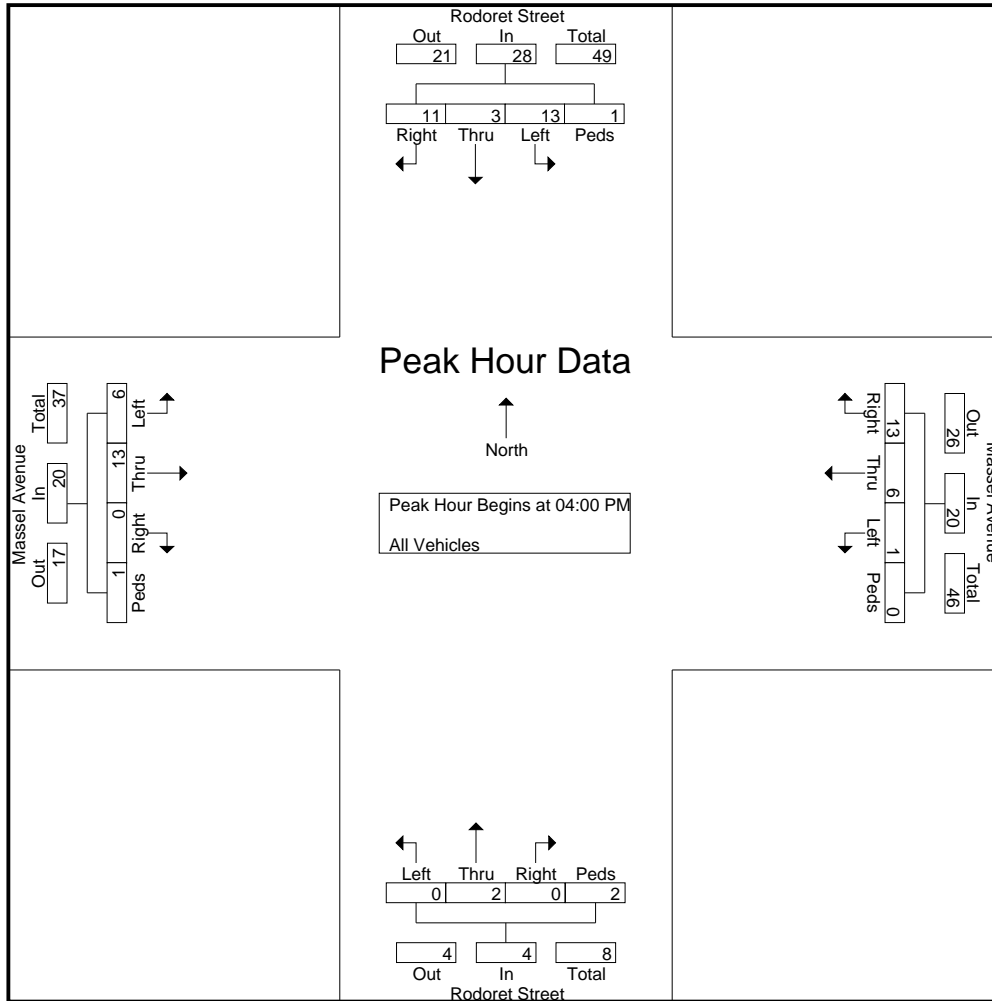


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525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-Massel Ave @ Rodoret St - 02.09.18
Site Code : 020918
Start Date : 2/9/2018
Page No : 6

Start Time	Rodoret Street Southbound					Massel Avenue Westbound					Rodoret Street Northbound					Massel Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	5	2	5	0	12	0	1	2	0	3	0	0	0	1	1	2	6	0	0	8	24
04:15 PM	3	0	3	0	6	1	3	2	0	6	0	0	0	0	0	2	3	0	0	5	17
04:30 PM	1	1	2	1	5	0	0	5	0	5	0	1	0	0	1	0	3	0	0	3	14
04:45 PM	4	0	1	0	5	0	2	4	0	6	0	1	0	1	2	2	1	0	1	4	17
Total Volume	13	3	11	1	28	1	6	13	0	20	0	2	0	2	4	6	13	0	1	20	72
% App. Total	46.4	10.7	39.3	3.6		5	30	65	0		0	50	0	50		30	65	0	5		
PHF	.650	.375	.550	.250	.583	.250	.500	.650	.000	.833	.000	.500	.000	.500	.500	.750	.542	.000	.250	.625	.750



J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-Massel Ave @ Rodoret St - 02.10.18
Site Code : 020918
Start Date : 2/10/2018
Page No : 1

Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					Massel Avenue Westbound					Rodoret Street Northbound					Massel Avenue Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
12:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
03:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	2
04:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
04:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
05:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	3
05:45 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	2	4
06:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1	2
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 AM	3	0	0	0	3	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1	5
06:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	0	0	0	3	0	2	0	0	2	0	0	0	0	0	0	2	0	0	0	2	7
07:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
07:15 AM	0	0	0	0	0	0	0	2	0	2	0	2	0	0	2	0	0	0	0	0	0	4
07:30 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	1	0	1	2	0	3	0	2	0	0	2	0	0	0	0	0	0	6
08:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	0	0	0	0	2	3
08:15 AM	1	0	1	0	2	0	3	1	0	4	0	0	0	0	0	0	2	0	0	0	2	8
08:30 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
08:45 AM	0	0	0	1	1	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3
Total	1	0	1	1	3	0	5	3	0	8	0	0	0	0	0	0	4	0	0	0	4	15

J.M. Teague Engineering & Planning
 525 N. Main Street, Waynesville, NC 28786
 828-456-8383

File Name : 0825-Massel Ave @ Rodoret St - 02.10.18
 Site Code : 020918
 Start Date : 2/10/2018
 Page No : 2

Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					Massel Avenue Westbound					Rodoret Street Northbound					Massel Avenue Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
09:00 AM	1	1	1	0	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4
09:15 AM	1	0	1	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
09:30 AM	1	2	1	0	4	0	1	1	0	2	0	0	0	0	0	2	1	0	0	3	0	9
09:45 AM	2	0	1	0	3	0	3	3	0	6	0	0	0	0	0	0	1	0	0	1	0	10
Total	5	3	4	0	12	0	6	4	0	10	0	0	0	0	0	2	2	0	0	4	4	26
10:00 AM	4	0	1	0	5	0	1	3	0	4	0	1	0	0	1	0	2	0	0	2	0	12
10:15 AM	2	0	3	0	5	0	0	1	0	1	0	1	0	0	1	1	0	0	0	1	0	8
10:30 AM	2	0	0	0	2	1	1	3	0	5	0	1	0	0	1	0	4	0	0	4	0	12
10:45 AM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	1	1	0	0	2	0	4
Total	8	0	5	0	13	1	2	7	0	10	0	4	0	0	4	2	7	0	0	9	9	36
11:00 AM	3	0	3	0	6	0	2	1	0	3	0	2	0	0	2	0	0	0	0	0	0	11
11:15 AM	4	0	3	0	7	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	9
11:30 AM	2	0	5	0	7	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	9
11:45 AM	3	0	2	0	5	1	0	4	0	5	0	0	0	0	0	0	3	1	0	4	0	14
Total	12	0	13	0	25	1	4	7	0	12	0	2	0	0	2	0	3	1	0	4	4	43
12:00 PM	3	0	1	0	4	0	0	1	0	1	0	0	0	0	0	0	3	1	0	4	0	9
12:15 PM	0	0	1	0	1	1	2	1	0	4	1	0	0	0	1	0	1	0	0	1	0	7
12:30 PM	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	2	1	1	0	4	0	7
12:45 PM	1	0	0	0	1	0	3	3	0	6	0	0	0	0	0	0	2	0	0	2	0	9
Total	4	0	3	0	7	1	7	5	0	13	1	0	0	0	1	2	7	2	0	11	11	32
Grand Total	34	4	27	1	66	4	27	29	0	60	1	8	0	0	9	7	26	5	0	38	38	173
Apprch %	51.5	6.1	40.9	1.5		6.7	45	48.3	0		11.1	88.9	0	0		18.4	68.4	13.2	0			
Total %	19.7	2.3	15.6	0.6	38.2	2.3	15.6	16.8	0	34.7	0.6	4.6	0	0	5.2	4	15	2.9	0	22	22	

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525 N. Main Street, Waynesville, NC 28786

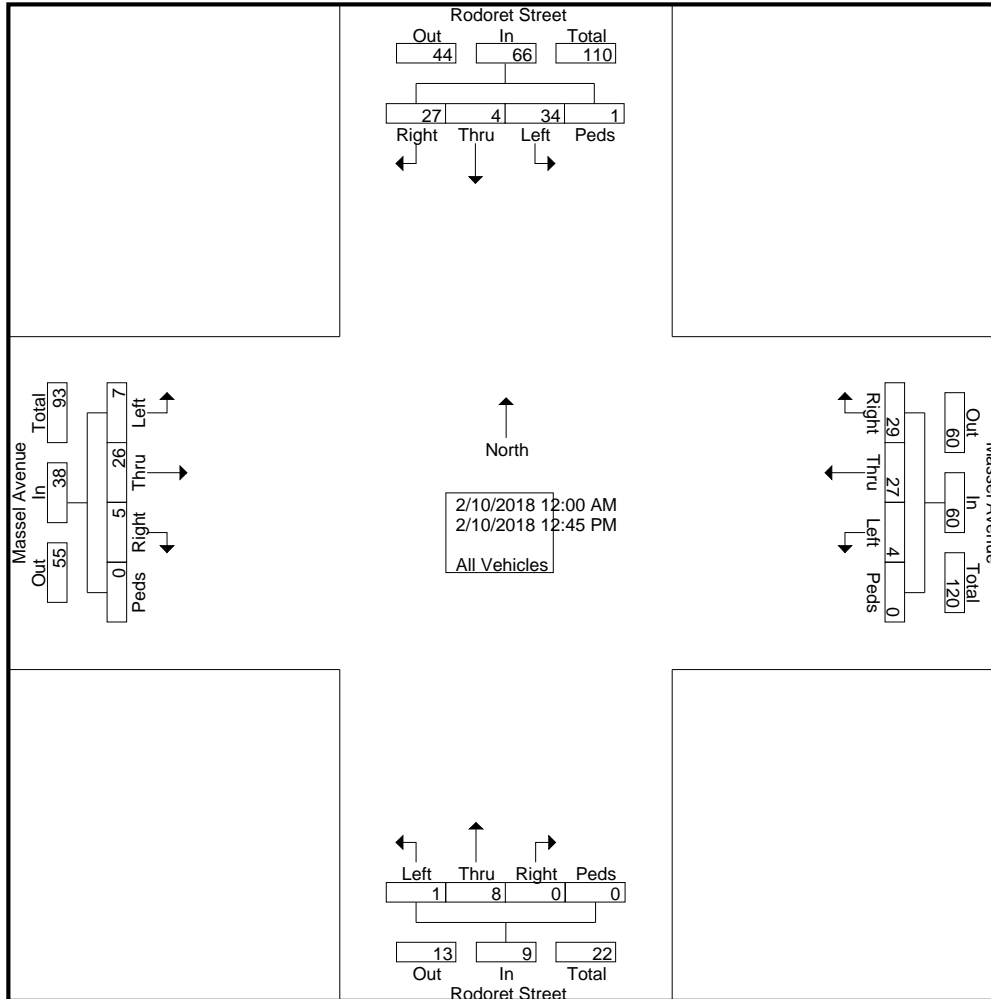
828-456-8383

File Name : 0825-Massel Ave @ Rodoret St - 02.10.18

Site Code : 020918

Start Date : 2/10/2018

Page No : 3

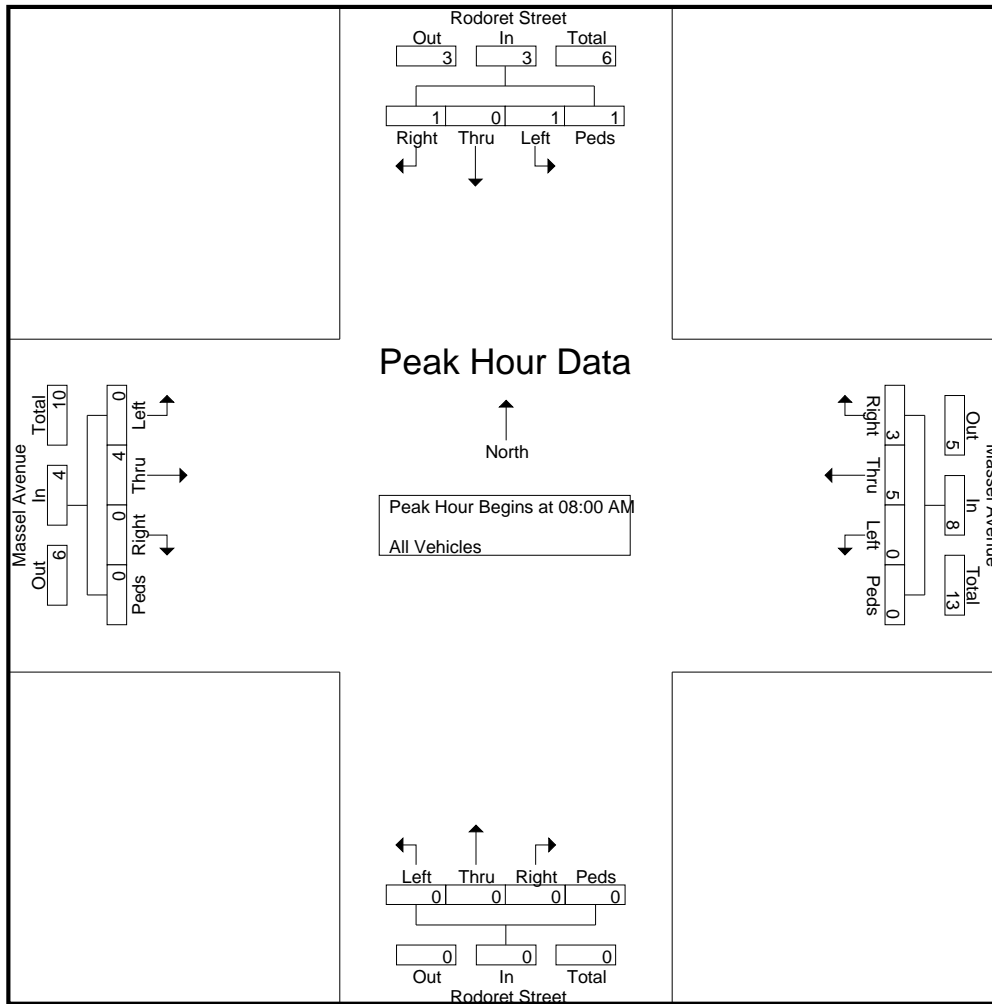


J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-Massel Ave @ Rodoret St - 02.10.18
Site Code : 020918
Start Date : 2/10/2018
Page No : 4

	Rodoret Street Southbound					Massel Avenue Westbound					Rodoret Street Northbound					Massel Avenue Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:00 AM																					
08:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	3
08:15 AM	1	0	1	0	2	0	3	1	0	4	0	0	0	0	0	0	2	0	0	2	8
08:30 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
08:45 AM	0	0	0	1	1	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	3
Total Volume	1	0	1	1	3	0	5	3	0	8	0	0	0	0	0	0	4	0	0	4	15
% App. Total	33.3	0	33.3	33.3		0	62.5	37.5	0		0	0	0	0		0	100	0	0		
PHF	.250	.000	.250	.250	.375	.000	.417	.750	.000	.500	.000	.000	.000	.000	.000	.000	.500	.000	.000	.500	.469



J.M. Teague Engineering & Planning
525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.08.18
Site Code : 020818
Start Date : 2/8/2018
Page No : 1

Groups Printed- All Vehicles

Start Time	Rodoret Road S Southbound					St Germain Avenue SW Westbound					Rodoret Road S Northbound					St Germain Avenue SW Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
01:00 PM	3	8	4	2	17	0	4	0	0	4	0	4	3	3	10	4	2	3	2	11	42
01:15 PM	1	3	6	2	12	1	9	3	0	13	0	6	4	2	12	2	6	1	3	12	49
01:30 PM	3	5	5	0	13	1	2	0	0	3	1	5	5	0	11	2	4	1	0	7	34
01:45 PM	2	5	2	0	9	1	3	4	0	8	1	5	3	6	15	2	4	1	1	8	40
Total	9	21	17	4	51	3	18	7	0	28	2	20	15	11	48	10	16	6	6	38	165
02:00 PM	4	10	0	0	14	2	7	0	0	9	1	4	3	2	10	2	3	1	1	7	40
02:15 PM	3	4	0	0	7	1	6	1	0	8	1	1	1	3	6	1	1	2	2	6	27
02:30 PM	2	4	4	0	10	2	4	5	0	11	0	2	2	0	4	5	2	0	0	7	32
02:45 PM	3	3	4	0	10	6	10	1	0	17	0	4	1	0	5	0	7	0	2	9	41
Total	12	21	8	0	41	11	27	7	0	45	2	11	7	5	25	8	13	3	5	29	140
03:00 PM	3	6	2	0	11	2	5	2	0	9	1	3	2	2	8	0	2	0	0	2	30
03:15 PM	2	3	2	2	9	1	5	0	0	6	1	2	1	2	6	1	3	0	2	6	27
03:30 PM	0	6	3	0	9	2	8	3	1	14	2	7	5	5	19	3	4	2	0	9	51
03:45 PM	4	2	1	0	7	2	7	2	0	11	0	3	4	0	7	2	8	1	0	11	36
Total	9	17	8	2	36	7	25	7	1	40	4	15	12	9	40	6	17	3	2	28	144
04:00 PM	1	8	2	0	11	1	7	3	1	12	1	3	1	4	9	2	3	1	2	8	40
04:15 PM	1	2	3	0	6	0	4	0	0	4	1	5	5	6	17	1	3	2	7	13	40
04:30 PM	1	7	5	0	13	4	3	1	0	8	0	4	1	3	8	1	7	1	1	10	39
04:45 PM	3	6	3	0	12	2	6	6	0	14	2	6	2	1	11	2	6	0	0	8	45
Total	6	23	13	0	42	7	20	10	1	38	4	18	9	14	45	6	19	4	10	39	164
05:00 PM	2	2	8	0	12	0	9	2	4	15	0	5	2	6	13	1	8	0	0	9	49
05:15 PM	4	6	2	0	12	1	5	0	0	6	3	4	1	0	8	0	6	2	0	8	34
05:30 PM	2	3	1	1	7	1	5	1	1	8	0	2	2	2	6	0	5	0	1	6	27
05:45 PM	1	3	0	0	4	0	2	1	0	3	0	2	0	4	6	0	2	0	2	4	17
Total	9	14	11	1	35	2	21	4	5	32	3	13	5	12	33	1	21	2	3	27	127
06:00 PM	0	4	0	0	4	0	4	0	0	4	1	1	0	2	4	1	1	0	0	2	14
06:15 PM	0	2	1	0	3	0	3	0	2	5	1	1	2	0	4	1	2	3	0	6	18
06:30 PM	0	2	4	0	6	1	2	0	0	3	0	1	0	2	3	2	1	1	0	4	16
06:45 PM	1	1	0	0	2	0	2	0	0	2	0	0	2	0	2	0	4	1	0	5	11
Total	1	9	5	0	15	1	11	0	2	14	2	3	4	4	13	4	8	5	0	17	59
07:00 PM	0	1	1	0	2	0	2	1	0	3	0	0	1	0	1	0	0	0	2	2	8
07:15 PM	1	1	0	0	2	0	3	0	0	3	1	1	0	2	4	1	1	0	1	3	12
07:30 PM	1	2	1	0	4	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	10
07:45 PM	1	1	2	0	4	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	6
Total	3	5	4	0	12	0	7	2	0	9	1	2	1	2	6	1	5	0	3	9	36
08:00 PM	2	2	0	0	4	0	2	0	0	2	0	1	0	0	1	1	0	1	0	2	9
08:15 PM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	6
08:30 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	0	1	3
08:45 PM	0	0	1	0	1	0	0	2	0	2	0	1	0	0	1	0	0	0	0	0	4
Total	2	2	1	0	5	0	9	2	0	11	0	2	0	0	2	1	1	2	0	4	22
09:00 PM	3	1	0	0	4	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	6
09:15 PM	2	0	0	0	2	0	0	0	0	0	0	1	0	0	1	1	1	0	0	2	5
09:30 PM	2	3	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
09:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	2
Total	7	4	0	0	11	0	0	0	0	0	0	3	0	0	3	3	1	0	0	4	18

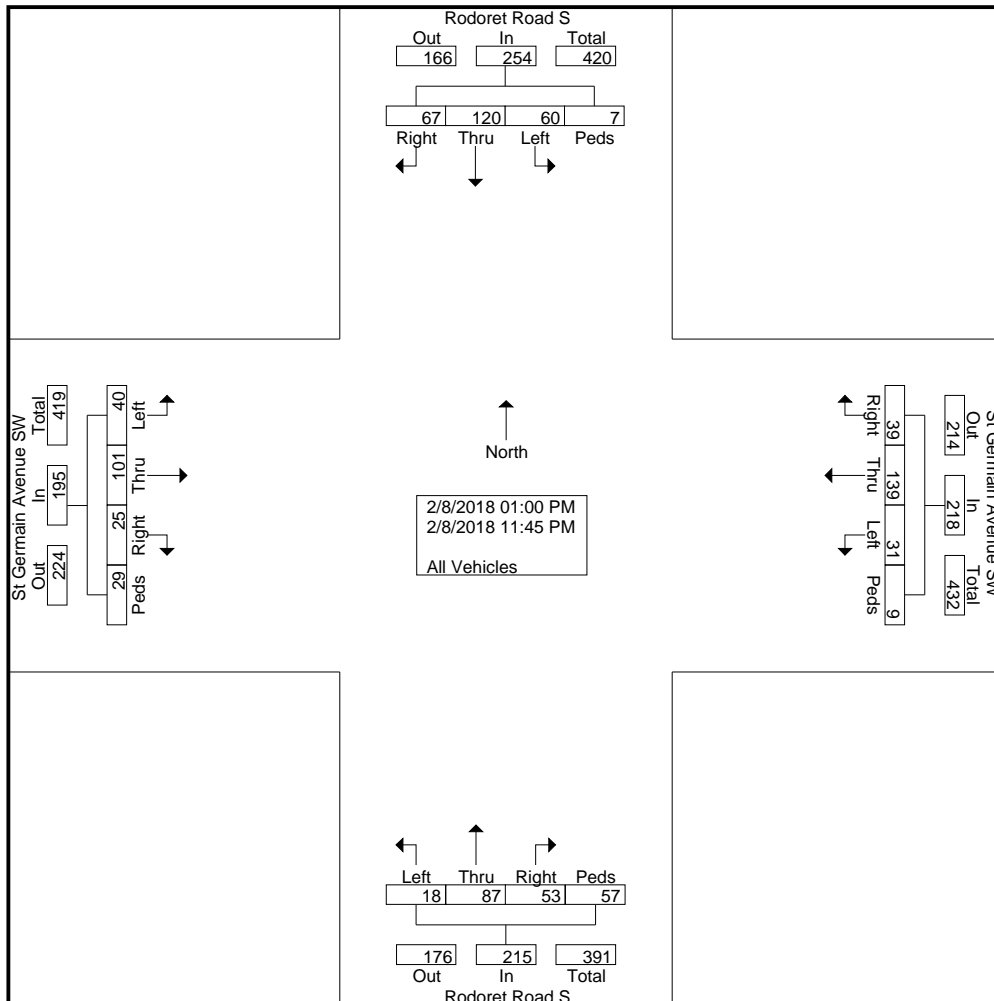
J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.08.18
Site Code : 020818
Start Date : 2/8/2018
Page No : 2

Groups Printed- All Vehicles

Start Time	Rodoret Road S Southbound					St Germain Avenue SW Westbound					Rodoret Road S Northbound					St Germain Avenue SW Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
11:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
11:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	1	3	0	0	4	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	5
Grand Total	60	120	67	7	254	31	139	39	9	218	18	87	53	57	215	40	101	25	29	195	882
Apprch %	23.6	47.2	26.4	2.8		14.2	63.8	17.9	4.1		8.4	40.5	24.7	26.5		20.5	51.8	12.8	14.9		
Total %	6.8	13.6	7.6	0.8	28.8	3.5	15.8	4.4	1	24.7	2	9.9	6	6.5	24.4	4.5	11.5	2.8	3.3	22.1	

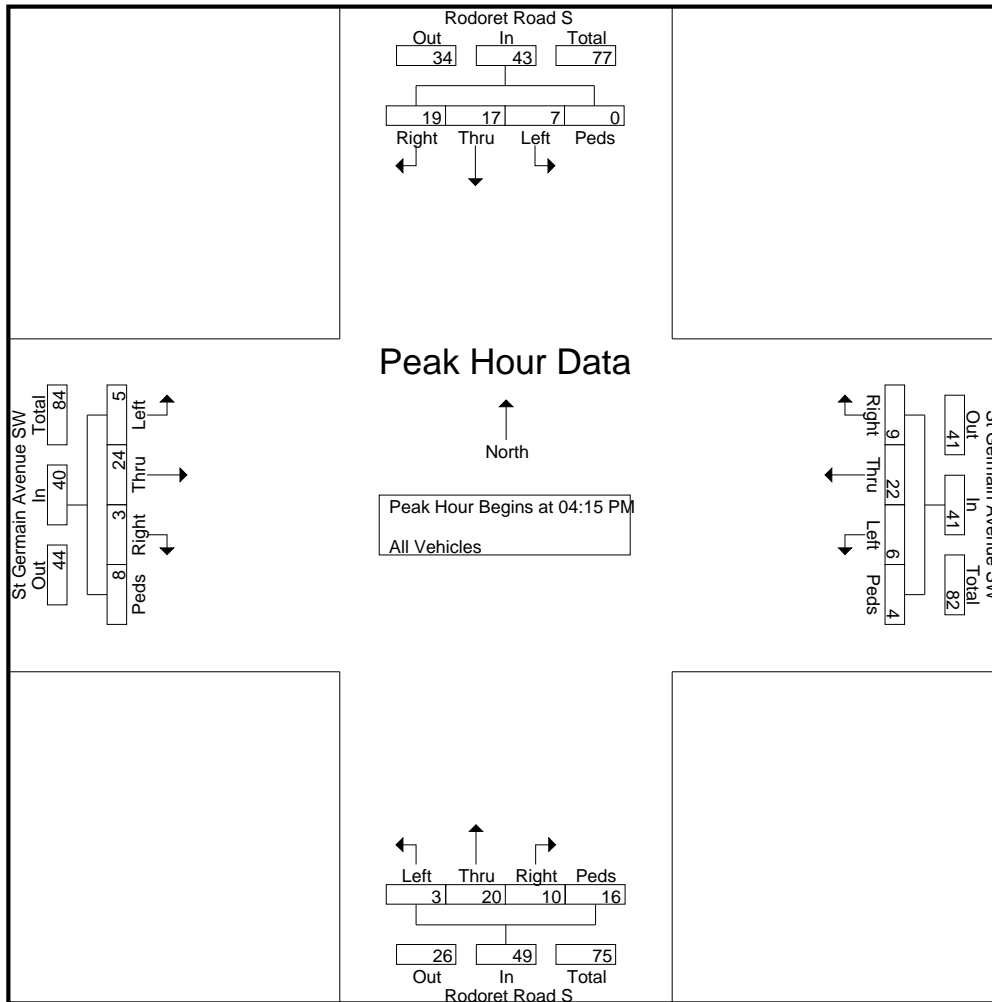


J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.08.18
Site Code : 020818
Start Date : 2/8/2018
Page No : 3

Start Time	Rodoret Road S Southbound					St Germain Avenue SW Westbound					Rodoret Road S Northbound					St Germain Avenue SW Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	1	2	3	0	6	0	4	0	0	4	1	5	5	6	17	1	3	2	7	13	40
04:30 PM	1	7	5	0	13	4	3	1	0	8	0	4	1	3	8	1	7	1	1	10	39
04:45 PM	3	6	3	0	12	2	6	6	0	14	2	6	2	1	11	2	6	0	0	8	45
05:00 PM	2	2	8	0	12	0	9	2	4	15	0	5	2	6	13	1	8	0	0	9	49
Total Volume	7	17	19	0	43	6	22	9	4	41	3	20	10	16	49	5	24	3	8	40	173
% App. Total	16.3	39.5	44.2	0		14.6	53.7	22	9.8		6.1	40.8	20.4	32.7		12.5	60	7.5	20		
PHF	.583	.607	.594	.000	.827	.375	.611	.375	.250	.683	.375	.833	.500	.667	.721	.625	.750	.375	.286	.769	.883



J.M. Teague Engineering & Planning
 525 N. Main Street, Waynesville, NC 28786
 828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.09.18-13 hour
 Site Code : 02092018
 Start Date : 2/9/2018
 Page No : 1

Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					St.Germain Avenue Westbound					Rodoret Street Northbound					St.Germain Avenue Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
06:00 AM	0	0	0	0	0	0	1	1	0	2	0	1	0	2	3	0	2	0	0	2	2	7
06:15 AM	1	1	0	0	2	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	4
06:30 AM	0	0	0	0	0	0	4	1	0	5	1	1	0	0	2	0	0	0	0	0	0	7
06:45 AM	0	1	0	0	1	0	4	0	0	4	0	1	0	2	3	0	4	0	0	4	4	12
Total	1	2	0	0	3	0	10	3	0	13	1	3	0	4	8	0	6	0	0	6	6	30
07:00 AM	1	2	0	0	3	0	1	2	0	3	0	1	0	0	1	0	2	0	0	2	2	9
07:15 AM	0	3	1	0	4	0	9	1	0	10	1	1	1	0	3	1	1	0	0	2	2	19
07:30 AM	3	1	0	0	4	1	9	0	0	10	0	0	0	0	0	0	3	0	0	3	3	17
07:45 AM	1	3	2	0	6	1	7	2	0	10	0	1	1	0	2	0	3	0	0	3	3	21
Total	5	9	3	0	17	2	26	5	0	33	1	3	2	0	6	1	9	0	0	10	10	66
08:00 AM	0	1	2	0	3	0	4	2	0	6	0	0	0	0	0	0	1	2	0	3	3	12
08:15 AM	1	2	2	0	5	0	2	1	0	3	0	0	0	0	0	2	4	0	0	6	6	14
08:30 AM	1	5	1	0	7	0	3	0	0	3	0	2	2	0	4	0	1	0	2	3	3	17
08:45 AM	2	4	2	0	8	0	2	0	0	2	0	1	0	0	1	0	1	1	0	2	2	13
Total	4	12	7	0	23	0	11	3	0	14	0	3	2	0	5	2	7	3	2	14	14	56
09:00 AM	0	6	3	0	9	1	3	0	0	4	0	1	3	0	4	0	1	3	0	4	4	21
09:15 AM	1	2	1	0	4	2	5	5	0	12	2	4	3	6	15	0	5	3	4	12	12	43
09:30 AM	2	4	3	1	10	0	2	1	0	3	2	5	1	2	10	1	3	1	6	11	11	34
09:45 AM	3	7	4	0	14	1	5	2	0	8	1	3	2	3	9	4	3	1	6	14	14	45
Total	6	19	11	1	37	4	15	8	0	27	5	13	9	11	38	5	12	8	16	41	41	143
10:00 AM	4	6	3	0	13	3	4	0	0	7	0	6	1	3	10	3	6	2	4	15	15	45
10:15 AM	0	6	1	1	8	2	1	3	0	6	1	2	0	4	7	3	1	1	2	7	7	28
10:30 AM	4	8	2	0	14	2	1	2	0	5	1	3	2	1	7	5	3	2	0	10	10	36
10:45 AM	1	3	3	0	7	3	5	2	0	10	1	6	2	4	13	3	4	3	0	10	10	40
Total	9	23	9	1	42	10	11	7	0	28	3	17	5	12	37	14	14	8	6	42	42	149
11:00 AM	1	2	2	0	5	2	2	1	0	5	1	1	0	1	3	1	0	1	0	2	2	15
11:15 AM	1	0	2	0	3	0	2	0	1	3	0	2	2	6	10	0	1	1	0	2	2	18
11:30 AM	0	5	6	0	11	5	4	2	0	11	3	5	4	6	18	2	7	0	4	13	13	53
11:45 AM	0	3	4	0	7	0	1	1	0	2	0	5	0	1	6	1	2	1	4	8	8	23
Total	2	10	14	0	26	7	9	4	1	21	4	13	6	14	37	4	10	3	8	25	25	109
12:00 PM	5	6	3	0	14	2	2	3	0	7	1	0	1	2	4	3	3	2	0	8	8	33
12:15 PM	3	5	2	0	10	3	6	2	0	11	1	5	0	1	7	1	5	1	0	7	7	35
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	5	5	1	0	11	2	3	2	0	7	0	8	1	3	12	0	3	1	1	5	5	35
Total	13	16	6	0	35	7	11	7	0	25	2	13	2	6	23	4	11	4	1	20	20	103
01:00 PM	2	11	4	0	17	2	7	2	0	11	0	4	2	4	10	2	12	0	0	14	14	52
01:15 PM	2	6	3	0	11	1	1	4	0	6	1	5	4	2	12	2	2	1	0	5	5	34
01:30 PM	1	6	2	0	9	1	3	0	0	4	1	4	2	3	10	5	2	0	2	9	9	32
01:45 PM	3	6	5	0	14	2	4	2	0	8	2	8	2	6	18	3	2	1	1	7	7	47
Total	8	29	14	0	51	6	15	8	0	29	4	21	10	15	50	12	18	2	3	35	35	165
02:00 PM	5	7	5	0	17	1	2	3	0	6	2	3	2	4	11	2	2	1	1	6	6	40
02:15 PM	1	7	1	0	9	1	5	2	2	10	1	7	0	5	13	1	2	3	0	6	6	38
02:30 PM	2	3	1	0	6	4	5	3	2	14	0	7	2	12	21	2	5	2	0	9	9	50
02:45 PM	5	10	4	0	19	2	2	1	0	5	1	3	1	5	10	3	2	1	1	7	7	41
Total	13	27	11	0	51	8	14	9	4	35	4	20	5	26	55	8	11	7	2	28	28	169

J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786

828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.09.18-13 hour

Site Code : 02092018

Start Date : 2/9/2018

Page No : 2

Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					St.Germain Avenue Westbound					Rodoret Street Northbound					St.Germain Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
03:00 PM	5	6	6	0	17	5	4	2	0	11	1	11	3	6	21	1	5	3	3	12	61
03:15 PM	6	6	8	0	20	3	6	2	0	11	0	8	5	5	18	6	4	3	1	14	63
03:30 PM	2	6	5	0	13	2	6	7	0	15	0	4	1	2	7	2	6	2	1	11	46
03:45 PM	3	10	4	0	17	1	10	3	1	15	1	11	3	7	22	2	6	2	4	14	68
Total	16	28	23	0	67	11	26	14	1	52	2	34	12	20	68	11	21	10	9	51	238
04:00 PM	1	13	3	0	17	2	5	2	0	9	1	6	2	6	15	3	7	4	0	14	55
04:15 PM	8	5	3	0	16	0	7	1	0	8	1	5	3	2	11	1	4	2	0	7	42
04:30 PM	6	3	0	0	9	1	6	3	0	10	1	1	1	4	7	2	7	1	0	10	36
04:45 PM	2	3	3	0	8	3	4	1	0	8	0	10	3	9	22	1	2	1	0	4	42
Total	17	24	9	0	50	6	22	7	0	35	3	22	9	21	55	7	20	8	0	35	175
05:00 PM	5	6	6	0	17	2	8	1	0	11	0	5	4	4	13	2	12	0	0	14	55
05:15 PM	0	4	2	0	6	2	6	0	0	8	2	5	1	2	10	0	3	0	1	4	28
05:30 PM	3	4	5	0	12	0	3	0	0	3	2	5	0	2	9	3	6	0	0	9	33
05:45 PM	1	5	2	0	8	0	6	2	0	8	1	3	0	2	6	2	6	1	0	9	31
Total	9	19	15	0	43	4	23	3	0	30	5	18	5	10	38	7	27	1	1	36	147
06:00 PM	0	2	1	0	3	0	4	1	0	5	0	1	0	1	2	0	1	1	0	2	12
06:15 PM	0	3	2	0	5	0	3	0	0	3	0	1	1	2	4	0	1	0	0	1	13
06:30 PM	1	4	2	0	7	0	1	0	0	1	0	1	0	2	3	0	1	1	0	2	13
06:45 PM	1	0	1	0	2	2	3	1	0	6	0	2	0	0	2	0	1	0	0	1	11
Total	2	9	6	0	17	2	11	2	0	15	0	5	1	5	11	0	4	2	0	6	49
Grand Total	105	227	128	2	462	67	204	80	6	357	34	185	68	144	431	75	170	56	48	349	1599
Apprch %	22.7	49.1	27.7	0.4		18.8	57.1	22.4	1.7		7.9	42.9	15.8	33.4		21.5	48.7	16	13.8		
Total %	6.6	14.2	8	0.1	28.9	4.2	12.8	5	0.4	22.3	2.1	11.6	4.3	9	27	4.7	10.6	3.5	3	21.8	

J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786

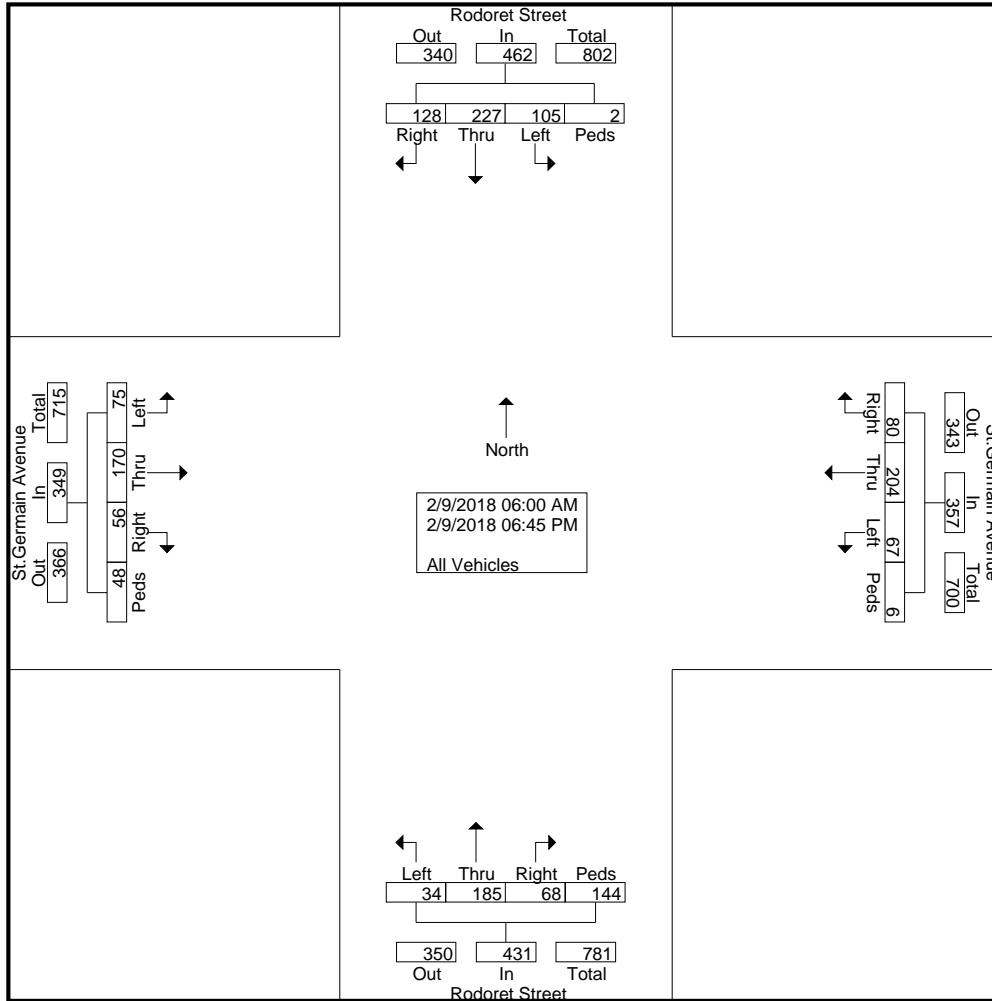
828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.09.18-13 hour

Site Code : 02092018

Start Date : 2/9/2018

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J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786

828-456-8383

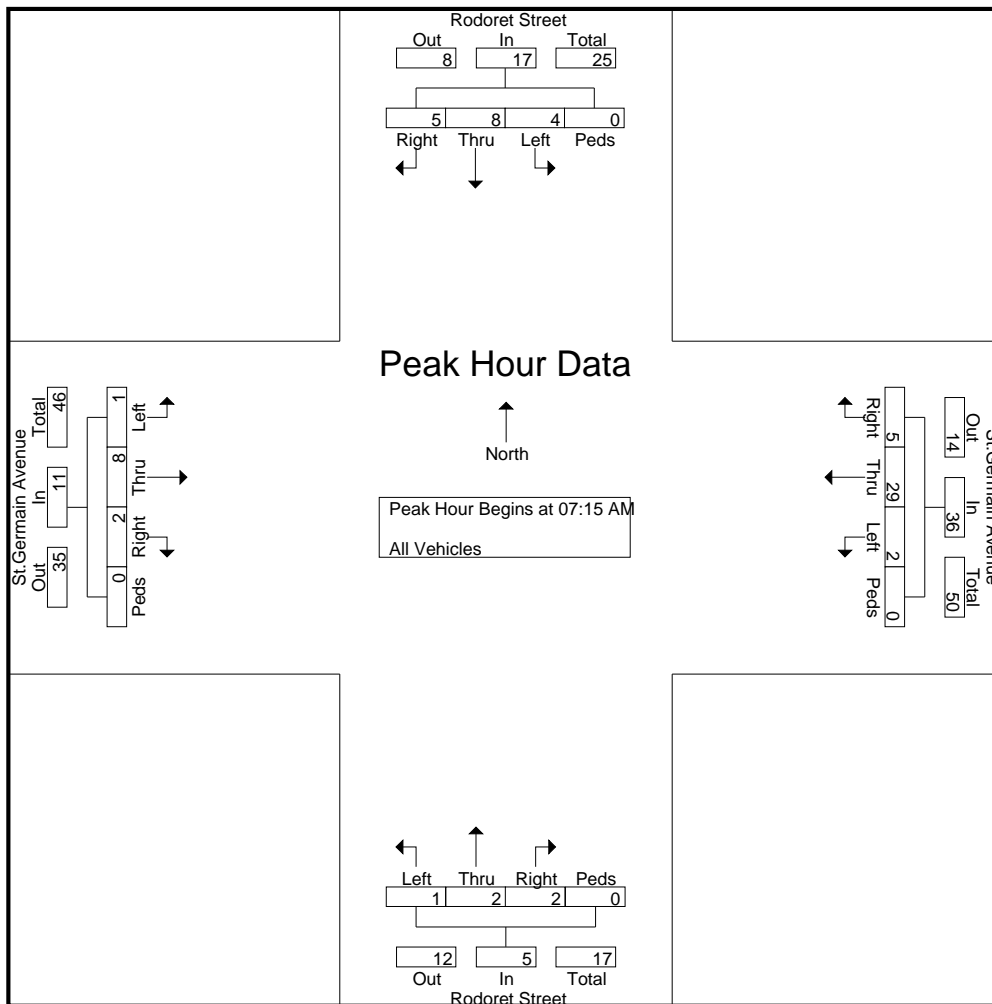
File Name : 0825-St Germain Ave @ Rodoret St-02.09.18-13 hour

Site Code : 02092018

Start Date : 2/9/2018

Page No : 4

Start Time	Rodoret Street Southbound					St.Germain Avenue Westbound					Rodoret Street Northbound					St.Germain Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	3	1	0	4	0	9	1	0	10	1	1	1	0	3	1	1	0	0	2	19
07:30 AM	3	1	0	0	4	1	9	0	0	10	0	0	0	0	0	0	3	0	0	3	17
07:45 AM	1	3	2	0	6	1	7	2	0	10	0	1	1	0	2	0	3	0	0	3	21
08:00 AM	0	1	2	0	3	0	4	2	0	6	0	0	0	0	0	0	1	2	0	3	12
Total Volume	4	8	5	0	17	2	29	5	0	36	1	2	2	0	5	1	8	2	0	11	69
% App. Total	23.5	47.1	29.4	0		5.6	80.6	13.9	0		20	40	40	0		9.1	72.7	18.2	0		
PHF	.333	.667	.625	.000	.708	.500	.806	.625	.000	.900	.250	.500	.500	.000	.417	.250	.667	.250	.000	.917	.821

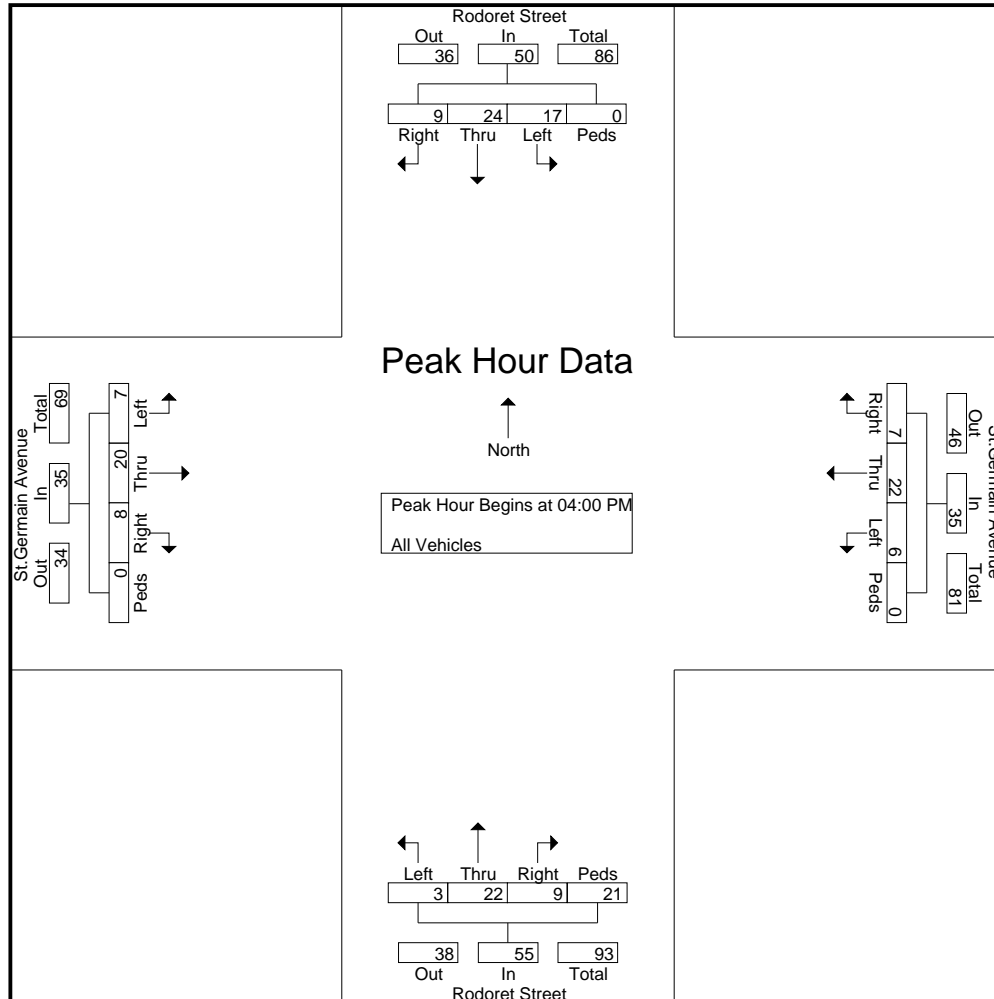


J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.09.18-13 hour
Site Code : 02092018
Start Date : 2/9/2018
Page No : 5

Start Time	Rodoret Street Southbound					St.Germain Avenue Westbound					Rodoret Street Northbound					St.Germain Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App.Total	Left	Thru	Right	Peds	App.Total	Left	Thru	Right	Peds	App.Total	Left	Thru	Right	Peds	App.Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	1	13	3	0	17	2	5	2	0	9	1	6	2	6	15	3	7	4	0	14	55
04:15 PM	8	5	3	0	16	0	7	1	0	8	1	5	3	2	11	1	4	2	0	7	42
04:30 PM	6	3	0	0	9	1	6	3	0	10	1	1	1	4	7	2	7	1	0	10	36
04:45 PM	2	3	3	0	8	3	4	1	0	8	0	10	3	9	22	1	2	1	0	4	42
Total Volume	17	24	9	0	50	6	22	7	0	35	3	22	9	21	55	7	20	8	0	35	175
% App. Total	34	48	18	0		17.1	62.9	20	0		5.5	40	16.4	38.2		20	57.1	22.9	0		
PHF	.531	.462	.750	.000	.735	.500	.786	.583	.000	.875	.750	.550	.750	.583	.625	.583	.714	.500	.000	.625	.795



J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786

828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.09.18

Site Code : 02092018

Start Date : 2/9/2018

Page No : 1

Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					St. Germain Avenue Westbound					Rodoret Street Northbound					St. Germain Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
12:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
12:15 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
01:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
03:15 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
03:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Total	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	0	0	2	3
04:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	3
04:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:45 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	2	0	0	2	5
05:00 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	0	0	2	3
05:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 AM	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4
05:45 AM	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	1	1	0	0	2	4
Total	0	2	1	0	3	1	1	1	0	3	0	0	0	0	0	1	4	0	0	5	11
06:00 AM	0	0	0	0	0	0	1	1	0	2	0	1	0	2	3	0	2	0	0	2	7
06:15 AM	1	1	0	0	2	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	4
06:30 AM	0	0	0	0	0	0	4	1	0	5	1	1	0	0	2	0	0	0	0	0	7
06:45 AM	0	1	0	0	1	0	4	0	0	4	0	1	0	2	3	0	4	0	0	4	12
Total	1	2	0	0	3	0	10	3	0	13	1	3	0	4	8	0	6	0	0	6	30
07:00 AM	1	2	0	0	3	0	1	2	0	3	0	1	0	0	1	0	2	0	0	2	9
07:15 AM	0	3	1	0	4	0	9	1	0	10	1	1	1	0	3	1	1	0	0	2	19
07:30 AM	3	1	0	0	4	1	9	0	0	10	0	0	0	0	0	0	3	0	0	3	17
07:45 AM	1	3	2	0	6	1	7	2	0	10	0	1	1	0	2	0	3	0	0	3	21
Total	5	9	3	0	17	2	26	5	0	33	1	3	2	0	6	1	9	0	0	10	66
08:00 AM	0	1	2	0	3	0	4	2	0	6	0	0	0	0	0	0	1	2	0	3	12
08:15 AM	1	2	2	0	5	0	2	1	0	3	0	0	0	0	0	2	4	0	0	6	14
08:30 AM	1	5	1	0	7	0	3	0	0	3	0	2	2	0	4	0	1	0	2	3	17
08:45 AM	2	4	2	0	8	0	2	0	0	2	0	1	0	0	1	0	1	1	0	2	13
Total	4	12	7	0	23	0	11	3	0	14	0	3	2	0	5	2	7	3	2	14	56

J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786

828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.09.18

Site Code : 02092018

Start Date : 2/9/2018

Page No : 2

Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					St. Germain Avenue Westbound					Rodoret Street Northbound					St. Germain Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
09:00 AM	0	6	3	0	9	1	3	0	0	4	0	1	3	0	4	0	1	3	0	4	21
09:15 AM	1	2	1	0	4	2	5	5	0	12	2	4	3	6	15	0	5	3	4	12	43
09:30 AM	2	4	3	1	10	0	2	1	0	3	2	5	1	2	10	1	3	1	6	11	34
09:45 AM	3	7	4	0	14	1	5	2	0	8	1	3	2	3	9	4	3	1	6	14	45
Total	6	19	11	1	37	4	15	8	0	27	5	13	9	11	38	5	12	8	16	41	143
10:00 AM	4	6	3	0	13	3	4	0	0	7	0	6	1	3	10	3	6	2	4	15	45
10:15 AM	0	6	1	1	8	2	1	3	0	6	1	2	0	4	7	3	1	1	2	7	28
10:30 AM	4	8	2	0	14	2	1	2	0	5	1	3	2	1	7	5	3	2	0	10	36
10:45 AM	1	3	3	0	7	3	5	2	0	10	1	6	2	4	13	3	4	3	0	10	40
Total	9	23	9	1	42	10	11	7	0	28	3	17	5	12	37	14	14	8	6	42	149
11:00 AM	1	2	2	0	5	2	2	1	0	5	1	1	0	1	3	1	0	1	0	2	15
11:15 AM	1	0	2	0	3	0	2	0	1	3	0	2	2	6	10	0	1	1	0	2	18
11:30 AM	0	5	6	0	11	5	4	2	0	11	3	5	4	6	18	2	7	0	4	13	53
11:45 AM	0	3	4	0	7	0	1	1	0	2	0	5	0	1	6	1	2	1	4	8	23
Total	2	10	14	0	26	7	9	4	1	21	4	13	6	14	37	4	10	3	8	25	109
12:00 PM	5	6	3	0	14	2	2	3	0	7	1	0	1	2	4	3	3	2	0	8	33
12:15 PM	3	5	2	0	10	3	7	2	0	12	1	5	0	1	7	1	5	1	0	7	36
12:30 PM	3	9	3	0	15	5	4	4	0	13	1	5	1	3	10	1	3	0	2	6	44
12:45 PM	5	5	1	0	11	2	3	2	0	7	0	8	1	3	12	0	3	1	1	5	35
Total	16	25	9	0	50	12	16	11	0	39	3	18	3	9	33	5	14	4	3	26	148
01:00 PM	2	11	4	0	17	2	7	2	0	11	0	4	2	4	10	2	12	0	0	14	52
01:15 PM	2	6	3	0	11	1	1	4	0	6	1	5	4	2	12	2	2	1	0	5	34
01:30 PM	1	6	2	0	9	1	3	0	0	4	1	4	2	3	10	5	2	0	2	9	32
01:45 PM	3	6	5	0	14	2	4	2	0	8	2	8	2	6	18	3	2	1	1	7	47
Total	8	29	14	0	51	6	15	8	0	29	4	21	10	15	50	12	18	2	3	35	165
02:00 PM	5	7	5	0	17	1	2	3	0	6	2	3	2	4	11	2	2	1	1	6	40
02:15 PM	1	7	1	0	9	1	5	2	2	10	1	7	0	5	13	1	2	3	0	6	38
02:30 PM	2	3	1	0	6	4	5	3	2	14	0	7	2	12	21	2	5	2	0	9	50
02:45 PM	5	10	4	0	19	2	2	1	0	5	1	3	1	5	10	3	2	1	1	7	41
Total	13	27	11	0	51	8	14	9	4	35	4	20	5	26	55	8	11	7	2	28	169
03:00 PM	5	6	6	0	17	5	4	2	0	11	1	11	3	6	21	1	5	3	3	12	61
03:15 PM	6	6	8	0	20	3	6	2	0	11	0	8	5	5	18	6	4	3	1	14	63
03:30 PM	2	6	5	0	13	2	6	7	0	15	0	4	1	2	7	2	6	2	1	11	46
03:45 PM	3	10	4	0	17	1	10	3	1	15	1	11	3	7	22	2	6	2	4	14	68
Total	16	28	23	0	67	11	26	14	1	52	2	34	12	20	68	11	21	10	9	51	238
04:00 PM	1	13	3	0	17	2	5	2	0	9	1	6	2	6	15	3	7	4	0	14	55
04:15 PM	8	5	3	0	16	0	7	1	0	8	1	5	3	2	11	2	3	2	0	7	42
04:30 PM	6	3	0	0	9	1	6	3	0	10	1	1	1	4	7	2	7	1	0	10	36
04:45 PM	2	3	3	0	8	3	4	1	0	8	0	10	3	9	22	1	2	1	0	4	42
Total	17	24	9	0	50	6	22	7	0	35	3	22	9	21	55	8	19	8	0	35	175
05:00 PM	5	6	6	0	17	2	8	1	0	11	0	5	4	4	13	2	12	0	0	14	55
05:15 PM	0	4	2	0	6	2	6	0	0	8	2	5	1	2	10	0	3	0	1	4	28
05:30 PM	3	4	5	0	12	0	3	0	0	3	2	5	0	2	9	3	6	0	0	9	33
05:45 PM	1	5	2	0	8	0	6	2	0	8	1	3	0	2	6	2	6	1	0	9	31
Total	9	19	15	0	43	4	23	3	0	30	5	18	5	10	38	7	27	1	1	36	147
06:00 PM	0	2	1	0	3	0	4	1	0	5	0	1	0	1	2	0	1	1	0	2	12
06:15 PM	0	3	2	0	5	0	3	0	0	3	0	1	1	2	4	0	1	0	0	1	13
06:30 PM	1	4	2	0	7	0	1	0	0	1	0	1	0	2	3	0	1	1	0	2	13
06:45 PM	1	0	1	0	2	2	3	1	0	6	0	2	0	0	2	0	1	0	0	1	11
Total	2	9	6	0	17	2	11	2	0	15	0	5	1	5	11	0	4	2	0	6	49

J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.09.18
Site Code : 02092018
Start Date : 2/9/2018
Page No : 3

Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					St. Germain Avenue Westbound					Rodoret Street Northbound					St. Germain Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
07:00 PM	1	1	0	0	2	0	2	0	0	2	0	3	0	0	3	3	1	1	0	5	12
07:15 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	2	0	0	3	5
07:30 PM	0	1	0	0	1	0	3	0	0	3	1	1	0	0	2	0	2	0	0	2	8
07:45 PM	0	2	3	0	5	0	1	0	0	1	0	0	0	2	2	0	1	0	2	3	11
Total	1	4	3	0	8	0	6	0	0	6	1	6	0	2	9	4	6	1	2	13	36
08:00 PM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	3
08:15 PM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
08:30 PM	1	2	0	0	3	0	2	1	0	3	0	1	0	0	1	0	1	0	0	1	8
08:45 PM	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3
Total	2	4	1	0	7	0	3	1	0	4	0	2	0	0	2	1	2	0	0	3	16
09:00 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:15 PM	1	0	0	2	3	1	0	1	0	2	0	0	0	0	0	0	0	0	2	2	7
09:30 PM	0	1	0	4	5	0	0	0	0	0	0	0	0	0	0	0	2	0	8	10	15
09:45 PM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Total	2	1	1	6	10	1	0	1	0	2	0	1	0	0	1	0	2	0	10	12	25
10:00 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10:15 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	2
10:30 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	2
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	1	0	0	2	0	2	0	0	0	0	0	0	1	0	1	2	5
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Total	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	4
Grand Total	114	250	138	8	510	74	221	91	6	392	37	200	69	149	455	85	189	58	63	395	1752
Apprch %	22.4	49	27.1	1.6		18.9	56.4	23.2	1.5		8.1	44	15.2	32.7		21.5	47.8	14.7	15.9		
Total %	6.5	14.3	7.9	0.5	29.1	4.2	12.6	5.2	0.3	22.4	2.1	11.4	3.9	8.5	26	4.9	10.8	3.3	3.6	22.5	

J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786

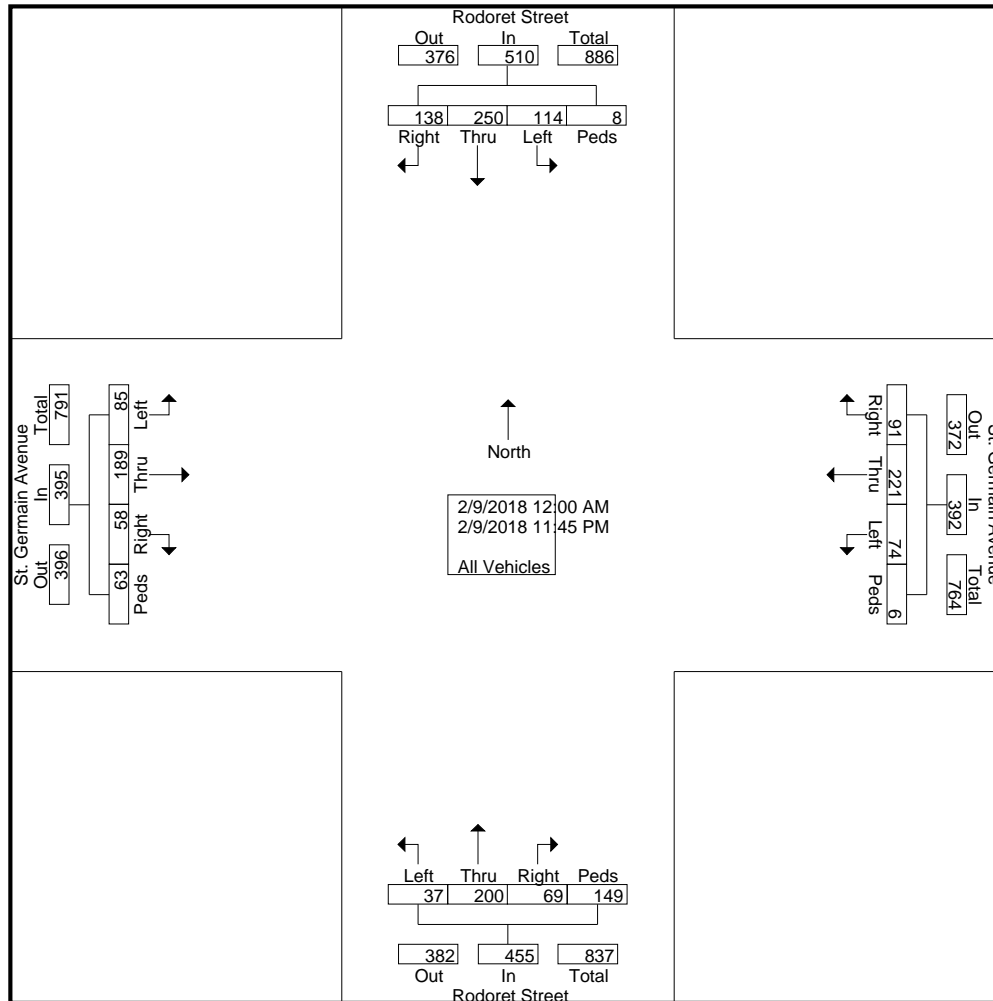
828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.09.18

Site Code : 02092018

Start Date : 2/9/2018

Page No : 4

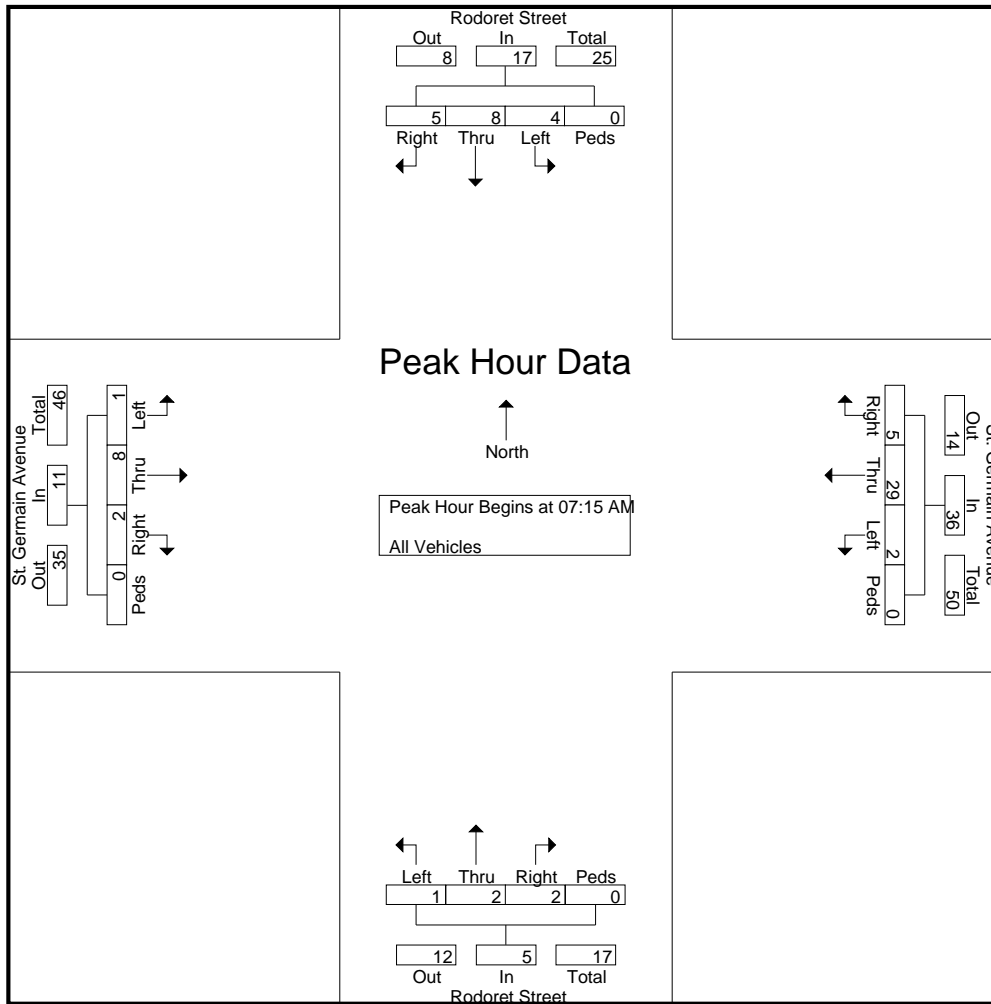


J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.09.18
Site Code : 02092018
Start Date : 2/9/2018
Page No : 5

	Rodoret Street Southbound					St. Germain Avenue Westbound					Rodoret Street Northbound					St. Germain Avenue Eastbound					
Start Time	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	0	3	1	0	4	0	9	1	0	10	1	1	1	0	3	1	1	0	0	2	19
07:30 AM	3	1	0	0	4	1	9	0	0	10	0	0	0	0	0	0	3	0	0	3	17
07:45 AM	1	3	2	0	6	1	7	2	0	10	0	1	1	0	2	0	3	0	0	3	21
08:00 AM	0	1	2	0	3	0	4	2	0	6	0	0	0	0	0	0	1	2	0	3	12
Total Volume	4	8	5	0	17	2	29	5	0	36	1	2	2	0	5	1	8	2	0	11	69
% App. Total	23.5	47.1	29.4	0		5.6	80.6	13.9	0		20	40	40	0		9.1	72.7	18.2	0		69
PHF	.333	.667	.625	.000	.708	.500	.806	.625	.000	.900	.250	.500	.500	.000	.417	.250	.667	.250	.000	.917	.821



J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786

828-456-8383

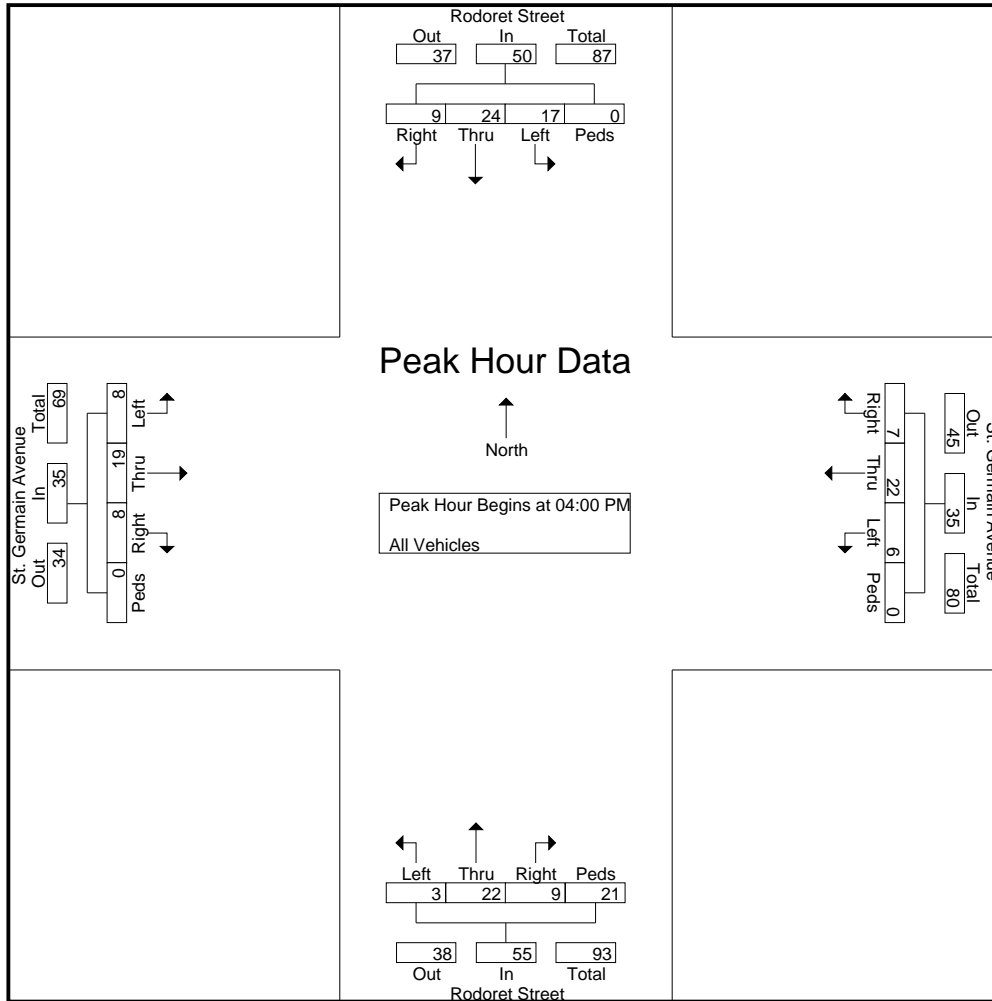
File Name : 0825-St Germain Ave @ Rodoret St-02.09.18

Site Code : 02092018

Start Date : 2/9/2018

Page No : 6

Start Time	Rodoret Street Southbound					St. Germain Avenue Westbound					Rodoret Street Northbound					St. Germain Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	1	13	3	0	17	2	5	2	0	9	1	6	2	6	15	3	7	4	0	14	55
04:15 PM	8	5	3	0	16	0	7	1	0	8	1	5	3	2	11	2	3	2	0	7	42
04:30 PM	6	3	0	0	9	1	6	3	0	10	1	1	1	4	7	2	7	1	0	10	36
04:45 PM	2	3	3	0	8	3	4	1	0	8	0	10	3	9	22	1	2	1	0	4	42
Total Volume	17	24	9	0	50	6	22	7	0	35	3	22	9	21	55	8	19	8	0	35	175
% App. Total	34	48	18	0		17.1	62.9	20	0		5.5	40	16.4	38.2		22.9	54.3	22.9	0		
PHF	.531	.462	.750	.000	.735	.500	.786	.583	.000	.875	.750	.550	.750	.583	.625	.667	.679	.500	.000	.625	.795



J.M. Teague Engineering & Planning
 525 N. Main Street, Waynesville, NC 28786
 828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.10.18
 Site Code : 02102018
 Start Date : 2/10/2018
 Page No : 1

Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					St. Germain Avenue Westbound					Rodoret Street Northbound					St. Germain Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
12:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
12:30 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3
01:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 AM	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
04:45 AM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Total	0	0	2	0	2	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	4
05:00 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
05:15 AM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
05:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
05:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total	0	1	0	0	1	0	1	1	0	2	0	1	0	0	1	0	1	0	0	1	5
06:00 AM	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
06:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	3
06:30 AM	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4
06:45 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	3
Total	1	1	1	0	3	0	5	0	0	5	0	0	0	0	0	0	3	1	0	4	12
07:00 AM	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	3
07:15 AM	0	2	0	0	2	1	2	0	0	3	0	2	1	0	3	0	1	0	0	1	9
07:30 AM	0	0	0	0	0	0	4	0	0	4	0	1	0	0	1	0	1	1	0	2	7
07:45 AM	0	0	3	0	3	0	2	1	0	3	0	0	0	0	0	0	3	0	0	3	9
Total	0	2	3	0	5	1	10	2	0	13	0	3	1	0	4	0	5	1	0	6	28
08:00 AM	1	0	0	0	1	0	5	0	0	5	1	1	0	0	2	1	0	0	0	1	9
08:15 AM	0	2	3	0	5	1	3	3	0	7	0	1	1	3	5	1	0	0	0	1	18
08:30 AM	0	0	4	0	4	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	8
08:45 AM	1	1	2	0	4	0	2	0	0	2	2	0	1	1	4	1	0	0	0	1	11
Total	2	3	9	0	14	1	12	3	0	16	3	2	2	4	11	3	2	0	0	5	46

J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786
828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.10.18
Site Code : 02102018
Start Date : 2/10/2018
Page No : 2

Groups Printed- All Vehicles

Start Time	Rodoret Street Southbound					St. Germain Avenue Westbound					Rodoret Street Northbound					St. Germain Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
09:00 AM	0	4	1	0	5	1	0	0	0	1	0	3	0	0	3	2	1	2	0	5	14
09:15 AM	0	1	2	0	3	1	3	0	0	4	0	2	2	2	6	0	5	1	0	6	19
09:30 AM	2	6	2	0	10	1	2	0	0	3	0	4	2	5	11	2	0	4	0	6	30
09:45 AM	0	1	4	0	5	1	5	0	0	6	1	6	0	4	11	0	4	2	0	6	28
Total	2	12	9	0	23	4	10	0	0	14	1	15	4	11	31	4	10	9	0	23	91
10:00 AM	1	5	2	0	8	0	2	0	0	2	2	3	3	8	16	0	6	1	2	9	35
10:15 AM	1	3	2	0	6	4	3	0	0	7	3	4	3	10	20	1	2	1	1	5	38
10:30 AM	1	1	1	2	5	1	2	1	0	4	1	3	4	9	17	1	1	1	3	6	32
10:45 AM	2	2	2	0	6	1	1	2	0	4	1	4	1	1	7	0	0	2	2	4	21
Total	5	11	7	2	25	6	8	3	0	17	7	14	11	28	60	2	9	5	8	24	126
11:00 AM	2	8	2	0	12	0	3	0	0	3	1	3	3	7	14	2	2	2	4	10	39
11:15 AM	3	3	2	0	8	2	2	2	0	6	1	6	1	8	16	2	3	4	0	9	39
11:30 AM	3	9	1	0	13	1	2	0	0	3	2	2	1	3	8	1	8	2	5	16	40
11:45 AM	1	6	5	0	12	0	2	2	0	4	1	5	2	6	14	2	3	2	1	8	38
Total	9	26	10	0	45	3	9	4	0	16	5	16	7	24	52	7	16	10	10	43	156
12:00 PM	3	1	2	0	6	3	4	1	0	8	0	3	2	3	8	1	7	0	0	8	30
12:15 PM	2	2	2	14	20	1	2	0	0	3	0	1	2	2	5	3	2	0	0	5	33
12:30 PM	0	1	2	0	3	0	1	0	0	1	0	2	0	0	2	3	3	0	0	6	12
12:45 PM	1	4	2	0	7	1	3	2	0	6	1	5	1	1	8	0	2	0	1	3	24
Total	6	8	8	14	36	5	10	3	0	18	1	11	5	6	23	7	14	0	1	22	99
Grand Total	26	66	50	16	158	20	66	16	0	102	17	63	30	73	183	23	61	26	19	129	572
Apprch %	16.5	41.8	31.6	10.1		19.6	64.7	15.7	0		9.3	34.4	16.4	39.9		17.8	47.3	20.2	14.7		
Total %	4.5	11.5	8.7	2.8	27.6	3.5	11.5	2.8	0	17.8	3	11	5.2	12.8	32	4	10.7	4.5	3.3	22.6	

J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786

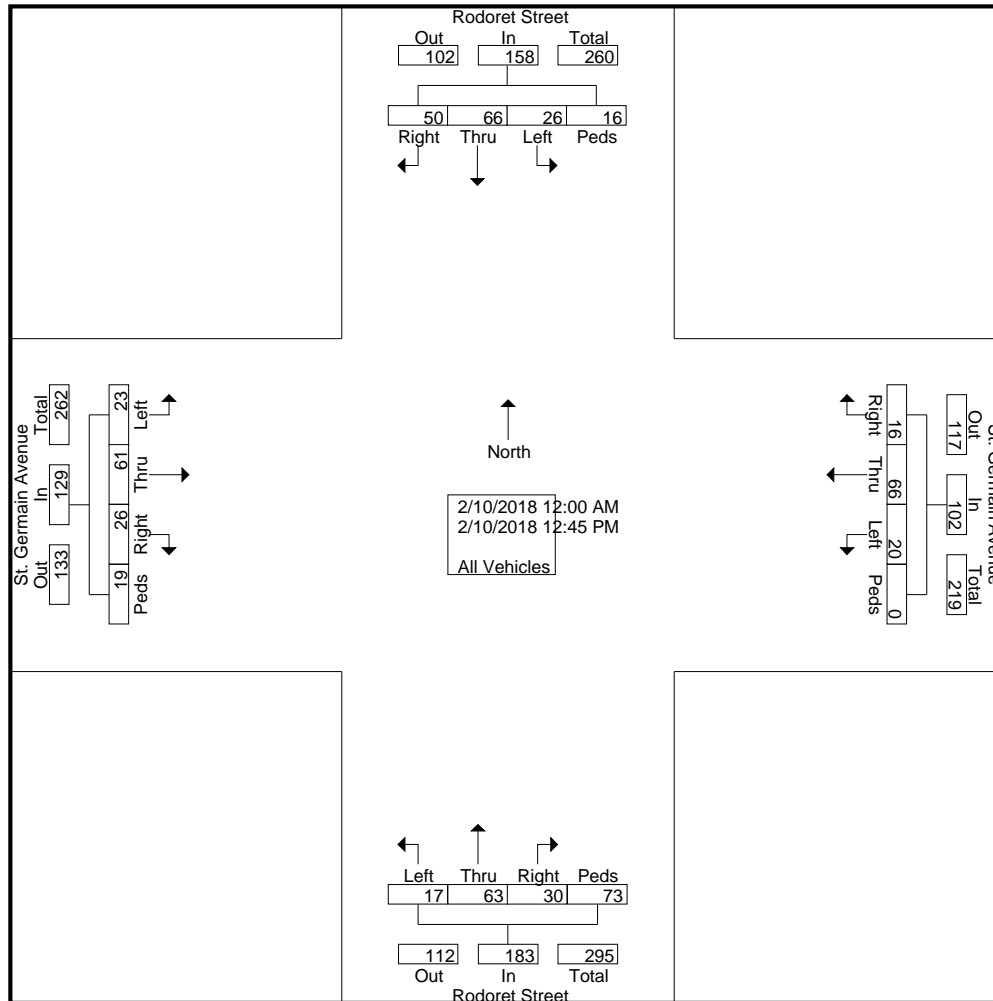
828-456-8383

File Name : 0825-St Germain Ave @ Rodoret St-02.10.18

Site Code : 02102018

Start Date : 2/10/2018

Page No : 3



J.M. Teague Engineering & Planning

525 N. Main Street, Waynesville, NC 28786

828-456-8383

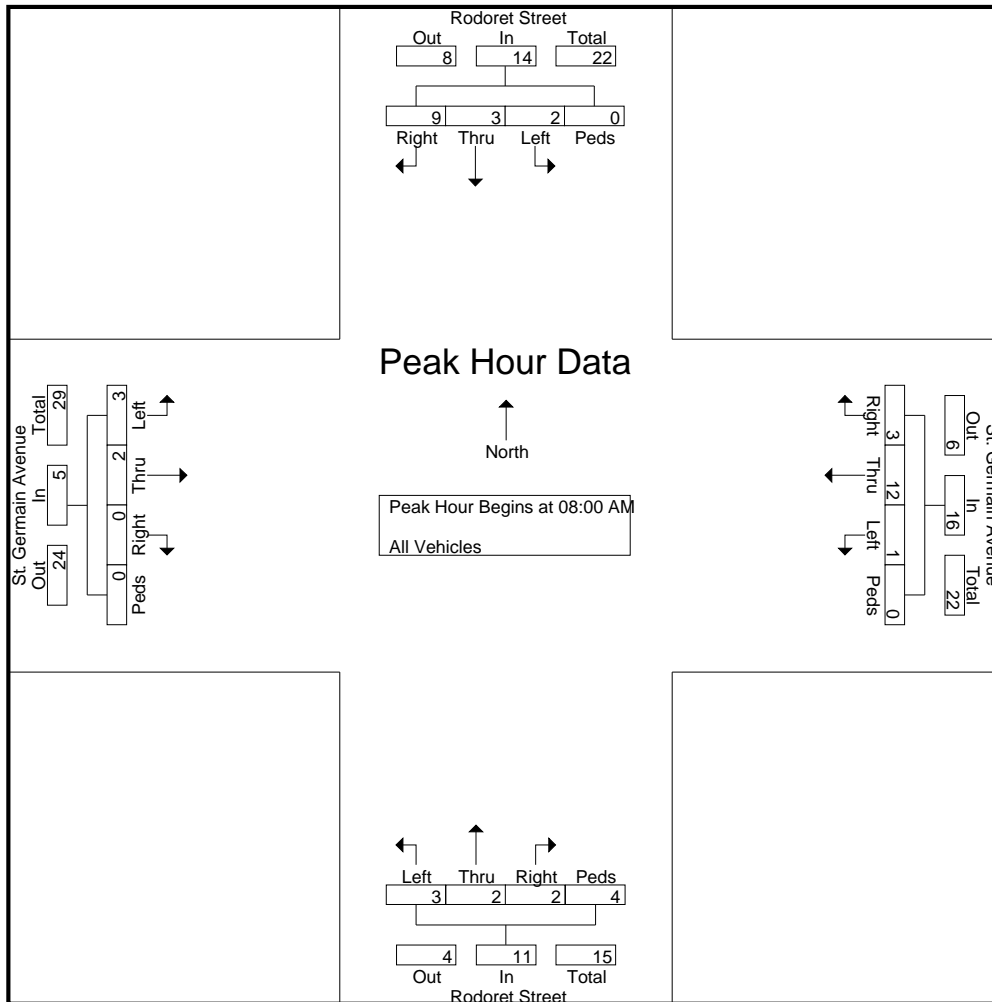
File Name : 0825-St Germain Ave @ Rodoret St-02.10.18

Site Code : 02102018

Start Date : 2/10/2018

Page No : 4

Start Time	Rodoret Street Southbound					St. Germain Avenue Westbound					Rodoret Street Northbound					St. Germain Avenue Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:00 AM																					
08:00 AM	1	0	0	0	1	0	5	0	0	5	1	1	0	0	2	1	0	0	0	1	9
08:15 AM	0	2	3	0	5	1	3	3	0	7	0	1	1	3	5	1	0	0	0	1	18
08:30 AM	0	0	4	0	4	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	8
08:45 AM	1	1	2	0	4	0	2	0	0	2	2	0	1	1	4	1	0	0	0	1	11
Total Volume	2	3	9	0	14	1	12	3	0	16	3	2	2	4	11	3	2	0	0	5	46
% App. Total	14.3	21.4	64.3	0		6.2	75	18.8	0		27.3	18.2	18.2	36.4		60	40	0	0		
PHF	.500	.375	.563	.000	.700	.250	.600	.250	.000	.571	.375	.500	.500	.333	.550	.750	.250	.000	.000	.625	.639



Appendix B

Signal Warrants

J. M. Teague Engineering, PLLC

525 North Main Street, Waynesville, NC

(828) 456-8383

Study Name : Signal Warrant Study - St. Germaine @ Roderet 3.8.2018

Signal Warrants - Summary

Major Street Approaches

Eastbound: St. Germain Avenue

Number of Lanes: 1
 85% Speed < 40 MPH.
 Total Approach Volume: **332**

Westbound: St. Germain Avenue

Number of Lanes: 1
 85% Speed < 40 MPH.
 Total Approach Volume: **386**

Minor Street Approaches

Northbound: Rodoret Street

Number of Lanes: 1
 Total Approach Volume: **305**

Southbound: Rodoret Street

Number of Lanes: 1
 Total Approach Volume: **502**

Warrant Summary (Rural values apply.)

Warrant 1 - Eight Hour Vehicular Volumes	Not Satisfied
Warrant 1A - Minimum Vehicular Volume Not Satisfied	
Required volumes reached for 0 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic Not Satisfied	
Required volumes reached for 0 hours, 8 are needed	
Warrant 1C - Combination of Warrants Not Satisfied	
Required 1A volumes reached for 0 hours, 8 are needed	
Required 1B volumes reached for 0 hours, 8 are needed	
Warrant 2 - Four Hour Volumes	Not Satisfied
Number of hours (0) volumes exceed minimum < minimum required (4).	
Warrant 3 - Peak Hour	Not Satisfied
Warrant 3A - Peak Hour Delay Not Satisfied	
Approach volumes on minor street don't exceed minimums for any hour. Delay data not evaluated.	
Warrant 3B - Peak Hour Volumes Not Satisfied	
Volumes do not exceed minimums for any hour.	
Warrant 4 - Pedestrian Volumes	Not Evaluated
Warrant 5 - School Crossing	Not Evaluated
Warrant 6 - Coordinated Signal System	Not Evaluated
Warrant 7 - Crash Experience	Not Evaluated
Warrant 8 - Roadway Network	Not Evaluated
Warrant 9 - Intersection Near a Grade Crossing	Not Evaluated

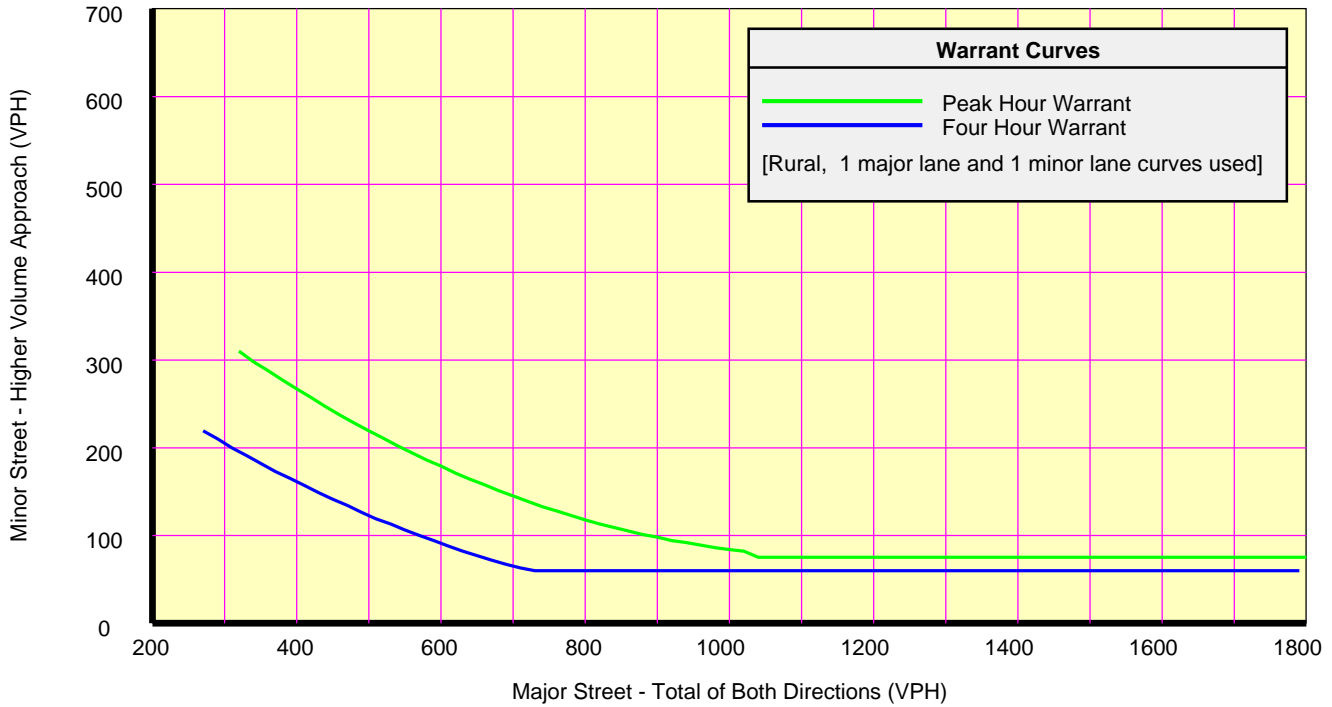
J. M. Teague Engineering, PLLC

525 North Main Street, Waynesville, NC

(828) 456-8383

Study Name : Signal Warrant Study - St. Germaine @ Roderet 3.8.2018

Signal Warrants - Summary



Analysis of 8-Hour Volume Warrants:

War 1A-Minimum Volume

War 1B-Interruption of Traffic

War 1C-Combination of Warrants

Hour Begin	Major Total	Minor Vol Dir	Maj 350	Min 105	Hour Begin	Major Total	Minor Vol Dir	Maj 525	Min 53	Hour Begin	Major Total	Minor Vol Dir	1A Met	1B Met
15:15	96	67 SB	No	No	15:15	96	67 SB	No	Yes	15:15	96	67 SB	No	No
15:00	93	67 SB	No	No	15:00	93	67 SB	No	Yes	15:00	93	67 SB	No	No
15:30	87	63 SB	No	No	15:30	87	63 SB	No	Yes	15:30	87	63 SB	No	No
15:45	82	59 SB	No	No	15:45	82	59 SB	No	Yes	15:45	82	59 SB	No	No
14:45	80	69 SB	No	No	14:45	80	69 SB	No	Yes	14:45	80	69 SB	No	No
14:30	76	62 SB	No	No	14:30	76	62 SB	No	Yes	14:30	76	62 SB	No	No
16:15	72	50 SB	No	No	16:15	72	50 SB	No	No	16:15	72	50 SB	No	No
12:15	72	53 SB	No	No	12:15	72	53 SB	No	Yes	12:15	72	53 SB	No	No
16:00	70	50 SB	No	No	16:00	70	50 SB	No	No	16:00	70	50 SB	No	No
16:30	68	40 SB	No	No	16:30	68	40 SB	No	No	16:30	68	40 SB	No	No
14:15	66	51 SB	No	No	14:15	66	51 SB	No	No	14:15	66	51 SB	No	No
17:00	65	43 SB	No	No	17:00	65	43 SB	No	No	17:00	65	43 SB	No	No
12:30	64	54 SB	No	No	12:30	64	54 SB	No	Yes	12:30	64	54 SB	No	No
10:00	64	41 SB	No	No	10:00	64	41 SB	No	No	10:00	64	41 SB	No	No
12:00	62	50 SB	No	No	12:00	62	50 SB	No	No	12:00	62	50 SB	No	No
09:15	62	40 SB	No	No	09:15	62	40 SB	No	No	09:15	62	40 SB	No	No
13:00	61	51 SB	No	No	13:00	61	51 SB	No	No	13:00	61	51 SB	No	No
16:45	60	43 SB	No	No	16:45	60	43 SB	No	No	16:45	60	43 SB	No	No
13:45	60	46 SB	No	No	13:45	60	46 SB	No	No	13:45	60	46 SB	No	No
11:30	60	42 SB	No	No	11:30	60	42 SB	No	No	11:30	60	42 SB	No	No
09:45	60	48 SB	No	No	09:45	60	48 SB	No	No	09:45	60	48 SB	No	No
12:45	58	48 SB	No	No	12:45	58	48 SB	No	No	12:45	58	48 SB	No	No
14:00	57	51 SB	No	No	14:00	57	51 SB	No	No	14:00	57	51 SB	No	No
11:45	57	46 SB	No	No	11:45	57	46 SB	No	No	11:45	57	46 SB	No	No



Town of Valdese

Agenda Packet

Notes

Submitted by: Bryan Duckworth / Larry Johnson

Department: Public Works/ Planning

Contact Number: 828-879-2128

Date Submitted: March, 26 2018

Email: bduckworth@valdesenc.gov

Date of Council Meeting to consider item: April 2, 2018

Council Action Requested: Offer to Purchase Town owned property at 100 Whisnant Street NE

Funding – None

Special Information:

Staff has been presented with an offer to purchase Town owned property at 100 Whisnant Street SE. The offer to purchase is for 2 small sections of land. One section is the original street right of way for Whisnant Street SE. The second is a small cut of land from property at 100 Whisnant Street SE. The total purchase will be approximately 0.16 acres of land. Offer to purchase is from Neil Shatley (Alray Tire). The full offer price of \$61490.00 is in escrow and will be used to fund the relocation of Whisnant Street. Offer will be advertised for upset bid for a period of 10 days. If no upset bid is obtained the final approval for purchase will be presented at the May Council meeting.

RESOLUTION OF INTENT TO SELL REAL PROPERTY

WHEREAS, Roger Neil Shatley (Shatley) has offered to purchase from the Town of Valdese for the sum of \$61,490 that parcel containing approximately 4,116 square feet, which is identified as “Portion of Town of Valdese Property to be Recombined with PIN 2743346272” in that map prepared by West Consultants, PLLC titled, “Town of Valdese (Whisnant Street SE Relocation)”, which is on file at the Valdese Town Hall (the Map), together with that part of the adjoining parcel identified on the Map as “Portion of Whisnant Street SE to be Closed and Recombined”, that is owned by the Town (both adjoining parcels are referred to as “the Property”); and

WHEREAS, the Property is located near the Alray Tire facility; and

WHEREAS, the town council proposes to accept Shatley’s offer; and

WHEREAS, pursuant to G.S. 160A-269, Shatley has deposited an amount equal to 5% of his bid; and

WHEREAS, the town council is required to publish a notice containing a general description of the Property, the amount and terms of the offer and notice that within ten (10) days any person may raise the bid as provided by G.S. 160A-269;

IT IS THEREFORE RESOLVED AS FOLLOWS:

1. The town council intends to accept Shatley’s offer to purchase the Property for the sum of \$61,490.
2. Shatley shall be required to deposit with the town clerk the sum of at least 5% his bid as required by G.S. 160A-269.
3. A notice of this offer shall be published as required by G.S. 160A-269.

This resolution was adopted April 2, 2018.

John F. Black, Jr., Mayor

ATTEST:

Town Clerk

(corporate seal)

Valdese Town Council Meeting Monday, April 02, 2018

Budget Amendment No. 13

Subject: Fire Truck Purchase

Memorandum:

As per discussions held in previous council meetings pertaining to the subject, the following budget amendment is essential in order to appropriate the necessary funds.

Action Suggested:

BE IT ORDAINED by the Governing Board of the Town of Valdese, North Carolina that the following amendment is made to the annual budget ordinance for the fiscal year ending June 30, 2018:

Section 1. To amend the **General** Fund, the expenditures are to be changed as follows:

<u>Acct.</u> <u>No.</u>	<u>Debit</u>	<u>Credit</u>
10.5300.740 Capital Equipment		851,097
	-----	-----
Total	\$	\$851,097
	=====	=====

This will result in a net increase of \$851,097 in the expenditures of the **General** Fund. To provide funding for the above, the following revenue budgets will be increased. These additional revenues have already been received.

<u>Acct.</u> <u>No.</u>	Debit	Credit
10.3970.762 Loan Proceeds	851,097	
	-----	-----
Total	\$851,097	\$
	=====	=====

Section 2. Copies of this budget amendment shall be furnished to the Clerk to the Governing Board, to the Budget Officer and the Finance Officer for their direction.

Valdese Town Council Meeting Monday, April 02, 2018

Budget Amendment No. 14

Subject: Transfers From Capital Project Funds

Memorandum:

As per discussions held in previous council meetings pertaining to the subject, the following budget amendment is essential in order to appropriate the necessary funds.

Action Suggested:

BE IT ORDAINED by the Governing Board of the Town of Valdese, North Carolina that the following amendment is made to the annual budget ordinance for the fiscal year ending June 30, 2018:

Section 1. To amend the **General** Fund, the expenditures are to be changed as follows:

<u>Acct.</u> <u>No.</u>		<u>Debit</u>	<u>Credit</u>
10.5100.021	Police Over Time	4,000	
10.5100.330	Mobile Phone Analyzer	1,000	
		-----	-----
Total		\$ 5,000	\$ 0
		=====	=====

This will result in a net increase of \$ 5,000 in the expenditures of the **General** Fund. To provide funding for the above, the following revenue budgets will be increased. These additional revenues have already been received.

<u>Acct.</u> <u>No.</u>			
10.3970.302	Capital Project Fund		4,000
10.5300.912	Fire Truck Debt Service		1,000
		-----	-----
Total		\$	\$ 5,000
		=====	=====

Section 2. Copies of this budget amendment shall be furnished to the Clerk to the Governing Board, to the Budget Officer and the Finance Officer for their direction.

Valdese Town Council Meeting Monday, April 02, 2018

Budget Amendment No. 15

Subject: Public Art Donation

Memorandum:

As per discussions held in previous council meetings pertaining to the subject, the following budget amendment is essential in order to appropriate the necessary funds.

Action Suggested:

BE IT ORDAINED by the Governing Board of the Town of Valdese, North Carolina that the following amendment is made to the annual budget ordinance for the fiscal year ending June 30, 2018:

Section 1. To amend the **General** Fund, the expenditures are to be changed as follows:

<u>Acct.</u> <u>No.</u>		<u>Debit</u>	<u>Credit</u>
10.6250.926	Public Art	25,000	
		-----	-----
Total		\$ 25,000	\$
		=====	=====

This will result in a net increase of \$ 25,000 in the expenditures of the **General** Fund. To provide funding for the above, the following revenue budgets will be increased. These additional revenues have already been received.

<u>Acct.</u> <u>No.</u>			
10.3350.002	Donation - Art		25,000
		-----	-----
Total		\$	\$ 25,000
		=====	=====

Section 2. Copies of this budget amendment shall be furnished to the Clerk to the Governing Board, to the Budget Officer and the Finance Officer for their direction.