

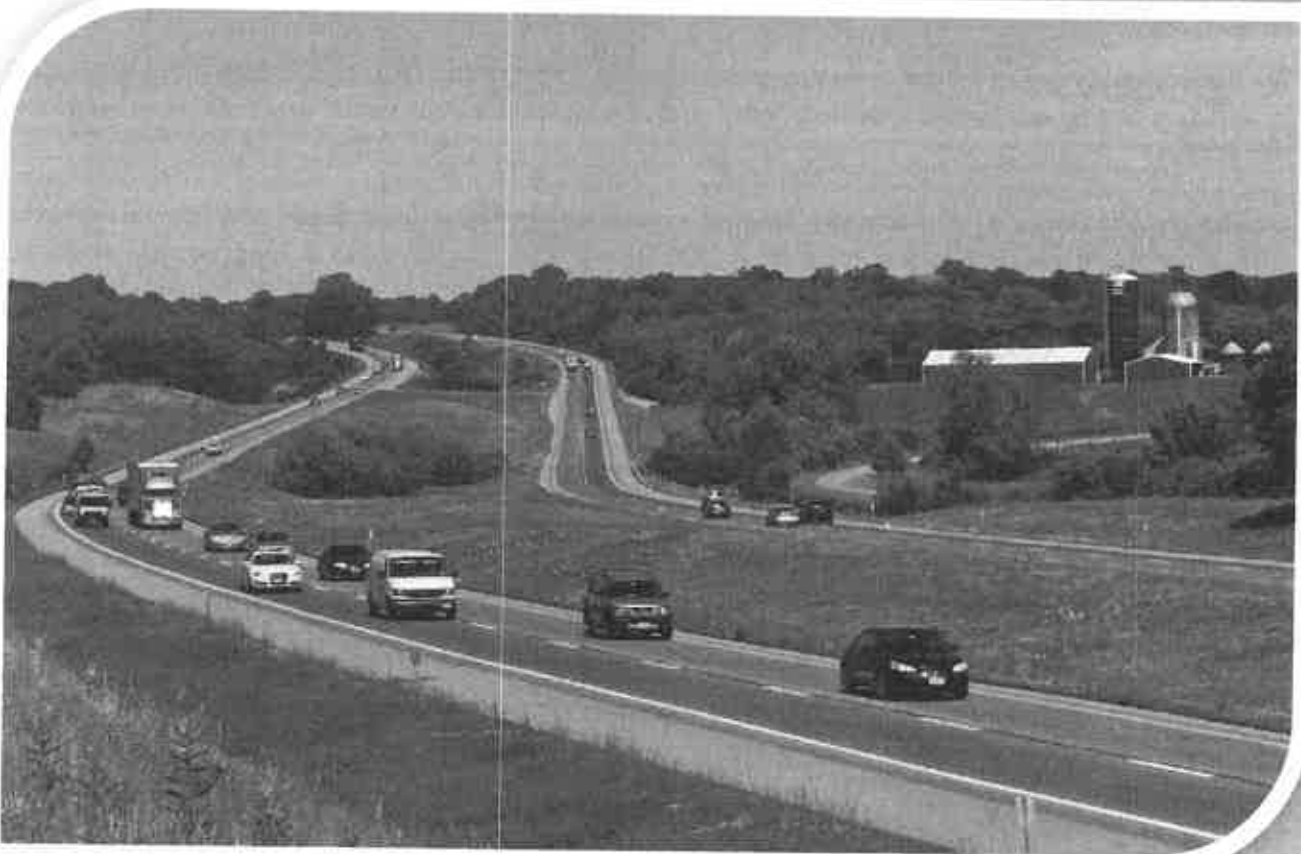
2016

Quality Traffic Data, LLC

4860 Cox Road, Suite 200

Glen Allen, VA 23060

CRFQ 0803 DOT1600000055



02/22/16 09:44:36
WV Purchasing Division

Prepared for
West Virginia
Purchasing Division



Quality Traffic Data

Traffic Data On Demand

4860 Cox Road, Suite 200
Glen Allen, VA 23060
Phone: 877- 852-4355
Fax: 877-877-3698
Info@QualityTrafficData.com

February 19th, 2016

Att: Ms. Sheila L Hannah
Department of Administration
Purchasing Division
2019 Washington St E
Charleston, WV 25305-0130

Re: CRFQ 0803 DOT1600000055

Dear Ms. Sheila L Hanna,

We have carefully reviewed the project requirements for CRFQ 0803 DOT1600000055. We are pleased to inform you that our firm is qualified, ready, and able to service your traffic data collection needs for this project.

Quality Traffic Data (QTD) has many years of experience providing local, State, and Federal agencies with professional data collection services. At QTD, we pride ourselves on a long history of client satisfaction. We work closely with our clients at every stage of active projects to ensure that every specification is met. In addition, we use the latest equipment, tools, and software to improve accuracy and productivity. QTD is also well known for its high regard to safety throughout each step of every project.

The attached proposal complies with the applicable requirements as indicated in your CRFQ. Please contact us directly if you wish to discuss the particulars of this proposal, or to bind or negotiate its terms.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Gouhari".

Danny Gouhari



Quality Traffic Data

Traffic Data On Demand

4860 Cox Road, Suite 200
Glen Allen, VA 23060
Phone: 877- 852-4355
Fax: 877-877-3698
Info@QualityTrafficData.com

Executive Summary

Quality Traffic Data, LLC (QTD) has extensive experience in traffic data collection with private engineering firms and government agencies at the local, state, and federal levels. Having successfully conducted projects throughout the United States, including West Virginia, Virginia, North Carolina, South Carolina, California, Georgia, Florida, Texas, Rhode Island and more, our ability to handle several contracts simultaneously throughout the U.S. establishes our capability to successfully conduct the project.

Our experience along with our staffs' high level of motivation and drive for excellence, is what has maintained our reputation as a leader in the industry.

QTD values continued training and education of our staff, which allows us to remain up-to-date on new or developing standards, regulations, and technology that affect our industry. This investment allows us to continue to provide the high quality service that our clients have come to expect in a more productive manner.

Our expertise in traffic data collection services included:

- ADT (24-hour, 48 hour, 72 Hr)
- Seven (7) day Machine Counts
- Axle/Classification Studies (24-Hr. and Manual)
- Turning Movement Counts
- Pedestrian and Bicycle Studies
- Gap Studies
- Intersection Delay Studies
- Spot Speed Survey
- Travel Time Studies
- Saturation Flow Rate Studies
- Occupancy Counts
- Origin-Destination Studies
- Pedestrian Counts
- License Plate Studies
- Parking Studies
- GIS/GPS Studies
- Bluetooth Studies



Quality Traffic Data

Traffic Data On Demand

4860 Cox Road, Suite 200
Glen Allen, VA 23060
Phone: 877- 852-4355
Fax: 877-877-3698
Info@QualityTrafficData.com

Danny Gouhari

Project Manager

Mr. Danny Gouhari is a principal with over a decade of experience in data collection services, including machine counts for volume, class, and speed, transit passenger Surveys, Origin & Destination Studies, turning movement counts of many survey lengths, 48-hour Bicycle and Pedestrian counts, and more. His data collection experience includes many traffic studies, surveys and counts for various agencies and governments, as well as engineering firms.

Danny takes the lead in client services, the firm's product development, new business development, marketing, recruitment and training. He has been with the company since its inception.

All of Danny's previous professional experiences have laid the foundation for his leadership at QTD. During his extensive career with QTD, Danny has served as manager for various projects. Danny is extremely results oriented, and he expects no less than near perfect performance from his company.

Danny has successfully managed many of QTD's projects, including manual traffic counts, machine counts, radar studies, and parking studies in WV, VA, NC, SC, PA, CA, FL, TX, NY, SC, NC, AZ, and GA.



Quality Traffic Data

Traffic Data On Demand

4860 Cox Road, Suite 200
Glen Allen, VA 23060
Phone: 877- 852-4355
Fax: 877-877-3698
Info@QualityTrafficData.com

Eric Beck

Assistant Project Manager

Mr. Eric Beck has been the Assistant Project Manager to all of QTD's projects for more than two years. Consequently, he has experience in the management of Quality Assurance procedures, data entry, and reporting that encompass the entire gambit of traffic data collections study types. He is a diligent worker and always produces results on schedule.

Eric is the in-house authority on our study templates. He is a powerhouse in the production of reliable and complex computations in Microsoft Excel. When clients require alterations to our study templates, Eric sees to it that client needs are met on schedule, on budget and on specification. He is essential to our assurance process, which has made QTD an industry leader on various traffic data collection needs nationwide.



Quality Traffic Data

Traffic Data On Demand

4860 Cox Road, Suite 200
Glen Allen, VA 23060
Phone: 877- 852-4355
Fax: 877-877-3698
Info@QualityTrafficData.com

Education

B.S.

David Burton

Area Manager/Field Technician

Mr. David Burton will serve as Area Manager, and oversee all field crews working on this project. He will see to it that all employees report to work in a timely manner and that the entire project is executed properly. He will also be assisting with the data collection production and the data reduction. David's participation will help ensure that the schedule is met on time.

His areas of expertise include Approach Counts, Intersection Turning Movement Counts, 48-Hour Bicycle and Classification studies, ADT, Classification, Speed, Spot Speed, Vehicle Gap Studies, Pedestrian Group Size Studies, Origin & Destination Studies, Travel Time Studies, Bluetooth Studies, Intersection Delay Studies, et cetera. He has been versed in any of the study types appearing in the Manual of Uniform Traffic Control Devices for many years. He also has a great deal of experience with coordinating field crews for traffic data collection. He is an excellent team leader, with great organizational skills.

Additional Technicians

These will be the remaining technicians working for this project. All of the following have over five years of experience in traffic data collections:

- Alfonso Hernandez
- Joseph Mendez
- Bob Kendricks
- Joseph Godfrey



Quality Traffic Data

Traffic Data On Demand

4860 Cox Road, Suite 200
Glen Allen, VA 23060
Phone: 877- 852-4355
Fax: 877-877-3698
Info@QualityTrafficData.com

References

Quality Traffic Data has experience in metropolitan areas, and particularly high-speed facilities, throughout the United States. The following is a list of projects, similar to the count methods proposed by the Department of Transportation.

Gwinnett County – 2010 to Current

QTD was awarded a contract to conduct data collections for Travel Time and Delay Study, GPS, Volume, Class, and Speed, TMC, Bicycle and Pedestrian Counts, requiring various study durations from 24-Hours to two continuous weeks.

Contact: Mr. Ash Khan
Address: 75 Langley Drive, Lawrenceville, GA 30045
Phone: 770-822-7463

City of Tallahassee, FL – Since 2010 to Current

Quality Traffic Data (QTD) was awarded a contract by City of Tallahassee, FL to conduct TMC during AM/MD/PM with ped/bike and machine counts for the entire city.

Contact: Mr. Ross Airom
Address: 300 South Adams Street Tallahassee, Florida 32301-1731
Phone: 850-891-8265

City of Escondido – 2007 to Current

QTD was contracted by the City of Escondido to conduct various traffic data collections, including Travel Time Studies, Turning Movement Counts with Pedestrians & Bicycles for four consecutive days, machine counts including volume, class and speed data, and radar speed surveys throughout the entire City. We have been working with Mr. Ali Shahzad from 2007 to current.

Contact: Mr. Ali Shahzad, P.E. Associate Engineer
Address: 201 N. Broadway, Escondido, CA 92025
Phone: (760) 839-4812



Quality Traffic Data

Traffic Data On Demand

4860 Cox Road, Suite 200
Glen Allen, VA 23060
Phone: 877- 852-4355
Fax: 877-877-3698
Info@QualityTrafficData.com

Project Approach:

The first step is to confirm receipt of any task order that we receive. Immediately following that confirmation, we assign the task order to our mapping team to map every location in the task order on Google Maps. Following this, we send our technician to the field to verify the accuracy of the Google Map locations as well as their viability for counting. If there is anything which precludes the viability and accuracy of the count such as construction, the County's project manager is informed immediately. If there are no issues, QTD will furnish your offices with a count schedule of the locations in the task order, and then perform data collections according to that schedule.

Once our technicians are given our notice to proceed, two technicians attend every location to ensure the safety of all staff and the completeness and accuracy of all procedures. One technician keeps a steady watch on traffic to ensure the safety of the other. The other technician affixes the ATR machine or Camera to a viable pole or sign post which has been decided ahead of time, making sure to secure the installation, pneumatic tubes, locks, figure 8s, et cetera, so that the count will occur accurately, without interruption, and without danger or intrusion to pedestrians or traffic. Once installed, the technician performs tests to ensure that the machine is recording accurately with a live data-viewing accessory. The technician records a detailed log of the count site, with the serial number of the machine, the location, the direction, and channel of each tube, et cetera. The technician also takes photographs for our review to ensure that the set up has been done in accordance with our procedures. If the count is more than 24-Hours in duration, the technicians returns to the site each day throughout the study in order to confirm that no tampering or damage has occurred to the installation. After the duration of the study has passed, the technician retrieves the machine and all other materials used for installation. They then extract the data into .CSV files, which are then sent to the project manager for review, examination, and quality assurance. If a calibration issue is found or the data does not pass our quality assurance procedures, a recount will be ordered. If the data is found to be accurate, it is then entered into our study report templates, finalized, and delivered to the County's offices by whatever means is desired.

Quality Traffic Data, LLC will submit all of the reports according to the specifics in your RFQ.



Quality Traffic Data

Traffic Data On Demand

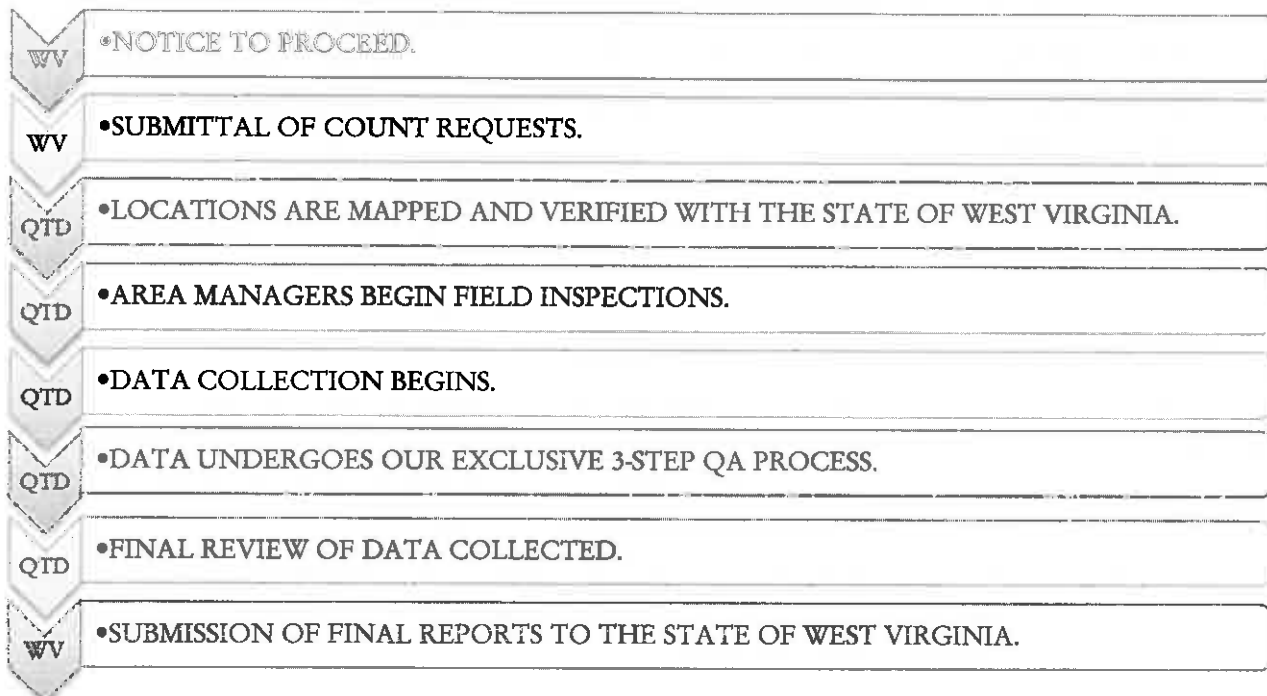
4860 Cox Road, Suite 200
Glen Allen, VA 23060
Phone: 877- 852-4355
Fax: 877-877-3698
Info@QualityTrafficData.com

Account Management and Quality Assurance Information

At QTD we work hard to expose all potential issues before the data collection actually begins. Once all guidelines have been set and a clear understanding of the State's needs has been assessed, QTD will begin the second stage of the project preparation by mapping and visually inspecting all locations that require counts and surveys. This field survey will help us prepare for special concerns such as extremely high volume count locations, construction, etc. If any issue is discovered in this phase, it will be brought to the attention of the State's project manager for a suggested workaround. Data collection will only begin when all concerns or potential concerns have been completely addressed and authorization from the State is given to start data collections.

Based on the research collected during these field surveys, QTD will coordinate a plan for the best efficiency, accuracy, and time management. Locations or intersections noted as having high volume counts will be considered when planning how many field crew members to send to conduct the surveys and counts.

Once all details have been coordinated and approved by both West Virginia and QTD, and all research has been conducted, QTD will send its Field Crew members to the locations specified by the State.





Quality Traffic Data

Traffic Data On Demand

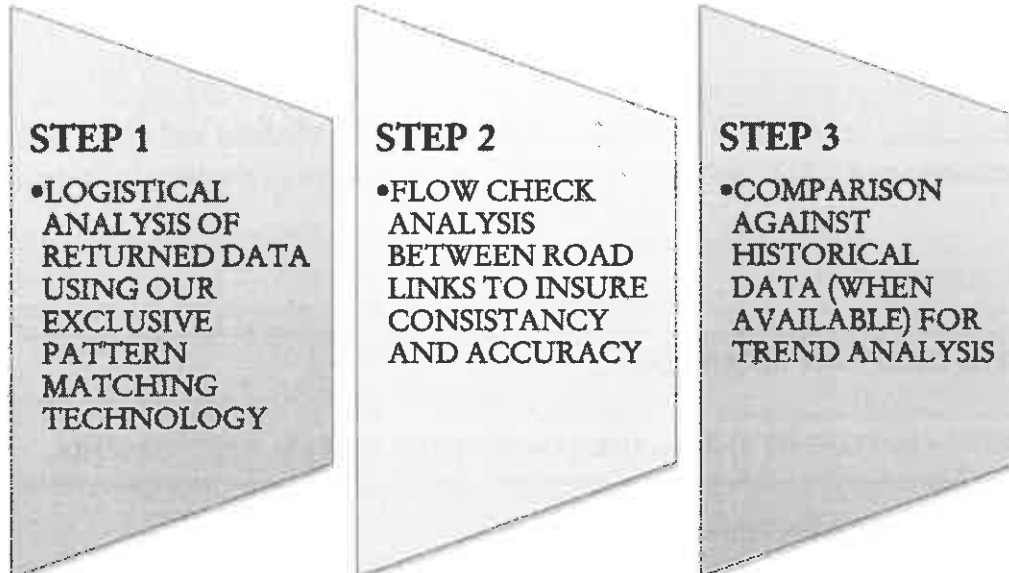
4860 Cox Road, Suite 200
Glen Allen, VA 23060
Phone: 877- 852-4355
Fax: 877-877-3698
Info@QualityTrafficData.com

Quality Assurance

QTD is well known for its exhaustive 3-Step QA process to insure the accuracy and dependability of data provided. Upon completion of the requested counts, the following events occur:

1. Data is downloaded by field crew and submitted to our office.
2. QTD begins immediate processing of the data by performing our exclusive 3-step QA process.
3. If a recount is necessary, both the State and the field manager are notified immediately.
4. The counts are then delivered to the State as specified in the CRFQ.

The 3-Step QA Process:



1. Field data undergoes a systematic check using our proprietary software to evaluate problematic entries and patterns (e.g. missing or inconsistent data.)
2. Each data report is then inspected manually against other nearby locations for comparison. The data is also compared with the size and layout of the count location.
3. As a final step, QTD will compare the collected data against historical data (if available in our system – or if provided by the client) for validation of change factor.

CLIENT REFERENCE SURVEY

If additional space is needed for your responses, please attach additional sheets as necessary.

1. How would you describe the quality of the Contractor's work performed?

Comments:

EXCELLENT QUALITY - WELL PRESENTED REPORTS
PER INDUSTRY STANDARD.

2. Was the work completed in a satisfactory manner (timely, within budget, Contractor receptive to changes/direction)?

Comments:

YES WAS PER QUOTED PRICE. CONTRACTOR
WAS RECEPTIVE AS NEEDED.

3. If you had to identify a weakness or shortfall in the Contractor, what would it be?

Comments:

SOMETIMES WE NEEDED REPORTS IN A HURRY DUE
TO LATE ITEM BEING ADDED FOR COMMISSION -
BUT CONTRACTOR WAS ABLE TO DELIVER AFTER
DISCUSSION.

4. Have you worked with other Contractors on similar projects? If so, who were they? How did their work compare to this Contractor?


Comments: OTHER CONTRACTORS:
- TRAFFIC DATA SERVICE SOUTHWEST.
- NDS
- Work compared equally well. Some were slow on delivery timelines. Pricing was a factor as well.

5. Would you hire this Contractor again?

Comments: Yes.

6. Would you like to offer any other comments?

Comments: This been a pleasure working with Quality Traffic Data

| | | | |
|----------------------------------|---|--------|-------------------------|
| Name of Preparer (please print): | Ali SHAHZAD, PE (ASSOCIATE ENGR) | | |
| Company: | CITY OF ESCONDIDO | Title: | ASSOCIATE TRAFFIC ENGR. |
| Signature: |  | Date: | 12-16-15 |

CLIENT REFERENCE SURVEY

If additional space is needed for your responses, please attach additional sheets as necessary.

1. How would you describe the quality of the Contractor's work performed?

Comments:

The quality of work we received from this contractor is excellent.

2. Was the work completed in a satisfactory manner (timely, within budget, Contractor receptive to changes/direction)?

Comments:

All the work was completed in a satisfactory manner, on time and within budget.

3. If you had to identify a weakness or shortfall in the Contractor, what would it be?

Comments:

We have not found any weakness at this time.

4. Have you worked with other Contractors on similar projects? If so, who were they? How did their work compare to this Contractor?

Comments:

We have worked with some other contractors and we have received the best quality of work from this contractor.

5. Would you hire this Contractor again?


Comments:

Yes, we would.

6. Would you like to offer any other comments?

Comments:

The contact person is very friendly and responsible. They respond quickly to take care of problems and provide the best customer service.

| | | | |
|----------------------------------|---|--------|----------------------------|
| Name of Preparer (please print): | Ross Airom | | |
| Company: | City of Tallahassee | Title: | Traffic Studies Supervisor |
| Signature: |  | Date: | 12-16-2015 |

CLIENT REFERENCE SURVEY

If additional space is needed for your responses, please attach additional sheets as necessary.

1. How would you describe the quality of the Contractor's work performed?

Comments:

Highly Dependable, Accurate/Quality Conscious,
Excellent Customer Service & Problem Solving if
necessary.

2. Was the work completed in a satisfactory manner (timely, within budget, Contractor receptive to changes/direction)?

Comments:

and
Timely/in accordance with the contractual
obligations. Also willing to expedite at no
additional cost, when needed.

3. If you had to identify a weakness or shortfall in the Contractor, what would it be?

Comments:

None at this time.

4. Have you worked with other Contractors on similar projects? If so, who were they? How did their work compare to this Contractor?

Comments:

Yes. Other contractors ~~were~~ ^{was} Southern Traffic Data, a local company that provided services under contract for several years. The output received from Quality Traffic Data is more professional.

5. Would you hire this Contractor again?

Comments:

Yes, this contractor's contract has already been renewed for 3 years.

6. Would you like to offer any other comments?

Comments:

Dependable Courteous and ~~willing~~ easy to work with.

Name of Preparer (please print):

ASH A. KHAN

Company:

WINNETT COUNTY

Title:

TRAFFIC SAFETY ENGR.

DEPT. OF TRANSPORTATION

Signature:

Ash Khan

Date:

12/16/15



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Request for Quotation
 19 – Highways**

Proc Folder: 163335

Doc Description: Addendum No.6 - Traffic Monitoring

Proc Type: Central Master Agreement

| Date Issued | Solicitation Closes | Solicitation No | Version |
|-------------|------------------------|-------------------------|---------|
| 2016-02-12 | 2016-02-24 13:30:00 | CRFQ 0803 DOT1600000055 | 9 |

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Name, Address and Telephone Number:

Quality Traffic Data, LLC
 4860 Cox Road, Suite 200
 Glen Allen, VA 23060
 877-852-4355

FOR INFORMATION CONTACT THE BUYER

Sheila L Hannah
 (304) 558-4317
 sheila.l.hannah@wv.gov

Signature X

FEIN # 26-2370905

DATE 2/19/2016

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:

Addendum No. 6. To extend bid opening from 02/17/2016 to 02/24/2016 at 1:30 pm. To provide responses to vendor questions inadvertently omitted from the previous addenda

| INVOICE TO | | SHIP TO | |
|---|--|--|--|
| DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV25305 US | | DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV 25305 US | |

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Total Price |
|------|--------------------------------|------------|------------|------------|--------------|
| 1 | TYPE A MECHANICAL VOLUME COUNT | 2600.00000 | EA | \$49.50 | \$128,700.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|---|---------------|---------|
| 81100000 | Diamond Traffic, PEEK Traffic, Wavetronix | N/A | N/A |

Extended Description :

TYPE A (1 TUBE) MECHANICAL VOLUME COUNT

| INVOICE TO | | SHIP TO | |
|---|--|--|--|
| DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV25305 US | | DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV 25305 US | |

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Total Price |
|------|--------------------------------|-----------|------------|------------|-------------|
| 2 | TYPE B MECHANICAL VOLUME COUNT | 250.00000 | EA | \$58.00 | \$14,500.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|---|---------------|---------|
| 81100000 | Diamond Traffic, PEEK Traffic, Wavetronix | N/A | N/A |

Extended Description :

TYPE B (2 TUBE) MECHANICAL VOLUME COUNT

| INVOICE TO | | SHIP TO | |
|---|--|--|--|
| DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV25305 US | | DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV 25305 US | |

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Total Price |
|------|--|---------|------------|------------|-------------|
| 3 | TYPE C(RADAR OR SIMILAR NON-INTRUSIVE COUNTS) | 5.00000 | EA | \$600.00 | \$3,000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|-------------------------------------|---------------|-----------|
| 81100000 | WaveTronix, Houston Radar Armadillo | N/A | Armadillo |

Extended Description :
TYPE C (RADAR OR SIMILAR NON-INTRUSIVE COUNTS)

| INVOICE TO | | SHIP TO | |
|---|--|--|--|
| DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV25305 US | | DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV 25305 US | |

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Total Price |
|------|-------------------------------------|-----------|------------|------------|--------------|
| 4 | MECHANICAL CLASSIFICATION COUNTS | 700.00000 | EA | \$180.00 | \$126,000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|---|---------------|---------|
| 81100000 | Diamond Traffic, PEEK Traffic, Wavetronix | N/A | N/A |

Extended Description :
MECHANICAL CLASSIFICATION COUNTS

| INVOICE TO | | SHIP TO | |
|---|--|--|--|
| DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV25305 US | | DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV 25305 US | |

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Total Price |
|------|-------------------------|----------|------------|------------|-------------|
| 5 | MECHANICAL SPEED COUNTS | 20.00000 | EA | \$180.00 | \$3,600.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|---|---------------|---------|
| 81100000 | Diamond Traffic, PEEK Traffic, Wavetronix | N/A | N/A |

Extended Description :
MECHANICAL SPEED COUNTS

| INVOICE TO | | SHIP TO | |
|---|--|--|--|
| DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV25305 US | | DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV 25305 US | |

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Total Price |
|------|------------------------|-----------|------------|------------|-------------|
| 6 | TURNING MOVEMENT COUNT | 200.00000 | EA | \$195.00 | \$39,000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|-------------------------|---------------|---------|
| 81100000 | CountCam, VehicleCounts | N/A | N/A |

Extended Description :
TURNING MOVEMENT COUNT

| INVOICE TO | | SHIP TO | |
|---|--|--|--|
| DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV25305 US | | DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV 25305 US | |

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Total Price |
|------|--|-----------|------------|------------|-------------|
| 7 | TURNING MOVEMENT COUNT PLUS INTERSECTION | 100.00000 | EA | \$240.00 | \$24,000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|--|---------------|---------|
| 81100000 | CountCam TMC Video Device, TMC Video Counting Software VehicleCounts WinTally-14 Board, Panasonic Handheld Camera | N/A | N/A |

Extended Description :
TURNING MOVEMENT COUNT PLUS INTERSECTION DIGITAL PHOTOGRAPHS

| INVOICE TO | | SHIP TO | |
|---|--|--|--|
| DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV25305 US | | DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV 25305 US | |

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Total Price |
|------|---|-----------|------------|------------|-------------|
| 8 | ELECTRONIC LICENSE PLATE RECOGNITION DATA | 120.00000 | EA | \$100.00 | \$12,000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|-------------------|---------------|---------|
| 81100000 | ELSAG ALPR Camera | N/A | N/A |

Extended Description :

ELECTRONIC LICENSE PLATE RECOGNITION DATA PER CAMERA PER HOUR

| INVOICE TO | SHIP TO |
|---|--|
| DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV25305 US | DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV 25305 US |

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Total Price |
|------|------------------------|----------|------------|------------|-------------|
| 9 | VIDEO ANALYTICAL TOOLS | 10.00000 | EA | \$250.00 | \$2,500.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|---|---------------|---------|
| 81100000 | CountCam Video Device, Video Counting Software ELSAG ALPR Camera | N/A | N/A |

Extended Description :

A SPECIFIED COST FOR VIDEO ANALYTICAL TOOLS FOR INTERSECTIONS

| INVOICE TO | SHIP TO |
|---|--|
| DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV25305 US | DIVISION OF HIGHWAYS PLANNING DIVISION 1900 KANAWHA BLVD E, BLDG 5 RM A-450 CHARLESTON WV 25305 US |

| Line | Comm Ln Desc | Qty | Unit Issue | Unit Price | Total Price |
|------|--------------------|-----------|------------|------------|-------------|
| 10 | DIRECTIONAL COUNTS | 100.00000 | EA | \$200.00 | \$20,000.00 |

| Comm Code | Manufacturer | Specification | Model # |
|-----------|---|---------------|---------|
| 81100000 | Diamond Traffic, PEEK Traffic, Wavetronix | N/A | N/A |

Extended Description :

A SPECIFIED COST FOR DIRECTIONAL COUNTS

SCHEDULE OF EVENTS

| Line | Event | Event Date |
|------|--------------------------------------|------------|
| 1 | Mandatory Pre-Bid Meeting at 10:00am | 2016-01-06 |
| 2 | Technical questions | 2016-01-12 |

| | | | |
|---------------|--------------------------------|---|------------------------------|
| DOT1600000055 | Document Phase Final | Document Description Addendum No.6 - Traffic Monitoring | Page 6 of 6 |
|---------------|--------------------------------|---|------------------------------|

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

include any “trade secrets” as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of a Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

Term Contract

Initial Contract Term: This Contract becomes effective on
upon award _____ and extends for a period of one (1) year(s).

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Renewal of this Contract is limited to Three (3) successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed 36 months in total. Automatic renewal of this Contract is prohibited. Notwithstanding the foregoing, Purchasing Division approval is not required on agency delegated or exempt purchases. Attorney General approval may be required for vendor terms and conditions.

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

Fixed Period Contract with Renewals: This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days.

Upon completion, the vendor agrees that maintenance, monitoring, or warranty services will be provided for one year thereafter with an additional _____ successive one year renewal periods or multiple renewal periods of less than one year provided that the multiple renewal periods do not exceed _____ months in total. Automatic renewal of this Contract is prohibited.

One Time Purchase: The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

Other: See attached.

4. NOTICE TO PROCEED: Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Award Document will be considered notice to proceed.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

Open End Contract: Quantities listed in this Solicitation are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith.

Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

One Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

6. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification.

7. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute of breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.

8. REQUIRED DOCUMENTS: All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

BID BOND: All Vendors shall furnish a bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

PERFORMANCE BOND: The apparent successful Vendor shall provide a performance bond in the amount of _____. The performance bond must be received by the Purchasing Division prior to Contract award. On construction contracts, the performance bond must be 100% of the Contract value.

LABOR/MATERIAL PAYMENT BOND: The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award. In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable.

MAINTENANCE BOND: The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.

INSURANCE: The apparent successful Vendor shall furnish proof of the following insurance prior to Contract award and shall list the state as a certificate holder:

Commercial General Liability Insurance: In the amount of \$1,000,000 or more.

Builders Risk Insurance: In an amount equal to 100% of the amount of the Contract.

The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed above.

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section entitled Licensing, of the General Terms and Conditions, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits prior to Contract award, in a form acceptable to the Purchasing Division.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications prior to Contract award regardless of whether or not that requirement is listed above.

9. WORKERS' COMPENSATION INSURANCE: The apparent successful Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. LITIGATION BOND: The Director reserves the right to require any Vendor that files a protest of an award to submit a litigation bond in the amount equal to one percent of the lowest bid submitted or \$5,000, whichever is greater. The entire amount of the bond shall be forfeited if the hearing officer determines that the protest was filed for frivolous or improper purpose, including but not limited to, the purpose of harassing, causing unnecessary delay, or needless expense for the Agency. All litigation bonds shall be made payable to the Purchasing Division. In lieu of a bond, the protester may submit a cashier's check or certified check payable to the Purchasing Division. Cashier's or certified checks will be deposited with and held by the State Treasurer's office. If it is determined that the protest has not been filed for frivolous or improper purpose, the bond or deposit shall be returned in its entirety.

11. LIQUIDATED DAMAGES: Vendor shall pay liquidated damages in the amount of

_____ for _____.
This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy.

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available.

14. PAYMENT: Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices, in arrears.

15. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

16. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules §§ 148-1-6.1.e.

17. TIME: Time is of the essence with regard to all matters of time and performance in this Contract.

18. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code or West Virginia Code of State Rules is void and of no effect.

19. COMPLIANCE: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

20. PREVAILING WAGE: Vendor shall be responsible for ensuring compliance with prevailing wage requirements and determining when prevailing wage requirements are applicable.

21. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

22. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

23. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

24. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

25. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments. Notwithstanding the foregoing, Purchasing Division approval may or may not be required on certain agency delegated or exempt purchases.

26. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

27. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

28. BANKRUPTCY: In the event the Vendor files for bankruptcy protection, the State of West Virginia may deem this Contract null and void, and terminate this Contract without notice.

29. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/default.html>.

30. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

31. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

32. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

33. VENDOR CERTIFICATIONS: By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein.

Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

34. PURCHASING CARD ACCEPTANCE: The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract unless the box below is checked.

Vendor is not required to accept the State of West Virginia's Purchasing Card as payment for all goods and services.

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. PURCHASING AFFIDAVIT: In accordance with West Virginia Code § 5A-3-10a, all Vendors are required to sign, notarize, and submit the Purchasing Affidavit stating that neither the Vendor nor a related party owe a debt to the State in excess of \$1,000. The affidavit must be submitted prior to award, but should be submitted with the Vendor's bid. A copy of the Purchasing Affidavit is included herewith.

38. ADDITIONAL AGENCY AND LOCAL GOVERNMENT USE: This Contract may be utilized by other agencies, spending units, and political subdivisions of the State of West Virginia; county, municipal, and other local government bodies; and school districts ("Other Government Entities"). Any extension of this Contract to the aforementioned Other Government Entities must be on the same prices, terms, and conditions as those offered and agreed to in this Contract, provided that such extension is in compliance with the applicable laws, rules, and ordinances of the Other Government Entity. If the Vendor does not wish to extend the prices, terms, and conditions of its bid and subsequent contract to the Other Government Entities, the Vendor must clearly indicate such refusal in its bid. A refusal to extend this Contract to the Other Government Entities shall not impact or influence the award of this Contract in any manner.

39. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

40. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.requisitions@wv.gov.

41. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision. The State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check.

Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

42. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

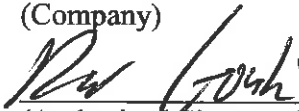
- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
- c. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
- d. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Quality Traffic Data, LLC

(Company)



Danny Gouhari, VP

(Authorized Signature) (Representative Name, Title)

Phone: 877-852-4355 Fax: 877-877-3698 Date: 2/19/2016

(Phone Number) (Fax Number) (Date)

State of West Virginia
VENDOR PREFERENCE CERTIFICATE

Certification and application is hereby made for Preference in accordance with **West Virginia Code, §5A-3-37**. (Does not apply to construction contracts). **West Virginia Code, §5A-3-37**, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or,**
 Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or 80%** of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or,**
 Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or,**
2. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or,**
3. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or,**
4. **Application is made for 5% vendor preference for the reason checked:**
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or,**
5. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or,**
6. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7. **Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules.**
 Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Quality Traffic Data, LLC

Signed: 

Date: 2/19/2016

Title: VP

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Quality Traffic Data, LLC

Authorized Signature: [Signature] Date: 2/8/2016

State of California

County of Los Angeles, to-wit:

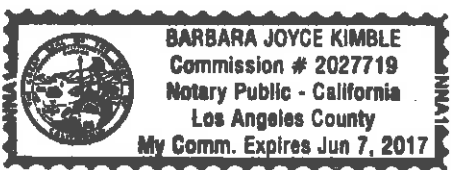
Taken, subscribed, and sworn to before me this 8 day of February, 2016

My Commission expires 6/7/2017, 20 .

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature]
Purchasing Affidavit (Revised 08/01/2015)



An notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

West Virginia Secretary of State — Online Data Services

Business and Licensing

Online Data Services Help

Business Organization Detail

NOTICE: The West Virginia Secretary of State's Office makes every reasonable effort to ensure the accuracy of information. However, we make no representation or warranty as to the correctness or completeness of the information. If information is missing from this page, it is not in the The West Virginia Secretary of State's database.

QUALITY TRAFFIC DATA, LLC

| Organization Information | | | | | | | | |
|---------------------------------|----------------|------------------|-------------|---------|--------|----------|------------------|--------------------|
| Org Type | Effective Date | Established Date | Filing Date | Charter | Class | Sec Type | Termination Date | Termination Reason |
| LLC Limited Liability Company | 12/30/2015 | | 12/30/2015 | Foreign | Profit | | | |

| Organization Information | | | |
|---------------------------|-----------------------|-----------------------|-----|
| Business Purpose | Capital Stock | | |
| Charter County | Control Number | | 0 |
| Charter State | CA | Excess Acres | |
| At Will Term | A | Member Managed | MBR |
| At Will Term Years | Par Value | | |
| Authorized Shares | | | |
| | | | |

| Addresses | |
|----------------------------------|--|
| Type | Address |
| Designated Office Address | 555 POCA RIVER ROAD N POCA, WV, 25159 |
| Mailing Address | 9701 W PICO BLVD NO. 205 LOS ANGELES, CA, 90035 USA |
| Notice of Process Address | INCORP SERVICE, INC. 555 POCA RIVER ROAD N POCA, WV, 25159 |
| Principal Office Address | 9701 W PICO BLVD NO. 205 LOS ANGELES, CA, 90035 USA |
| Type | Address |

| Officers | |
|-----------------|--|
| Type | Name/Address |
| Member | DANNY GOUHARI 9701 W PICO BLVD NO. 205 LOS ANGELES, CA, 90035 |
| Type | Name/Address |

For more information, please contact the Secretary of State's Office at 304-558-8000.

Friday, February 19, 2016 — 6:13 PM

© 2016 State of West Virginia

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DOT160000055

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input checked="" type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input checked="" type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input checked="" type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input checked="" type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Quality Traffic Data, LLC

Company



Authorized Signature

2/19/2016

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DOT1600000055

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Quality Traffic Data, LLC

Company

Authorized Signature

2/19/2016

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

PRE-BID CONFERENCE
SIGN IN SHEET

Request for Quotation Number:

CRQF 0803 DOT'16*55

Date:

01/06/2016 10:00am

Project Description:

TRAFFIC MONITORING DATA COLLECTION

PLEASE PRINT LEGIBLY. THIS INFORMATION IS ESSENTIAL TO CONTACT THE ATTENDEES IN A TIMELY MANNER. FAILURE TO DO SO MAY RESULT IN DELAYS IN YOUR COMPANY GETTING IMPORTANT BID INFORMATION.

| | |
|---------------------------|---|
| Firm Name: | The Traffic Group Inc. |
| Firm Address: | 9900 Franklin Sq. Dr. Suite H Baltimore, MD 21236 |
| Representative Attending: | Chris Hinkey |
| Phone Number: | (800) 583-8411 |
| Fax Number: | |
| Email Address: | chinkey@trafficgroup.com |

| | |
|---------------------------|--|
| Firm Name: | Quality Traffic Data, LLC |
| Firm Address: | 4860 Cox Rd, Suite 200 Glen Allen, VA 23060 |
| Representative Attending: | Cassey Conterberry |
| Phone Number: | 877-852-4355 |
| Fax Number: | 877-877-3698 |
| Email Address: | Info@qualitytrafficdata.com |

| | |
|---------------------------|--|
| Firm Name: | Quality Traffic Data, LLC |
| Firm Address: | 4860 Cox Rd, Suite 200 Glen Allen, VA 23060 |
| Representative Attending: | Wilbert Spaulo |
| Phone Number: | 877 852 4355 |
| Fax Number: | 877 877 3698 |
| Email Address: | Info@qualitytrafficdata.com |

| | |
|---------------------------|--|
| Firm Name: | Quality Traffic Data, LLC |
| Firm Address: | 4860 Cox Road, Suite 200 Glen Allen, VA 23060 |
| Representative Attending: | James McClellan |
| Phone Number: | 877-852-4355 |
| Fax Number: | 877-877-3698 |
| Email Address: | Info@qualitytrafficdata.com |

| | |
|---------------------------|--|
| Firm Name: | Quality Traffic Data, LLC |
| Firm Address: | 4860 Cox Rd, Suite 200 Glen Allen, VA 23060 |
| Representative Attending: | |
| Phone Number: | |
| Fax Number: | |
| Email Address: | |

| | |
|---------------------------|--|
| Firm Name: | Quality Traffic Data, LLC |
| Firm Address: | 4860 Cox Road, Suite 200 Glen Allen, VA 23060 |
| Representative Attending: | Michael Goff |
| Phone Number: | 877 852 4355 |
| Fax Number: | 877 877 3698 |
| Email Address: | Info@qualitytrafficdata.com |

PRE-BID CONFERENCE
SIGN IN SHEET

Request for Quotation Number:

CRQF 0803 DOT16*55

Date:

01/06/2016 10:00am

Project Description:

TRAFFIC MONITORING DATA COLLECTION

PLEASE PRINT LEGIBLY. THIS INFORMATION IS ESSENTIAL TO CONTACT THE ATTENDEES IN A TIMELY MANNER. FAILURE TO DO SO MAY RESULT IN DELAYS IN YOUR COMPANY GETTING IMPORTANT BID INFORMATION.

| | |
|---------------------------|---------------|
| Firm Name: | <u>The Tr</u> |
| Firm Address: | |
| Representative Attending: | |
| Phone Number: | |
| Fax Number: | |
| Email Address: | |

| | |
|---------------------------|----------------------------|
| Firm Name: | <u>WVDOH</u> |
| Firm Address: | |
| Representative Attending: | <u>Perry Keller</u> |
| Phone Number: | <u>304-558-9591</u> |
| Fax Number: | |
| Email Address: | <u>Perry.Keller@wv.gov</u> |

| | |
|---------------------------|---|
| Firm Name: | <u>WV DOT</u> |
| Firm Address: | <u>1900 Kanawha Blvd E</u> <u>Charleston, WV 25305</u> |
| Representative Attending: | <u>Karen Skeen</u> |
| Phone Number: | <u>304-558-9519</u> |
| Fax Number: | <u>304-558-3783</u> |
| Email Address: | <u>Karen.L.Skeen@wv.gov</u> |

| | |
|---------------------------|--|
| Firm Name: | <u>WVDOH</u> |
| Firm Address: | <u>1900 Kanawha Blvd E</u> <u>Charleston WV 25305</u> |
| Representative Attending: | <u>Alanna J. Slack</u> |
| Phone Number: | <u>304-558-9245</u> |
| Fax Number: | <u>304-558-3783</u> |
| Email Address: | <u>Alanna.J.Slack@wv.gov</u> |

| | |
|---------------------------|--|
| Firm Name: | <u>WVDOH</u> |
| Firm Address: | <u>1900 Kanawha Blvd E</u> <u>Charleston WV 25305</u> |
| Representative Attending: | <u>John Elsayed</u> |
| Phone Number: | <u>304-558-9826</u> |
| Fax Number: | |
| Email Address: | <u>john.m.elsayed@wv.gov</u> |

| | |
|---------------------------|--|
| Firm Name: | <u>WV DOH</u> |
| Firm Address: | <u>1900 Kanawha Blvd E</u> <u>Charleston WV 25305</u> |
| Representative Attending: | <u>Michele Higginbotham</u> |
| Phone Number: | <u>304-558-7465</u> |
| Fax Number: | <u>304-558-3783</u> |
| Email Address: | <u>michele.d.higginbotham@wv.gov</u> |

**PRE-BID CONFERENCE
SIGN IN SHEET**

Request for Quotation Number:

CRQF 0803 DOT16*55

Date:

01/06/2016 10:00am

Project Description:

TRAFFIC MONITORING DATA COLLECTION

PLEASE PRINT LEGIBLY. THIS INFORMATION IS ESSENTIAL TO CONTACT THE ATTENDEES IN A TIMELY MANNER. FAILURE TO DO SO MAY RESULT IN DELAYS IN YOUR COMPANY GETTING IMPORTANT BID INFORMATION.

| | |
|---------------------------|--|
| Firm Name: | <u>A. Merton Thomas & Assoc.</u> |
| Firm Address: | <u>300 Summers Grant Suite 1250 Charleston, WV 25301</u> |
| Representative Attending: | <u>Tim Kirk</u> |
| Phone Number: | <u>304-489-6031</u> |
| Fax Number: | <u>304-489-4953</u> |
| Email Address: | <u>TKirk@amtengineering.com</u> |

| | |
|---------------------------|--|
| Firm Name: | <u>WV DOT</u> |
| Firm Address: | <u>Bldg 5 Room 400 1900 Kanawha Blvd E Charleston WV 25305</u> |
| Representative Attending: | <u>Marty Gibson</u> |
| Phone Number: | <u>304-558-9372</u> |
| Fax Number: | <u>304-558-3873</u> |
| Email Address: | <u>Marty.A.Gibson@wv.gov</u> |

| | |
|---------------------------|---|
| Firm Name: | <u>Mountain Engineering & Trans. Solutions</u> |
| Firm Address: | <u>18 Tasty Blvd Way PO Box 6 Fraziers Bottom, WV 26032</u> |
| Representative Attending: | <u>Tavis Miller</u> |
| Phone Number: | <u>304.399.7767</u> |
| Fax Number: | <u>None</u> |
| Email Address: | <u>T.Miller@mountaineng.com</u> |

| | |
|---------------------------|---|
| Firm Name: | <u>WV DOT</u> |
| Firm Address: | <u>Bldg 5 RM 220 1900 Kanawha Blvd E Charleston, WV 25305</u> |
| Representative Attending: | <u>Dusty Smith</u> |
| Phone Number: | <u>304.558.9392</u> |
| Fax Number: | |
| Email Address: | <u>dusty.j.smith@wv.gov</u> |

| | |
|---------------------------|---|
| Firm Name: | <u>West Virginia Department of Transportation</u> |
| Firm Address: | <u>1900 Kanawha Blvd E, Bldg 5 Charleston, WV 25305</u> |
| Representative Attending: | <u>Richard Johnson</u> |
| Phone Number: | <u>(304) 558-9587</u> |
| Fax Number: | |
| Email Address: | <u>Richard.W.Johnson@wv.gov</u> |

| | |
|---------------------------|--|
| Firm Name: | <u>WV DOT / DOTC</u> |
| Firm Address: | <u>Bldg 5 Rm 400 1900 Kanawha Blvd E Charleston WV 25305</u> |
| Representative Attending: | <u>Richard L. Warner</u> |
| Phone Number: | <u>304-558-9629</u> |
| Fax Number: | <u>304-558-3782</u> |
| Email Address: | <u>Richard.L.Warner@wv.gov</u> |

SOLICITATION NUMBER: CRFQ – DOT1600000055
Addendum Number: 2

The purpose of this addendum is to modify the solicitation identified as CRFQ DOT1600000055 (“Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

1. Attach Addendum Acknowledgement Form

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DOT1600000055

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Quality Traffic Data, LLC

Company



Authorized Signature

2/19/2016

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

SOLICITATION NUMBER: CRFQ – DOT1600000055
Addendum Number: 3

The purpose of this addendum is to modify the solicitation identified as CRFQ DOT1600000055("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

1. To extend bid opening from January 21, 2016 to February 10, 2016

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DOT160000055

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.


Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input checked="" type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Quality Traffic Data, LLC
Company


Authorized Signature

2/19/2016
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

SOLICITATION NUMBER: CRFQ – DOT1600000055
Addendum Number: 4

The purpose of this addendum is to modify the solicitation identified as CRFQ DOT1600000055 (“Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

1. Responses to vendor questions attached.
2. Bid openings remain February 10, 2016 at 1:30 pm.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

RESPONSE TO QUESTIONS FOR 8616C007-CRFQ 0803 DOT
1600000055

1. QUESTION: Will turning movements under bid item 5.6.6 be completed under the new contract in the same manner as in the past, requiring axle based classification broken into 16 separate classifications?

ANSWER: *Yes.*

2. QUESTION: Can the department provide examples of the current templates used and/or the new template for entering turning movement classification data under bid item 5.6.6?

ANSWER: *An example of the turning movement count template as well as the corresponding ATR is provided as ATTACHMENT A.*

3. QUESTION: Under past contracts the department has required Interstates Counts to be done twice in a contract year. In the spring, directional volume counts on every mainline and volume counts on every ramp. Then again in the fall, directional, by lane, classification counts on every mainline segment. Is this the department's expectation under the new contract? Are these interstate counts included in the estimated quantity bid items 5.6.2 and 5.6.4?

ANSWER: *The department's expectations under the new contract are:*

- *Spring – directional classification counts, by lane, on every mainline segment and classification counts on every ramp*
- *Fall – directional classification counts, by lane, on every mainline segment*

Yes. The interstate counts are included in the estimated quality bid items 5.6.2 and 5.6.4.

4. QUESTION: Interstate counts. Can non-intrusive equipment be used?

ANSWER: *Yes.*

5. QUESTION: Should we assume by lane counts for all tube counts?

ANSWER: *Yes. All tube counts should be counted by direction.*

6. QUESTION: Directional Counts. Assume single lane (i.e. off ramps)?

ANSWER: *Yes. Directional counts on Interstate ramps assume a single lane.*

7. QUESTION: During mandatory pre-bid meeting, participants were advised that an electronic version of the spreadsheet containing all bid items was attached to the project site on wvOASIS. In reviewing the documents on wvOASIS, we are unable to locate this document. It was my understanding at the meeting that electronic submission using this template was preferred. Can you please advise if this document is located on wvOASIS and, if not, can you provide a clean pdf or excel version?

ANSWER: *There is not an excel pricing page on wvOasis , however you can put the information in electronically.*

8. QUESTION: Please provide us the specific duration for each count type below:
- Type A Mechanical Volume Count
 - Type B Mechanical Volume Count
 - Type C (Radar or similar non-intrusive counts)
 - Mechanical Speed Counts
 - Turning Movement Counts
 - Turning Movement Count Plus Intersection Digital Photographs
 - Electronic License Plate Recognition Data Per Camera Per Hour
 - Video Analytical Tools
 - Directional Counts

ANSWER: *Refer to Addendum #4 for 8616C'007. Specifications, 3.2.1 shall now read:*

Duration of data collection activities shall be 48 consecutive hours between Monday AM and Friday PM hours (except as dictated by special counts) for all types of mechanical volume counts and mechanical vehicle classification counts. Turning movement counts shall be in 3 three-hour segments as specified by the Agency and shall be provided in 15 minute increments. For validation purposes, mechanical vehicle classification counts shall be collected for a minimum of 24 hours on the two legs of the intersection with the highest ADT, or as specified by the Agency.

9. QUESTION: Please provide us a copy of the attendance sheet from the meeting dated 1/6/2016 at 10:00 a.m.

ANSWER: *Issued by addendum #1 dated 1/12/2016*

10. QUESTION: Please advise if aforementioned solicitation No. shall be submitted through wvOASIS or by mail to your office?

ANSWER: *See section 6 - Bid submission, in the Instruction to Vendor*

11. QUESTION: Please advise if aforementioned solicitation No. shall be marked technical or cost?

ANSWER: *Issued by addendum 1 dated 1/12/2016*

12. QUESTION: Please advise if we are to submit our proposal through wvOASIS, how to mark our proposal technical or cost?

ANSWER: *This is a CRFQ not a CRFP. The technical and cost proposals are only needed in a CRFP. This paragraph does not apply to the CRFQ.*

13. QUESTION: Our firm is considered as small local business in our home office. We have a certificate from the state in our home office (not in the state of West Virginia). Would our firm be considered as a non-resident and small with West Virginia? If yes, can we submit the Vendor Preference Certificate and check box No. 7 and submit it without proposal? What is the preference percentage for No. 7?

ANSWER: *If claiming a preference the Vendor Preference Certificate must be included with the bid. For more information please visit:*

<http://www.state.wv.us/admin/purchase/vrc/VPG/default.html> Section 5 Vendor Responsibilities.

14. QUESTION: Is payment term net 30 days?

ANSWER: *See Section 5 in the Specifications*

15. QUESTION: Is there any bid bond requirement for aforementioned solicitation.

ANSWER: *Per the General Terms and Conditions, Section 8 Required Documents: No. A bid bond is not required since it was not checked.*

1. Pricing Page, Item No. 5.6.9 - VIDEO ANALYTICAL TOOLS
 - a. Change quantity from 80.00 to 10.00
2. Pricing Page, Item No. 5.6.10 - DIRECTIONAL COUNTS
 - a. Delete (Volume and Turning Movement Counts) from Extended Description

3. SPECIFICATIONS

a. 2. DEFINITIONS:

- i. Delete 2.5 "PEEK Traffic Corporation" definition.
- ii. REPLACE 2.5 with "GEOCOUNTS® Raw Count Format" means an open standard format designed for stationary systems counting moving objects as observed in the travel monitoring industry. Additional information on the GEOCOUNTS File Format is available at:
<http://notes.geocounts.com/raw-count-format/>

b. 3. GENERAL REQUIREMENTS:

- i. 3.2.1 shall now read: Duration of data collection activities shall be 48 consecutive hours between Monday AM and Friday PM hours (except as dictated by special counts) for all types of mechanical volume counts and mechanical vehicle classification counts. Turning movement counts shall be in 3 three-hour segments as specified by the Agency and shall be provided in 15 minute increments. For validation purposes, mechanical vehicle classification counts shall be collected for a minimum of 24 hours on the two legs of the intersection with the highest ADT, or as specified by the Agency.
- ii. 3.2.2: DELETE all references to "PEEK Traffic Corporation" and REPLACE with "GEOCOUNTS® Raw Count Format"
- iii. 3.3 Special Requirements:
 1. 3.3.1 shall now read: Mechanical volume counts shall not be conducted during periods that are considered Federal/ State holidays, local events (as further described in 3.3.3) or during inclement weather.
 2. 3.3.2 shall now read: Interstate Route 68, 70, 79, 81 & 470 with no more than 48 hours elapsed time (eg: weekends and holidays) between counts on adjacent segments.
 3. 3.3.2 shall now read: Each of these distinct sections shall be counted consecutively along their lengths with no more than 48 hours elapsed time (eg: weekends and holidays) between counts on adjacent segments.

c. 5. INVOICING AND PAYMENT:

- i. 5.6.9 shall now read: A specified cost for video analytical tools of intersections as defined in 3.2.11.

ATTACHMENT

A

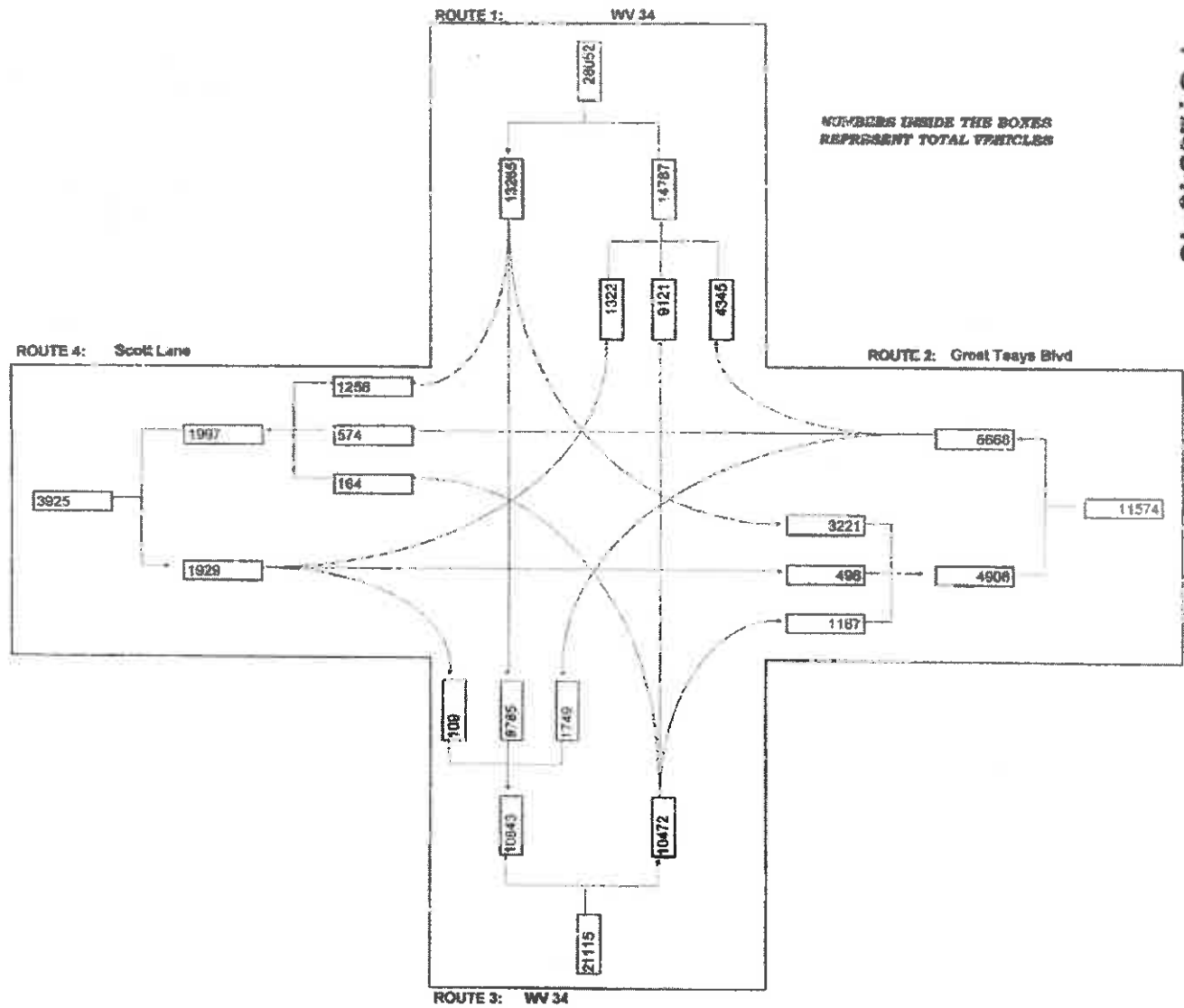
WEST VIRGINIA DEPARTMENT OF TRANSPORTATION - TRAFFIC ANALYSIS

DATE : 06/08/15
 DAY : Tuesday
 COUNTY : Putnam

TYPE: 24 HOUR COUNT
 PERIOD: 7AM - 10AM; 11AM - 1PM; 2PM - 6PM

DESCRIPTION: WV 34, Scott Lane & Great Tays Blvd

PUT20549-15



$(24 \text{ HOUR COUNT} / 9 \text{ HOUR COUNT}) * \text{MONTHLY FACTOR} * \text{DAILY FACTOR} = \text{EXPANSION FACTOR}$

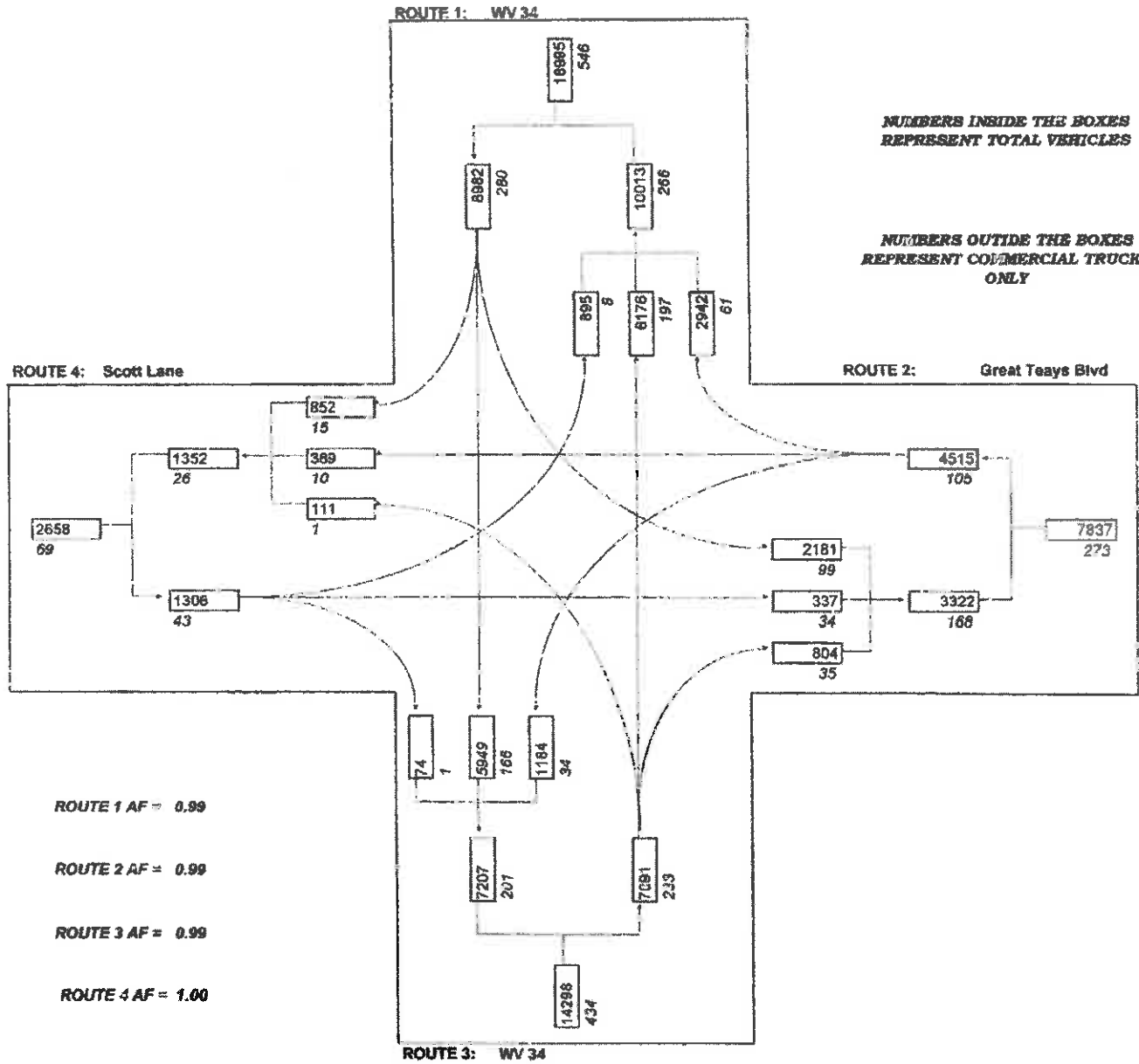
| | | | | | |
|---------------------|-------|--------------------|-------|--------------------|------|
| 24 HOUR ATR COUNT = | 23702 | 9 HOUR ATR COUNT = | 14834 | ATR FACTOR = | 1.62 |
| MONTHLY FACTOR = | 0.91 | DAILY FACTOR = | 0.97 | EXPANSION FACTOR = | 1.48 |

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION - TRAFFIC ANALYSIS

DATE: 06/09/15
 DAY: Tuesday
 COUNTY: Putnam

TYPE: MANUAL COUNT
 PERIOD: 7AM - 10AM; 11AM - 1PM; 2PM - 6P

DESCRIPTION: WV 34, Scott Lane & Great Teays Blvd



(24 HOUR COUNT / 9 HOUR COUNT) * MONTHLY FACTOR * DAILY FACTOR = EXPANSION FACTOR

| | | | | | |
|------------------|-------|----------------|-------|--------------------|------|
| 24 HOUR COUNT = | 23702 | 9 HOUR COUNT = | 14834 | ADT FACTOR = | 1.62 |
| MONTHLY FACTOR = | 0.95 | DAILY FACTOR = | 0.97 | EXPANSION FACTOR = | 1.48 |

TRAFFIC ANALYSIS - 4-WAY TURNING MOVEMENT

| | |
|------------------------|---|
| COUNTY =====> | Putnam |
| LOCATION =====> | WV 34, Scott Lane & Great Teays Blvd |
| DATE =====> | 6/9/2015 |
| DAY OF WEEK =====> | Tuesday |
| PERIOD OF COUNT ==> | 7AM - 10AM; 11AM - 1PM; 2PM - 6PM |
| ROUTE 1 (NORTH) =====> | WV 34 |
| ROUTE 2 (EAST) =====> | Great Teays Blvd |
| ROUTE 3 (SOUTH) =====> | WV 34 |
| ROUTE 4 (WEST) =====> | Scott Lane |
| 24 HR. ATR COUNT ==> | 23702 |
| 9 HR. ATR COUNT ==> | 14634 |
| MAN. ATR FACTOR ==> | |
| ATR FACTOR =====> | 1.62 |
| MONTHLY FACTOR ==> | 0.94 |
| DAILY FACTOR =====> | 0.97 |
| EXPANSION FACTOR ==> | 1.48 |
| FILE NAME =====> | PUT20549-15 |

TRAFFIC ANALYSIS - 4-WAY TURNING MOVEMENT

COUNTY: Putnam LOCATION: WV 34, Scott Lane & Great Tyeys Blvd
 FROM (RTE 1): WV 34 TO (RTE 2): Great Tyeys Blvd

| HOUR | AUTOS | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER / COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL | TOTAL | |
|--------------|-------------|--------------------|----------|----------|----------|----------|--------------------------------|----------|----------|----------|----------|----------|----------------|----------|----------|----------|-----------|-------------|
| | C/PU | 2 AX | 3 AX | 4 AX | 3-AX C | 4-AX C | 3-AX | 4-AX | 5-AX | 3-AX C | 4-AX C | 5-AX C | 6-AX C | 5-AX | 6-AX | BUSES | TKS | VEHS |
| 7-8 | 170 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 180 |
| 8-9 | 179 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 189 |
| 9-10 | 175 | 8 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 187 |
| 11-12 | 237 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 247 |
| 12-1 | 263 | 6 | 2 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 274 |
| 2-3 | 236 | 9 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 249 |
| 3-4 | 285 | 9 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 277 |
| 4-5 | 282 | 9 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 294 |
| 6-8 | 276 | 7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 284 |
| TOTAL | 2082 | 72 | 9 | 8 | 0 | 0 | 1 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 99 | 2181 |

COUNTY: Putnam LOCATION: WV 34, Scott Lane & Great Tyeys Blvd
 FROM (RTE 1): WV 34 TO (RTE 2): WV 34

| HOUR | AUTOS | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER / COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL | TOTAL | |
|--------------|-------------|--------------------|-----------|-----------|----------|----------|--------------------------------|----------|----------|----------|----------|----------|----------------|----------|----------|----------|------------|-------------|
| | C/PU | 2 AX | 3 AX | 4 AX | 3-AX C | 4-AX C | 3-AX | 4-AX | 5-AX | 3-AX C | 4-AX C | 5-AX C | 6-AX C | 5-AX | 6-AX | BUSES | TKS | VEHS |
| 7-8 | 506 | 8 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14 | 520 |
| 8-9 | 562 | 13 | 2 | 9 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 589 |
| 9-10 | 529 | 13 | 6 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 557 |
| 11-12 | 573 | 12 | 2 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 595 |
| 12-1 | 671 | 7 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 685 |
| 2-3 | 634 | 12 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 17 | 651 |
| 3-4 | 661 | 8 | 3 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 17 | 678 |
| 4-5 | 773 | 12 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 789 |
| 6-8 | 872 | 10 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 885 |
| TOTAL | 5783 | 85 | 24 | 30 | 3 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 168 | 5949 |

COUNTY: Putnam LOCATION: WV 34, Scott Lane & Great Tyeys Blvd
 FROM (RTE 1): WV 34 TO (RTE 2): Scott Lane

| HOUR | AUTOS | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER / COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL | TOTAL | |
|--------------|------------|--------------------|----------|----------|----------|----------|--------------------------------|----------|----------|----------|----------|----------|----------------|----------|----------|----------|-----------|------------|
| | C/PU | 2 AX | 3 AX | 4 AX | 3-AX C | 4-AX C | 3-AX | 4-AX | 5-AX | 3-AX C | 4-AX C | 5-AX C | 6-AX C | 5-AX | 6-AX | BUSES | TKS | VEHS |
| 7-8 | 50 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 51 |
| 8-9 | 47 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 48 |
| 9-10 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 |
| 11-12 | 74 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 76 |
| 12-1 | 92 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 93 |
| 2-3 | 101 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 102 |
| 3-4 | 98 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 102 |
| 4-5 | 138 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 140 |
| 6-8 | 199 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 202 |
| TOTAL | 637 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 652 |

TOTAL VEHICLES FROM: WV 34

| HOUR | AUTOS | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER / COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL | TOTAL | |
|--------------|-------------|--------------------|-----------|-----------|----------|----------|--------------------------------|----------|----------|----------|----------|----------|----------------|----------|----------|----------|------------|-------------|
| | C/PU | 2 AX | 3 AX | 4 AX | 3-AX C | 4-AX C | 3-AX | 4-AX | 5-AX | 3-AX C | 4-AX C | 5-AX C | 6-AX C | 5-AX | 6-AX | BUSES | TKS | VEHS |
| 7-8 | 726 | 19 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 25 | 751 |
| 8-9 | 788 | 22 | 3 | 10 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 826 |
| 9-10 | 742 | 21 | 6 | 9 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 782 |
| 11-12 | 886 | 21 | 5 | 5 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 918 |
| 12-1 | 1028 | 14 | 6 | 4 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 1052 |
| 2-3 | 971 | 22 | 4 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 31 | 1002 |
| 3-4 | 1024 | 21 | 4 | 3 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 33 | 1057 |
| 4-5 | 1193 | 23 | 1 | 0 | 0 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 1223 |
| 6-8 | 1346 | 20 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 1371 |
| TOTAL | 8702 | 182 | 33 | 38 | 3 | 9 | 1 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 260 | 8882 |

TRAFFIC ANALYSIS - 4-WAY TURNING MOVEMENT

COUNTY: Putnam LOCATION: WV 34, Scott Lane & Great Tays Blvd
 FROM (RT #): Great Tays Blvd TO (RT #): WV 34

| HOUR | AUTOS C/PU | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL TRKS | TOTAL VEHS | |
|--------------|---------------|--------------------|----------|----------|----------|----------|------------------------------|----------|----------|----------|----------|----------|----------------|----------|----------|---------------|---------------|-----------|
| | | 2 AX | 3 AX | 4 AX | 5-AX C | 6-AX C | 3-AX | 4-AX | 5-AX | 3-AX C | 4-AX C | 5-AX C | 6-AX C | 5-AX | 6-AX | | | BUSES |
| 7-8 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-9 | 84 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 9-10 | 98 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 11-12 | 139 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 12-1 | 142 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 2-3 | 148 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 3-4 | 162 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4-5 | 170 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 5-6 | 158 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| TOTAL | 1150 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |

COUNTY: Putnam LOCATION: WV 34, Scott Lane & Great Tays Blvd
 FROM (RT #): Great Tays Blvd TO (RT #): Scott Lane

| HOUR | AUTOS C/PU | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL TRKS | TOTAL VEHS | |
|--------------|---------------|--------------------|----------|----------|----------|----------|------------------------------|----------|----------|----------|----------|----------|----------------|----------|----------|---------------|---------------|-----------|
| | | 2 AX | 3 AX | 4 AX | 5-AX C | 6-AX C | 3-AX | 4-AX | 5-AX | 3-AX C | 4-AX C | 5-AX C | 6-AX C | 5-AX | 6-AX | | | BUSES |
| 7-8 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8-9 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 9-10 | 18 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 11-12 | 35 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 12-1 | 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-3 | 45 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 3-4 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4-5 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5-6 | 68 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| TOTAL | 379 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |

COUNTY: Putnam LOCATION: WV 34, Scott Lane & Great Tays Blvd
 FROM (RT #): Great Tays Blvd TO (RT #): WV 34

| HOUR | AUTOS C/PU | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL TRKS | TOTAL VEHS | |
|--------------|---------------|--------------------|----------|----------|----------|----------|------------------------------|----------|----------|----------|----------|----------|----------------|----------|----------|---------------|---------------|-----------|
| | | 2 AX | 3 AX | 4 AX | 5-AX C | 6-AX C | 3-AX | 4-AX | 5-AX | 3-AX C | 4-AX C | 5-AX C | 6-AX C | 5-AX | 6-AX | | | BUSES |
| 7-8 | 263 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 8-9 | 179 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 9-10 | 252 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 11-12 | 319 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 12-1 | 383 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 2-3 | 338 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 3-4 | 352 | 7 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 4-5 | 384 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 5-6 | 441 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| TOTAL | 2881 | 53 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 |

TOTAL VEHICLES FROM: Great Tays Blvd

| HOUR | AUTOS C/PU | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL TRKS | TOTAL VEHS | |
|--------------|---------------|--------------------|----------|----------|----------|----------|------------------------------|----------|----------|----------|----------|----------|----------------|----------|----------|---------------|---------------|------------|
| | | 2 AX | 3 AX | 4 AX | 5-AX C | 6-AX C | 3-AX | 4-AX | 5-AX | 3-AX C | 4-AX C | 5-AX C | 6-AX C | 5-AX | 6-AX | | | BUSES |
| 7-8 | 332 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8-9 | 280 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 9-10 | 368 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 11-12 | 493 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 12-1 | 552 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 2-3 | 531 | 12 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 3-4 | 563 | 12 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 4-5 | 624 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 5-6 | 667 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| TOTAL | 4410 | 96 | 0 | 1 | 0 | 0 | 0 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 |

TRAFFIC ANALYSIS - 4-WAY TURNING MOVEMENT

COUNTY: Putnam LOCATION: WV 34, Scott Lane & Great Trays Blvd
 FROM (RTE ID): WV 34 TO (RTE ID): Scott Lane

| HOUR | AUTOS | | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL TKS | TOTAL VEHs | | |
|--------------|-------|------------|--------------------|----------|----------|----------|----------|------------------------------|----------|----------|----------|----------|----------|----------------|----------|----------|-----------|------------|----------|------------|
| | C/PU | 2 AX | 3 AX | 4 AX | 3-AX-C | 4-AX-C | 3-AX | 4-AX | 5-AX | 3-AX-C | 4-AX-C | 5-AX-C | 6-AX | 6-AX | BUSES | | | | | |
| 7-8 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 8-9 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 9-10 | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 11-12 | | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 12-1 | | 29 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 2-3 | | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 3-4 | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 4-5 | | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 5-6 | | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| TOTAL | | 110 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 111 |

COUNTY: Putnam LOCATION: WV 34, Scott Lane & Great Trays Blvd
 FROM (RTE ID): WV 34 TO (RTE ID): WV 34

| HOUR | AUTOS | | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL TKS | TOTAL VEHs | | | |
|--------------|-------------|------------|--------------------|-----------|----------|----------|----------|------------------------------|----------|----------|----------|----------|----------|----------------|----------|----------|-----------|------------|-----------|------------|-------------|
| | C/PU | 2 AX | 3 AX | 4 AX | 3-AX-C | 4-AX-C | 3-AX | 4-AX | 5-AX | 3-AX-C | 4-AX-C | 5-AX-C | 6-AX | 6-AX | BUSES | | | | | | |
| 7-8 | 779 | 14 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 21 | 800 |
| 8-9 | 605 | 21 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 632 |
| 9-10 | 559 | 24 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 589 |
| 11-12 | 626 | 10 | 4 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 645 |
| 12-1 | 706 | 21 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 736 |
| 2-3 | 650 | 13 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 27 | 677 |
| 3-4 | 620 | 10 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 632 |
| 4-5 | 954 | 9 | 2 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 19 | 673 |
| 5-6 | 780 | 10 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 793 |
| TOTAL | 5879 | 132 | 20 | 21 | 5 | 3 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 197 | 6178 |

COUNTY: Putnam LOCATION: WV 34, Scott Lane & Great Trays Blvd
 FROM (RTE ID): WV 34 TO (RTE ID): Great Trays Blvd

| HOUR | AUTOS | | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL TKS | TOTAL VEHs | | | |
|--------------|------------|-----------|--------------------|----------|----------|----------|----------|------------------------------|----------|----------|----------|----------|----------|----------------|----------|----------|-----------|------------|----------|-----------|------------|
| | C/PU | 2 AX | 3 AX | 4 AX | 3-AX-C | 4-AX-C | 3-AX | 4-AX | 5-AX | 3-AX-C | 4-AX-C | 5-AX-C | 6-AX | 6-AX | BUSES | | | | | | |
| 7-8 | 43 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 45 |
| 8-9 | 62 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 67 |
| 9-10 | 102 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 109 |
| 11-12 | 94 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 97 |
| 12-1 | 105 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 107 |
| 2-3 | 98 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 103 |
| 3-4 | 76 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 79 |
| 4-5 | 92 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 95 |
| 5-6 | 97 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 102 |
| TOTAL | 768 | 31 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 803 |

TOTAL VEHICLES FROM: WV 34

| HOUR | AUTOS | | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL TKS | TOTAL VEHs | | | |
|--------------|-------------|------------|--------------------|-----------|----------|----------|----------|------------------------------|----------|----------|----------|----------|----------|----------------|----------|----------|-----------|------------|-----------|------------|-------------|
| | C/PU | 2 AX | 3 AX | 4 AX | 3-AX-C | 4-AX-C | 3-AX | 4-AX | 5-AX | 3-AX-C | 4-AX-C | 5-AX-C | 6-AX | 6-AX | BUSES | | | | | | |
| 7-8 | 827 | 16 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 23 | 850 |
| 8-9 | 668 | 26 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 701 |
| 9-10 | 670 | 31 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 707 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-12 | 736 | 13 | 4 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 758 |
| 12-1 | 840 | 23 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 32 | 872 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-3 | 760 | 16 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 32 | 792 |
| 3-4 | 706 | 13 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 721 |
| 4-5 | 760 | 11 | 2 | 4 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 22 | 782 |
| 5-6 | 890 | 15 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 908 |
| TOTAL | 8058 | 164 | 23 | 21 | 5 | 3 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 233 | 7081 |

TRAFFIC ANALYSIS - 4-WAY TURNING MOVEMENT

COUNTY: Putnam LOCATION: WV 34, Scott Lane & Great Toga Blvd
 FROM (RT# 3): Scott Lane TO (RT# 2): WV 34

| HOUR | AUTOS | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL TRKS | TOTAL VEH | | |
|-------|-------|--------------------|------|------|--------|--------|------------------------------|------|------|--------|--------|--------|----------------|------|------|------------|-----------|-------|-----|
| | C/PU | 2 AX | 3 AX | 4 AX | 3-AX C | 4-AX C | 3-AX | 4-AX | 5-AX | 3-AX C | 4-AX C | 5-AX C | 6-AX C | 5-AX | 6-AX | | | BUSES | |
| 7-8 | 167 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 168 |
| 8-9 | 107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107 |
| 9-10 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 |
| 11-12 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 |
| 12-1 | 105 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 107 |
| 2-3 | 87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87 |
| 3-4 | 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 |
| 4-5 | 104 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 107 |
| 5-6 | 111 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 113 |
| TOTAL | 387 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 396 |

COUNTY: Putnam LOCATION: WV 34, Scott Lane & Great Toga Blvd
 FROM (RT# 3): Scott Lane TO (RT# 2): Great Toga Blvd

| HOUR | AUTOS | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL TRKS | TOTAL VEH | | |
|-------|-------|--------------------|------|------|--------|--------|------------------------------|------|------|--------|--------|--------|----------------|------|------|------------|-----------|-------|-----|
| | C/PU | 2 AX | 3 AX | 4 AX | 3-AX C | 4-AX C | 3-AX | 4-AX | 5-AX | 3-AX C | 4-AX C | 5-AX C | 6-AX C | 5-AX | 6-AX | | | BUSES | |
| 7-8 | 28 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 31 |
| 8-9 | 23 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24 |
| 9-10 | 22 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 26 |
| 11-12 | 36 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 43 |
| 12-1 | 34 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 39 |
| 2-3 | 30 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 34 |
| 3-4 | 33 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 39 |
| 4-5 | 38 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 41 |
| 5-6 | 59 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 60 |
| TOTAL | 303 | 23 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 34 | 337 |

COUNTY: Putnam LOCATION: WV 34, Scott Lane & Great Toga Blvd
 FROM (RT# 4): Scott Lane TO (RT# 3): WV 34

| HOUR | AUTOS | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL TRKS | TOTAL VEH | | |
|-------|-------|--------------------|------|------|--------|--------|------------------------------|------|------|--------|--------|--------|----------------|------|------|------------|-----------|-------|----|
| | C/PU | 2 AX | 3 AX | 4 AX | 3-AX C | 4-AX C | 3-AX | 4-AX | 5-AX | 3-AX C | 4-AX C | 5-AX C | 6-AX C | 5-AX | 6-AX | | | BUSES | |
| 7-8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8-9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 9-10 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 11-12 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 12-1 | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 18 |
| 2-3 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 3-4 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 4-5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 5-6 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| TOTAL | 73 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 74 |

TOTAL VEHICLES FROM: Scott Lane

| HOUR | AUTOS | SINGLE UNIT TRUCKS | | | | | TRACTOR TRAILER COMBINATIONS | | | | | | MULTI TR-COMBO | | | TOTAL TRKS | TOTAL VEH | | |
|-------|-------|--------------------|------|------|--------|--------|------------------------------|------|------|--------|--------|--------|----------------|------|------|------------|-----------|-------|------|
| | C/PU | 2 AX | 3 AX | 4 AX | 3-AX C | 4-AX C | 3-AX | 4-AX | 5-AX | 3-AX C | 4-AX C | 5-AX C | 6-AX C | 5-AX | 6-AX | | | BUSES | |
| 7-8 | 195 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 199 |
| 8-9 | 132 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 133 |
| 9-10 | 78 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 82 |
| 11-12 | 119 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 120 |
| 12-1 | 156 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 164 |
| 2-3 | 128 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 133 |
| 3-4 | 124 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 130 |
| 4-5 | 150 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 156 |
| 5-6 | 180 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 183 |
| TOTAL | 1263 | 30 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 43 | 1306 |

COMPARATIVE ANALYSIS - 4-WAY TRACKING EQUIPMENT

| Item No. | Part No. | Description | QTY | UNIT PRICE | TOTAL PRICE | QTY | UNIT PRICE | TOTAL PRICE | QTY | UNIT PRICE | TOTAL PRICE | QTY | UNIT PRICE | TOTAL PRICE |
|----------|----------|-------------|-----|------------|-------------|-----|------------|-------------|-----|------------|-------------|-----|------------|-------------|
| 10000 | 10000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| Item No. | Part No. | Description | QTY | UNIT PRICE | TOTAL PRICE | QTY | UNIT PRICE | TOTAL PRICE | QTY | UNIT PRICE | TOTAL PRICE | QTY | UNIT PRICE | TOTAL PRICE |
|----------|----------|-------------|-----|------------|-------------|-----|------------|-------------|-----|------------|-------------|-----|------------|-------------|
| 10000 | 10000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| Item No. | Part No. | Description | QTY | UNIT PRICE | TOTAL PRICE | QTY | UNIT PRICE | TOTAL PRICE | QTY | UNIT PRICE | TOTAL PRICE | QTY | UNIT PRICE | TOTAL PRICE |
|----------|----------|-------------|-----|------------|-------------|-----|------------|-------------|-----|------------|-------------|-----|------------|-------------|
| 10000 | 10000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

TOTAL VALUES FROM: BV 14

| Item No. | Part No. | Description | QTY | UNIT PRICE | TOTAL PRICE | QTY | UNIT PRICE | TOTAL PRICE | QTY | UNIT PRICE | TOTAL PRICE | QTY | UNIT PRICE | TOTAL PRICE |
|----------|----------|-------------|-----|------------|-------------|-----|------------|-------------|-----|------------|-------------|-----|------------|-------------|
| 10000 | 10000 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

TABLE 1. Summary of the 1997-1998 season

Table with 10 columns: Species, Number of birds, etc. Rows include various bird species like Red-tailed Tropicbird, etc.

TABLE 2. Summary of the 1998-1999 season

Table with 10 columns: Species, Number of birds, etc. Rows include various bird species like Red-tailed Tropicbird, etc.

TABLE 3. Summary of the 1999-2000 season

Table with 10 columns: Species, Number of birds, etc. Rows include various bird species like Red-tailed Tropicbird, etc.

TABLE 4. Summary of the 2000-2001 season

Table with 10 columns: Species, Number of birds, etc. Rows include various bird species like Red-tailed Tropicbird, etc.

TRAFIC ANALYSIS - 6/16/65 STATION 00

| STATION | | DATE | | TIME | | DAY | | TYPE | | CLASS | | COUNT | | PERCENT | | TOTAL | | AVERAGE | |
|---------|----|------|----|------|----|-----|----|------|----|-------|----|-------|----|---------|----|-------|----|---------|----|
| 100 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |

| STATION | | DATE | | TIME | | DAY | | TYPE | | CLASS | | COUNT | | PERCENT | | TOTAL | | AVERAGE | |
|---------|----|------|----|------|----|-----|----|------|----|-------|----|-------|----|---------|----|-------|----|---------|----|
| 100 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |

| STATION | | DATE | | TIME | | DAY | | TYPE | | CLASS | | COUNT | | PERCENT | | TOTAL | | AVERAGE | |
|---------|----|------|----|------|----|-----|----|------|----|-------|----|-------|----|---------|----|-------|----|---------|----|
| 100 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |

| STATION | | DATE | | TIME | | DAY | | TYPE | | CLASS | | COUNT | | PERCENT | | TOTAL | | AVERAGE | |
|---------|----|------|----|------|----|-----|----|------|----|-------|----|-------|----|---------|----|-------|----|---------|----|
| 100 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |

TRAFFIC ANALYSIS - ARWAY TO TUNNEY C&W PLANT

Table with columns: Time, Station, and various traffic metrics. Includes a list of stations on the left side.

Table with columns: Time, Station, and various traffic metrics. Includes a list of stations on the left side.

Table with columns: Time, Station, and various traffic metrics. Includes a list of stations on the left side.

Table with columns: Time, Station, and various traffic metrics. Includes a list of stations on the left side.

Search 4020549 Search

Referencing

Station ID: **4020549** (Key: 221095) [Edit Station](#)

TMG Station ID: 402054

Physical or virtual: Station is physical

Data Storage Code: A Axle counter

Monitoring device: Portable traffic recording device

County: Putnam [View](#)

City: Scott Depot [View](#)

Road:

Road functional class: urban - Minor Arterial

Description: south of Great Tenys Blvd

Route Number: WV 34 [View](#)

Concurrent Route Number:

Concurrent Route 2:

Concurrent Route 3:

LRS Section ID: 40300340000 @ 14.600 Miles [View](#)

Traffic Segment: 0.000 to 0.000 Miles

Coordinate (Lat/Lon): 38.451200, -81.939100

Map Reference:

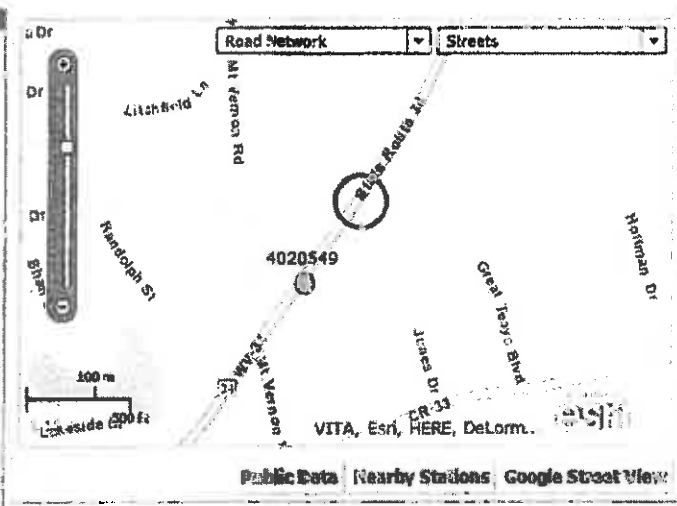
Camera ID:

| Approach | Dest Dir | Lane | Lane Span | Purpose | Speed mph | Description |
|----------|----------|------|-----------|----------|-----------|-------------|
| N | S | 1 | 1 | Mainlane | 45 | 4020549-2 |
| S | N | 1 | 1 | Mainlane | 45 | 4020549-1 |

Station Groups: Putnam [View](#)

Survey Schedule: [History](#)

Data Summary: [Raw](#) [AADT](#) [Trucks](#) [By Lane](#) [Surveys](#) [Photos](#) [More..](#)





Short Term Survey # 4020549
 In Putnam County
 Located on WV 34 at 14.600 Miles
 LRS ID: 4030340030
 south of Great Teays Blvd (Scott Depot)

Referencing: Annual Statistics | Surveys | WV 34 | Documents

Year Month Office Status Summary Volume By Hour Class By Hour Speed Turning Movements
 2015 Jun Count accepted Summary | By Day | All | North | South

Volume By Hour
 Direction: All Directions

| Time | Mon | Tue | Tue | Total | Avg | Pct | Graphic |
|----------|-------|------|-------|-------|------|------|---------|
| 12:00 am | | | | 87 | 87 | 0.37 | ■ |
| 1:00 am | | | | 74 | 74 | 0.31 | ■ |
| 2:00 am | | | | 53 | 53 | 0.22 | ■ |
| 3:00 am | | | | 49 | 49 | 0.21 | ■ |
| 4:00 am | | | | 78 | 78 | 0.33 | ■ |
| 5:00 am | | | | 784 | 784 | 1.20 | ■ |
| 6:00 am | | | | 696 | 696 | 2.94 | ■ |
| 7:00 am | | | | 1324 | 1324 | 5.59 | ■ |
| 8:00 am | | | | 1426 | 1426 | 6.02 | ■ |
| 9:00 am | | | | 1363 | 1363 | 5.75 | ■ |
| 10:00 am | | | | 1435 | 1435 | 6.05 | ■ |
| 11:00 am | | | | 1663 | 1663 | 7.02 | ■ |
| 12:00 pm | | | | 1873 | 1873 | 7.90 | ■ |
| 1:00 pm | | | | 1683 | 1683 | 7.10 | ■ |
| 2:00 pm | | | | 1652 | 1652 | 6.97 | ■ |
| 3:00 pm | | | | 1620 | 1620 | 6.83 | ■ |
| 4:00 pm | | | | 1831 | 1831 | 7.73 | ■ |
| 5:00 pm | | | | 1882 | 1882 | 7.94 | ■ |
| 6:00 pm | 1451 | | | 1451 | 1451 | 6.12 | ■ |
| 7:00 pm | 1125 | | | 1125 | 1125 | 4.75 | ■ |
| 8:00 pm | 873 | | | 873 | 873 | 3.68 | ■ |
| 9:00 pm | 583 | | | 583 | 583 | 2.46 | ■ |
| 10:00 pm | 357 | | | 357 | 357 | 1.51 | ■ |
| 11:00 pm | 240 | | | 240 | 240 | 1.01 | ■ |
| Total | 4629 | 1907 | 23702 | 23702 | | | |
| SI | 0.940 | | | 0.940 | | | |
| OP | 0.990 | | | 0.970 | | | |
| ACF | 0.960 | | | 0.960 | | | |
| AADT | | | | 29851 | | | |



3414

Short Term on 4020549
In Putnam County
Located on WV 34 at 14.600 Miles
LRS ID: 40300340000
south of Great Trays Blvd (Scott Depot)

Referencing Annual Statistics Surveys WV 34 Documents

Year Month Office Status Summary Volume By Hour Class By Hour Speed Turning Movements
2015 Jun Count accepted Summary | By Day AS | North | South

Volume By Hour
Direction: North

| Time | Mon Jun 08 | Tue Jun 09 | Total | Avg | Pct | Graphic |
|----------|------------|------------|-------|-------|------|---------|
| 12:00 am | | 38 | 38 | 38 | 0.34 | |
| 1:00 am | | 29 | 29 | 29 | 0.26 | |
| 2:00 am | | 26 | 26 | 26 | 0.23 | |
| 3:00 am | | 27 | 27 | 27 | 0.24 | |
| 4:00 am | | 58 | 58 | 58 | 0.51 | |
| 5:00 am | | 187 | 187 | 187 | 1.65 | |
| 6:00 am | | 478 | 478 | 478 | 4.22 | |
| 7:00 am | | 767 | 767 | 767 | 6.77 | |
| 8:00 am | | 739 | 739 | 739 | 6.52 | |
| 9:00 am | | 703 | 703 | 703 | 6.21 | |
| 10:00 am | | 670 | 670 | 670 | 5.91 | |
| 11:00 am | | 864 | 864 | 864 | 7.63 | |
| 12:00 pm | | 936 | 936 | 936 | 8.26 | |
| 1:00 pm | | 755 | 755 | 755 | 6.66 | |
| 2:00 pm | | 744 | 744 | 744 | 6.57 | |
| 3:00 pm | | 719 | 719 | 719 | 6.35 | |
| 4:00 pm | | 778 | 778 | 778 | 6.87 | |
| 5:00 pm | | 807 | 807 | 807 | 7.12 | |
| 6:00 pm | 618 | | 618 | 618 | 5.46 | |
| 7:00 pm | 479 | | 479 | 479 | 4.23 | |
| 8:00 pm | 394 | | 394 | 394 | 3.48 | |
| 9:00 pm | 245 | | 245 | 245 | 2.16 | |
| 10:00 pm | 148 | | 148 | 148 | 1.31 | |
| 11:00 pm | 119 | | 119 | 119 | 1.05 | |
| Total | 2003 | 9425 | 11328 | 11328 | | |
| SF | 0.940 | 0.910 | | | | |
| DF | 0.990 | 0.970 | | | | |
| ACF | 0.960 | 0.960 | | | | |
| AADT | | | | 9552 | | |



Short Term on 4020549
 In Putnam County
 Located on WV 34 at 14.600 Miles
 LRS ID: 40300340000
 south of Great Trays Blvd (Scott Depot)

Referencing Annual Statistics Surveys WV 34 Documents

Year Month Office Status Summary Volume By Hour Class By Hour Speed Turning Movements
 2015 JAN Count accepted Summary | By Div: All | North | South

Volume By Hour
 Direction: South

| Time | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Total | Avg | Pct | Graphic |
|--------------|-------------|-------------|-----|-----|-----|-----|-----|--------------|--------------|------|---------|
| 12:00 am | | | | | | | | 49 | 49 | 0.46 | █ |
| 1:00 am | | | | | | | | 45 | 45 | 0.36 | █ |
| 2:00 am | | | | | | | | 27 | 27 | 0.22 | █ |
| 3:00 am | | | | | | | | 22 | 22 | 0.18 | █ |
| 4:00 am | | | | | | | | 20 | 20 | 0.16 | █ |
| 5:00 am | | | | | | | | 97 | 97 | 0.78 | █ |
| 6:00 am | | | | | | | | 218 | 218 | 1.75 | █ |
| 7:00 am | | | | | | | | 557 | 557 | 4.50 | █ |
| 8:00 am | | | | | | | | 687 | 687 | 5.55 | █ |
| 9:00 am | | | | | | | | 660 | 660 | 5.33 | █ |
| 10:00 am | | | | | | | | 765 | 765 | 6.19 | █ |
| 11:00 am | | | | | | | | 799 | 799 | 6.46 | █ |
| 12:00 pm | | | | | | | | 937 | 937 | 7.57 | █ |
| 1:00 pm | | | | | | | | 928 | 928 | 7.50 | █ |
| 2:00 pm | | | | | | | | 908 | 908 | 7.34 | █ |
| 3:00 pm | | | | | | | | 901 | 901 | 7.28 | █ |
| 4:00 pm | | | | | | | | 1053 | 1053 | 8.51 | █ |
| 5:00 pm | | | | | | | | 1075 | 1075 | 8.69 | █ |
| 6:00 pm | | 873 | | | | | | 873 | 873 | 6.73 | █ |
| 7:00 pm | | 646 | | | | | | 646 | 646 | 5.22 | █ |
| 8:00 pm | | 479 | | | | | | 479 | 479 | 3.87 | █ |
| 9:00 pm | | 376 | | | | | | 376 | 376 | 3.03 | █ |
| 10:00 pm | | 209 | | | | | | 209 | 209 | 1.69 | █ |
| 11:00 pm | | 121 | | | | | | 121 | 121 | 0.98 | █ |
| Total | 2626 | 9716 | | | | | | 12974 | 10374 | | |
| SE | 0.940 | 0.940 | | | | | | | | | |
| DF | 0.990 | 0.970 | | | | | | | | | |
| ACF | 0.960 | 0.960 | | | | | | | | | |
| AADT | | | | | | | | | 10879 | | |

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DOT160000055

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

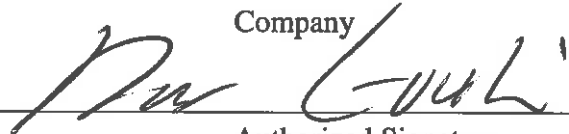
(Check the box next to each addendum received)

- | | |
|--|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input checked="" type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Quality Traffic Data, LLC

Company



Authorized Signature

2/19/2016

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

SOLICITATION NUMBER: CRFQ – DOT1600000055
Addendum Number: 5

The purpose of this addendum is to modify the solicitation identified as CRFQ DOT1600000055 (“Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

1. Bid openings remain February 17, 2016 at 1:30 pm.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DOT1600000055

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

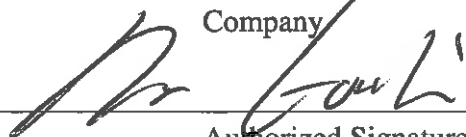
(Check the box next to each addendum received)

- | | |
|--|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input checked="" type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Quality Traffic Data, LLC

Company



Authorized Signature

2/19/2016

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

Addendum 6

Response to Questions for 8616C007-CRFQ 0803 DOT 1600000055

1. Question: How many of each count type were performed under the previous contract during the past year?

Answer: Under the previous contract, the following approximate number of counts were collected:

2300 counts for items 5.6.1, 5.6.2 and 5.6.3.

650 counts for item 5.6.4.

10 counts for item 5.6.5.

100 counts for item 5.6.6.

2. Question: There is a 'Days' place for input when submitting the bid online. What is the purpose of this and if not necessary what number should be included in its place.

Answer: Any questions related to the Oasis system, please contact oasis contact help desk at 304-558-6708.

3. Question: There was some confusion when discussing turning movement counts at the mandatory pre-bid meeting. Please add clarification of the difference between the three items which mention turning movement counts. Are photos needed for all locations or just item 7? Are tubes used at all locations or just with item 10?

Answer: Please refer to Addendum#4 for clarification on all turning movement counts requirements. Photos are needed for item 5.6.7 only. Tubes counts are used for item 10, please refer to Addendum#4 for clarification.

4. Question Units:

- a. The solicitation refers to each when referring to the Mechanical Classification counts. Are the Mechanical Classification counts done per lane or per location?

Answer: Mechanical classification counts to be collected per direction.

- b. The solicitation refers to each when referring to the Mechanical Speed counts. Are the Mechanical Speed counts done per lane or per location?

Answer: Mechanical Speed counts to be collected per direction.

- c. Is item 9 (video analytical tools) to be priced per location or per hour?

Answer: Video Analytical tools to be priced per hour per lane.

5. Question: It was noted during the mandatory pre-bid meeting that PEEK Traffic Corporation would no longer be used in this project and would be replaced by GEOCOUNTS. Please verify.

Answer: GEOCOUNTS is the required format as specified in Addendum#4.

6. Question: It was stated during the mandatory pre-bid meeting that

7. Question: Item 3.3.1 of the RFQ states all volume counts are to be with schools in session. Does this also apply to Classification, Speed, and Radar counts?

Answer: Please refer to Addendum#4.

8. Question: Can Interstate counts be conducted at times when schools are not in session?

Answer: Please refer to Addendum#4.

9. Question: Please verify that interstate counts mentioned in 3.3.2 include all ramps once and just mainline during the other count period.

Answer: Please refer to Addendum#4.

10. Question: Please verify that the interstate counts are included as part of the approximate 2600 Mechanical Volume counts.

Answer: yes the interstate counts are included as part of the 2600 mechanical Volume counts.

11. Question: We were told at the pre-bid meeting a copy of the sign in sheets would be included on the web site but it has not been attached to date.

Answer: Please refer to Addendum#1.

SOLICITATION NUMBER: CRFQ – DOT1600000055
Addendum Number: 6

The purpose of this addendum is to modify the solicitation identified as CRFQ DOT1600000055 (“Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time**
- Modify specifications of product or service being sought**
- Attachment of vendor questions and responses**
- Attachment of pre-bid sign-in sheet**
- Correction of error**
- Other**

Description of Modification to Solicitation:

1. Modify bid opening from February 17, 2016 to February 24, 2016 at 1:30 pm.
2. To provide responses to vendor questions inadvertently omitted from previous addenda.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DOT160000055

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:


(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input checked="" type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Quality Traffic Data, LLC

Company


Authorized Signature

2/19/2016

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.



Quality Traffic Data

Traffic Data On Demand

4860 Cox Road, Suite 200
Glen Allen, VA 23060
Phone: 877- 852-4355
Fax: 877-877-3698
Info@QualityTrafficData.com

Equipment Resources

Quality Traffic Data, LLC has a sufficient quantity of equipment of excellent quality such as would be necessary for the completion of the contract. Quality Traffic Data, LLC will be reserving a significant portion of its equipment specifically for use on this contract.

Diamond Traffic Apollo Model

Portable Road Tube Speed and Axle Classifier

The Apollo Road Tube Counter/Classifier is the perfect choice to count and classify traffic for cities, counties and police departments. Easy to use without the confusion of a complex menu, field setup takes minutes. Designed for both new and experienced personnel without sacrificing high-resolution accuracy.

How easy is it?

- Place road tubes and turn on the unit
- Key in your site's ID
- Confirm Date and Time
- Use the LCD display to verify correct set up
- Press "Enter" and Data collection starts.

Clocks Speeds better than Radar

With the Apollo's high accuracy and fast internal processor, collecting speed data has never been easier and is more accurate than radar. The Apollo Classifier uses two tubes and can store over two million vehicles for effortless reporting. Lightweight design and solar charging make the Apollo an ideal portable unit that is convenient and versatile.

- Quick and simple 4 step wizard interface.
- 4 line LCD display showing Per-Vehilce Information
- Stores up to 2 million vehicles in memory

| | |
|----------------|--|
| Specifications | |
| SIZE | 10 1/4" x 5 7/8" x 3 3/4" |
| CASE | Inputs (Powdered coated cast aluminum with separated battery compartment) |
| WEIGHT | 8lbs |
| POWER | 6vdc Sealed Lead Acid with built in solar panel |
| KEYPAD/DISPLAY | Alpha/Numeric 16 Key keypad with 4 Line 20 Character per line LCD |
| MEMORY | 8.5MB flash with battery backup. up to 999 files with over 2mil vehicle record storage |
| SENSORS | 4 Road Tube rear panel) |
| COMMUNICATIONS | RS232 115k baud sub-D 9pin DTE |
| TEMP | -40°F to +160°F (-40°C to 72°C) |
| ENVIRONMENTAL | IP65, 0-95% non-condensing relative humidity |

MetroCount 5600 Series - MC5600 Vehicle Classifier System

The MC5600 Vehicle Classifier System precisely stores every axle, and with the included Traffic Executive™ software, provides the class, speed, gap and more of every vehicle.

The MetroCount MC5600 Vehicle Classifier System combines state-of-the-art traffic logging hardware with powerful, yet easy-to-use software. MetroCount provides you with a total solution to all your traffic monitoring issues, from routine statistics through to the most complex traffic management problems.



Quality Traffic Data

Traffic Data On Demand

4860 Cox Road, Suite 200
Glen Allen, VA 23060
Phone: 877- 852-4355
Fax: 877-877-3698
Info@QualityTrafficData.com

PEEK Traffic ADR-1000 Plus Portable Traffic Counter/Classifier

The Peek ADR-1000 Plus provides ease of use and optimal functionality as a portable counter/classifier. With preprogrammed quick setup features, field personnel only need to press one or two keys to select recording operation. The type, configuration and format of data to be collected can be custom programmed or selected from menu driven choices.

Features of the ADR-1000 Plus

- 1 MB onboard memory
- Quick set up, easy to use
- Scheme "F" or user-defined classification scheme
- Water-barrier airswitches
- Weatherproof housing
- U.S. standard or metric units
- Battery "sentinel"
- Multiple studies
- Auto daylight savings time

Powerful Options

- Compatible with the non-intrusive AxleLight® laser axle detector
- Compatible with the Peek ADR-WIM module
- One slot available for any of the single-slot Peek ADR Add-on Modules
- PCMCIA memory option for additional storage
- Can be used with the ADR High-Density Surge Suppression Panel, including solar interconnects
- Solar power option
- Compatible with the StopWatch+ Real-Time Data collection algorithms
- Data generated by the ADR-1000 Plus can be retrieved and managed by either TOPS or Viper



Quality Traffic Data

Traffic Data On Demand

4860 Cox Road, Suite 200
Glen Allen, VA 23060
Phone: 877- 852-4355
Fax: 877-877-3698
Info@QualityTrafficData.com

WaveTronix SmartSensor Matrix

Continuous Stop Bar Detection

SmartSensor Matrix uses high definition, multi-beam radar and a patented radar imaging process to see all vehicles, moving or stopped, in all conditions. Matrix also features a detection range capable of covering up to 10 lanes of traffic at once.

- SmartSensor Matrix accurately detects the presence of all vehicles within its 90-degree field of view, and tracks them throughout its 140-foot range.
- SmartSensor Matrix performs accurately from a variety of mounting locations, providing powerful HD radar that accommodates the most challenging intersections.
- SmartSensor Matrix offers worry-free performance, with significant operational cost savings over the life of the sensor compared to competitive technologies.
- No traffic sensor matches Wavetronix technologies for quick sensor setup. With auto-configuration and intuitive tools, SmartSensor Matrix can be up and running in under an hour.

ELSAG ALRP Camera

Mini ALPR Camera

ELSAG's new Mini camera is the smallest and lightest yet, adding more flexibility to the Mobile Plate Hunter-900 automatic license plate recognition (ALPR or LPR) technology. The Mini Camera will fit inside light bars, mount to the exterior of police cars with magnetic clips or can be custom mounted to fit your agency's specifications. The all-digital Mini ALPR camera produces a superior image to systems utilizing analog cameras and you can still depend on ELSAG's industry-leading plate reading accuracy which has made it the MPH-900 the preferred ALPR technology across the U.S.



Quality Traffic Data

Traffic Data On Demand

4860 Cox Road, Suite 200
Glen Allen, VA 23060
Phone: 877- 852-4355
Fax: 877-877-3698
Info@QualityTrafficData.com

Sample Reports

Average Daily Traffic Volumes

Quality Traffic Data, LLC

| | |
|-----------------|-----------------|
| QTD PROJ. LOC # | GPS COORDINATES |
| DR STREET | START DATE |
| CROSS STREETS | VICINITY |

N/A
Tuesday, January 26, 2016
SAMPLE

| | AM COUNTS | | | | PM COUNTS | | | |
|----------------|-------------|-------------|-----|-------------|----------------|-------------|-------------|-------------|
| | NB | SB | EB | WB | NB | SB | EB | WB |
| 00:00 | 6 | 5 | | | 117 | 98 | | |
| 00:15 | 12 | 8 | | | 111 | 99 | | |
| 00:30 | 4 | 2 | | | 116 | 98 | | |
| 00:45 | 3 | 25 | 5 | 20 | 106 | 450 | 100 | 395 |
| 01:00 | 2 | 3 | | | 111 | 97 | | |
| 01:15 | 3 | 3 | | | 100 | 98 | | |
| 01:30 | 3 | 3 | | | 109 | 108 | | |
| 01:45 | 3 | 11 | 1 | 10 | 105 | 433 | 100 | 403 |
| 02:00 | 2 | 2 | | | 111 | 102 | | |
| 02:15 | 1 | 3 | | | 109 | 100 | | |
| 02:30 | 1 | 0 | | | 126 | 113 | | |
| 02:45 | 1 | 5 | 5 | 10 | 136 | 487 | 134 | 449 |
| 03:00 | 1 | 1 | | | 166 | 151 | | |
| 03:15 | 1 | 1 | | | 202 | 153 | | |
| 03:30 | 0 | 2 | | | 170 | 145 | | |
| 03:45 | 5 | 7 | 1 | 5 | 184 | 777 | 165 | 614 |
| 04:00 | 2 | 1 | | | 155 | 143 | | |
| 04:15 | 0 | 1 | | | 138 | 148 | | |
| 04:30 | 3 | 0 | | | 166 | 154 | | |
| 04:45 | 10 | 15 | 6 | 8 | 164 | 616 | 175 | 620 |
| 05:00 | 4 | 4 | | | 170 | 148 | | |
| 05:15 | 17 | 12 | | | 184 | 151 | | |
| 05:30 | 16 | 9 | | | 186 | 191 | | |
| 05:45 | 20 | 57 | 22 | 47 | 187 | 725 | 141 | 637 |
| 06:00 | 18 | 19 | | | 197 | 171 | | |
| 06:15 | 39 | 28 | | | 143 | 155 | | |
| 06:30 | 51 | 41 | | | 142 | 138 | | |
| 06:45 | 44 | 152 | 46 | 131 | 127 | 609 | 111 | 575 |
| 07:00 | 71 | 66 | | | 107 | 109 | | |
| 07:15 | 101 | 76 | | | 123 | 112 | | |
| 07:30 | 137 | 134 | | | 90 | 97 | | |
| 07:45 | 190 | 499 | 188 | 461 | 89 | 409 | 63 | 387 |
| 08:00 | 212 | 220 | | | 62 | 76 | | |
| 08:15 | 232 | 235 | | | 60 | 90 | | |
| 08:30 | 179 | 165 | | | 70 | 71 | | |
| 08:45 | 161 | 781 | 150 | 770 | 60 | 757 | 61 | 298 |
| 09:00 | 120 | 122 | | | 70 | 64 | | |
| 09:15 | 117 | 88 | | | 49 | 66 | | |
| 09:30 | 108 | 95 | | | 35 | 63 | | |
| 09:45 | 103 | 448 | 107 | 412 | 39 | 193 | 54 | 247 |
| 10:00 | 85 | 75 | | | 36 | 44 | | |
| 10:15 | 118 | 95 | | | 20 | 31 | | |
| 10:30 | 83 | 101 | | | 26 | 25 | | |
| 10:45 | 109 | 395 | 78 | 349 | 21 | 103 | 21 | 121 |
| 11:00 | 102 | 95 | | | 13 | 14 | | |
| 11:15 | 76 | 89 | | | 11 | 19 | | |
| 11:30 | 101 | 92 | | | 9 | 11 | | |
| 11:45 | 89 | 368 | 101 | 377 | 7 | 40 | 11 | 55 |
| TOTALS: | 2766 | 2606 | | 5372 | TOTALS: | 5034 | 4789 | 9823 |

| | SPLIT | 51.5% | 48.3% | 35.4% | SPLIT | 51.2% | 48.8% | 64.6% |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|
| PEAK HOUR | 07:45 | 07:45 | | 07:45 | 17:15 | 16:45 | | 17:15 |
| PH VOLUME | 813 | 808 | | 1821 | 754 | 665 | | 1408 |
| PHF | 0.86 | 0.86 | | 0.87 | 0.99 | 0.87 | | 0.93 |

| DAY'S TOTAL | | | | |
|-------------|------|----|----|-------|
| NB | SB | EB | WB | TOTAL |
| 7800 | 7395 | | | 15195 |



QUALITY TRAFFIC DATA, LLC

Average Daily Traffic Volumes Quality Traffic Data, LLC

| | | | |
|----------------|--------|-----------------|-----------------------------|
| QTD PROJ/LOC # | - | GPS COORDINATES | N/A |
| DN STREET | SAMPLE | START DATE | Wednesday, January 27, 2016 |
| CROSS STREETS | SAMPLE | VICINITY | SAMPLE |

| | AM COUNTS | | | | | PM COUNTS | | | | |
|----------------|-------------|-------------|-----|-------------|------|----------------|-------------|-------------|-----|-------------|
| | NB | SB | EB | WB | | NB | SB | EB | WB | |
| 00:00 | 11 | 17 | | | | 12:00 | 106 | 80 | | |
| 00:15 | 6 | 4 | | | | 12:15 | 114 | 96 | | |
| 00:30 | 8 | 3 | | | | 12:30 | 115 | 94 | | |
| 00:45 | 7 | 32 | 7 | 31 | 67 | 12:45 | 120 | 455 | 107 | 377 |
| 01:00 | 3 | 5 | | | | 13:00 | 136 | 89 | | |
| 01:15 | 3 | 2 | | | | 13:15 | 132 | 103 | | |
| 01:30 | 3 | 6 | | | | 13:30 | 127 | 105 | | |
| 01:45 | 3 | 12 | 1 | 14 | 26 | 13:45 | 119 | 574 | 102 | 399 |
| 02:00 | 5 | 2 | | | | 14:00 | 124 | 102 | | |
| 02:15 | 4 | 7 | | | | 14:15 | 120 | 106 | | |
| 02:30 | 1 | 1 | | | | 14:30 | 117 | 108 | | |
| 02:45 | 1 | 11 | 0 | 10 | 21 | 14:45 | 128 | 489 | 112 | 478 |
| 03:00 | 4 | 1 | | | | 15:00 | 117 | 135 | | |
| 03:15 | 0 | 2 | | | | 15:15 | 142 | 142 | | |
| 03:30 | 3 | 2 | | | | 15:30 | 147 | 142 | | |
| 03:45 | 2 | 9 | 2 | 7 | 16 | 15:45 | 158 | 564 | 161 | 580 |
| 04:00 | 2 | 0 | | | | 16:00 | 167 | 156 | | |
| 04:15 | 6 | 7 | | | | 16:15 | 173 | 137 | | |
| 04:30 | 5 | 7 | | | | 16:30 | 177 | 140 | | |
| 04:45 | 10 | 23 | 6 | 20 | 43 | 16:45 | 171 | 688 | 172 | 605 |
| 05:00 | 4 | 8 | | | | 17:00 | 201 | 137 | | |
| 05:15 | 15 | 11 | | | | 17:15 | 176 | 143 | | |
| 05:30 | 13 | 10 | | | | 17:30 | 174 | 183 | | |
| 05:45 | 17 | 49 | 24 | 53 | 100 | 17:45 | 162 | 718 | 161 | 623 |
| 06:00 | 17 | 26 | | | | 18:00 | 169 | 185 | | |
| 06:15 | 37 | 31 | | | | 18:15 | 165 | 145 | | |
| 06:30 | 61 | 38 | | | | 18:30 | 123 | 123 | | |
| 06:45 | 76 | 191 | 52 | 147 | 338 | 18:45 | 105 | 562 | 104 | 557 |
| 07:00 | 90 | 60 | | | | 19:00 | 89 | 104 | | |
| 07:15 | 115 | 88 | | | | 19:15 | 103 | 101 | | |
| 07:30 | 136 | 119 | | | | 19:30 | 97 | 90 | | |
| 07:45 | 159 | 300 | 188 | 456 | 960 | 19:45 | 84 | 323 | 76 | 371 |
| 08:00 | 197 | 203 | | | | 20:00 | 82 | 60 | | |
| 08:15 | 237 | 210 | | | | 20:15 | 69 | 87 | | |
| 08:30 | 188 | 167 | | | | 20:30 | 84 | 59 | | |
| 08:45 | 158 | 772 | 158 | 748 | 1520 | 20:45 | 60 | 295 | 55 | 261 |
| 09:00 | 111 | 137 | | | | 21:00 | 47 | 49 | | |
| 09:15 | 116 | 108 | | | | 21:15 | 64 | 47 | | |
| 09:30 | 90 | 105 | | | | 21:30 | 40 | 29 | | |
| 09:45 | 126 | 443 | 96 | 446 | 860 | 21:45 | 41 | 192 | 41 | 166 |
| 10:00 | 123 | 85 | | | | 22:00 | 24 | 40 | | |
| 10:15 | 97 | 99 | | | | 22:15 | 33 | 26 | | |
| 10:30 | 73 | 81 | | | | 22:30 | 18 | 16 | | |
| 10:45 | 104 | 327 | 79 | 344 | 741 | 22:45 | 18 | 92 | 9 | 91 |
| 11:00 | 98 | 94 | | | | 23:00 | 23 | 16 | | |
| 11:15 | 91 | 88 | | | | 23:15 | 18 | 9 | | |
| 11:30 | 104 | 97 | | | | 23:30 | 10 | 11 | | |
| 11:45 | 89 | 382 | 104 | 383 | 765 | 23:45 | 7 | 58 | 12 | 48 |
| TOTALS: | 2821 | 2659 | | 5480 | | TOTALS: | 5001 | 4506 | | 9507 |

| | | | | | | | |
|--------------|-------|-------|-------|--------------|-------|-------|-------|
| SPLIT | 51.5% | 48.5% | 36.5% | SPLIT | 52.6% | 47.4% | 63.4% |
| PEAK HOUR | 07:45 | 07:45 | 07:45 | PEAK HOUR | 16:30 | 17:30 | 17:15 |
| PH VOLUME | 781 | 769 | 1588 | PH VOLUME | 725 | 674 | 1357 |
| PHF | 0.82 | 0.92 | 0.87 | PHF | 0.93 | 0.91 | 0.95 |

| DAY'S TOTAL | | | | |
|-------------|------|----|----|-------|
| NB | SB | EB | WB | TOTAL |
| 7822 | 7165 | | | 14987 |



QUALITY TRAFFIC DATA, LLC

SPEED PROFILE

SAMPLE - SAMPLE (NORTH BOUND)

| | | | |
|----------------|--------|------------------|---------------------------|
| OTD PROJ/LDC # | | GPS COORDINATES: | 0 |
| ON STREET | SAMPLE | START DATE: | Tuesday, January 26, 2016 |
| CROSS STREETS | SAMPLE | VICINITY: | SAMPLE |

| Time | 0 - < 15 | 15 - < 20 | 20 - < 25 | 25 - < 30 | 30 - < 35 | 35 - < 40 | 40 - < 45 | 45 - < 50 | 50 - < 55 | 55 - < 60 | 60 - < 65 | 65 - < 70 | 70 - < 200 | Total |
|--------------|----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|------------|-----------|-----------|-----------|------------|-------------|
| 0:00 | 0 | 0 | 1 | 1 | 4 | 10 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 26 |
| 1:00 | 0 | 0 | 0 | 0 | 1 | 4 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 11 |
| 2:00 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 3:00 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 7 |
| 4:00 | 0 | 0 | 0 | 0 | 4 | 5 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 15 |
| 5:00 | 0 | 0 | 0 | 0 | 5 | 16 | 20 | 10 | 3 | 2 | 1 | 0 | 0 | 57 |
| 6:00 | 0 | 0 | 0 | 1 | 9 | 33 | 57 | 39 | 9 | 3 | 0 | 1 | 0 | 162 |
| 7:00 | 0 | 0 | 0 | 2 | 24 | 147 | 211 | 95 | 17 | 3 | 0 | 0 | 0 | 469 |
| 8:00 | 0 | 0 | 0 | 6 | 62 | 311 | 291 | 96 | 16 | 1 | 0 | 1 | 0 | 784 |
| 9:00 | 0 | 0 | 0 | 3 | 39 | 175 | 153 | 71 | 8 | 1 | 0 | 0 | 0 | 448 |
| 10:00 | 0 | 0 | 0 | 0 | 34 | 157 | 152 | 44 | 5 | 3 | 0 | 0 | 0 | 396 |
| 11:00 | 0 | 0 | 0 | 5 | 31 | 125 | 144 | 53 | 8 | 0 | 0 | 0 | 0 | 366 |
| 12:00 | 0 | 2 | 0 | 1 | 39 | 150 | 174 | 72 | 11 | 1 | 0 | 0 | 0 | 450 |
| 13:00 | 0 | 0 | 0 | 3 | 30 | 140 | 179 | 62 | 15 | 4 | 0 | 0 | 0 | 433 |
| 14:00 | 0 | 0 | 0 | 2 | 30 | 190 | 179 | 69 | 10 | 2 | 0 | 0 | 0 | 462 |
| 15:00 | 0 | 1 | 0 | 7 | 59 | 271 | 262 | 110 | 8 | 3 | 0 | 0 | 0 | 722 |
| 16:00 | 0 | 0 | 1 | 4 | 60 | 235 | 222 | 81 | 11 | 1 | 1 | 0 | 0 | 618 |
| 17:00 | 0 | 0 | 0 | 2 | 54 | 254 | 268 | 89 | 15 | 2 | 1 | 0 | 0 | 728 |
| 18:00 | 0 | 0 | 0 | 2 | 44 | 179 | 255 | 104 | 21 | 3 | 0 | 1 | 0 | 609 |
| 19:00 | 0 | 0 | 0 | 0 | 19 | 113 | 201 | 57 | 15 | 3 | 1 | 0 | 0 | 409 |
| 20:00 | 0 | 0 | 0 | 5 | 29 | 60 | 103 | 48 | 7 | 0 | 0 | 0 | 0 | 252 |
| 21:00 | 0 | 0 | 0 | 1 | 28 | 75 | 56 | 19 | 4 | 0 | 0 | 0 | 0 | 183 |
| 22:00 | 0 | 0 | 1 | 2 | 8 | 27 | 49 | 12 | 3 | 1 | 0 | 0 | 0 | 103 |
| 23:00 | 0 | 0 | 0 | 1 | 3 | 13 | 10 | 6 | 7 | 0 | 0 | 0 | 0 | 40 |
| Total | 0 | 3 | 3 | 10 | 617 | 2710 | 3031 | 1151 | 183 | 36 | 4 | 8 | 8 | 7800 |
| % of Total | 0% | 0% | 0% | 1% | 8% | 35% | 39% | 15% | 2% | 0% | 0% | 0% | 0% | |

| | | | | | |
|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PERCENTILE SPEEDS: | <u>10%</u> 34.2 mph | <u>15%</u> 34.9 mph | <u>50%</u> 38.9 mph | <u>85%</u> 44.9 mph | <u>95%</u> 46.6 mph |
|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

| | | | | | | |
|-----------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|----------------------------|
| SPEED EXCEEDED: | <u>15 MPH</u> 100.0% 7800 | <u>25 MPH</u> 99.8% 7794 | <u>35 MPH</u> 91.4% 7127 | <u>45 MPH</u> 17.8% 1388 | <u>55 MPH</u> 0.5% 42 | <u>65 MPH</u> 0.0% 3 |
|-----------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|----------------------------|

| | | | |
|--------------|-----------------------------|-------------------------------|---------------------------|
| 10 MPH PACE: | <u>SPEED</u> 35 - 45 MPH | <u>NUMBER IN PACE</u> 5741 | <u>% IN PACE</u> 73.6% |
|--------------|-----------------------------|-------------------------------|---------------------------|



QUALITY TRAFFIC DATA, LLC

SPEED PROFILE

SAMPLE - SAMPLE (SOUTH BOUND)

| | | | |
|----------------|--------|------------------|---------------------------|
| OTD PROJ/LOC # | 0 | GPS COORDINATES: | 0 |
| ON STREET: | SAMPLE | START DATE: | Tuesday, January 26, 2010 |
| CROSS STREETS: | SAMPLE | VICINITY: | SAMPLE |

| Time | 0 - < 15 | 15 - < 20 | 20 - < 25 | 25 - < 30 | 30 - < 35 | 35 - < 40 | 40 - < 45 | 45 - < 50 | 50 - < 55 | 55 - < 60 | 60 - < 65 | 65 - < 70 | 70 - < 200 | Total |
|-------------------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|------------|------------|-----------|-----------|------------|-------------|
| 0:00 | 0 | 0 | 1 | 0 | 1 | 6 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 20 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 10 |
| 2:00 | 0 | 0 | 0 | 0 | 1 | 1 | 6 | 0 | 1 | 1 | 0 | 0 | 0 | 10 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 8 |
| 5:00 | 0 | 0 | 0 | 1 | 3 | 8 | 12 | 17 | 8 | 2 | 0 | 0 | 0 | 47 |
| 6:00 | 0 | 0 | 0 | 2 | 9 | 11 | 41 | 37 | 22 | 5 | 6 | 1 | 0 | 134 |
| 7:00 | 0 | 0 | 0 | 1 | 24 | 36 | 143 | 142 | 76 | 11 | 1 | 0 | 0 | 484 |
| 8:00 | 0 | 0 | 0 | 1 | 9 | 79 | 312 | 274 | 70 | 19 | 6 | 0 | 0 | 770 |
| 9:00 | 0 | 0 | 0 | 3 | 18 | 62 | 158 | 120 | 45 | 4 | 1 | 0 | 0 | 412 |
| 10:00 | 1 | 0 | 0 | 1 | 14 | 49 | 124 | 115 | 35 | 10 | 0 | 0 | 0 | 348 |
| 11:00 | 1 | 0 | 1 | 1 | 11 | 50 | 136 | 115 | 64 | 8 | 2 | 0 | 0 | 377 |
| 12:00 | 1 | 0 | 0 | 4 | 15 | 69 | 141 | 123 | 32 | 10 | 0 | 0 | 0 | 395 |
| 13:00 | 0 | 0 | 0 | 8 | 15 | 49 | 168 | 123 | 44 | 9 | 2 | 0 | 0 | 403 |
| 14:00 | 0 | 0 | 1 | 1 | 10 | 69 | 179 | 134 | 46 | 8 | 1 | 0 | 0 | 449 |
| 15:00 | 0 | 0 | 0 | 3 | 15 | 91 | 222 | 211 | 84 | 8 | 0 | 0 | 0 | 614 |
| 16:00 | 2 | 0 | 0 | 3 | 15 | 86 | 238 | 194 | 74 | 7 | 1 | 0 | 0 | 620 |
| 17:00 | 0 | 0 | 0 | 2 | 5 | 97 | 254 | 181 | 73 | 7 | 2 | 0 | 0 | 631 |
| 18:00 | 1 | 0 | 0 | 3 | 12 | 48 | 192 | 196 | 114 | 8 | 0 | 1 | 0 | 575 |
| 19:00 | 0 | 0 | 0 | 1 | 18 | 83 | 173 | 135 | 48 | 11 | 2 | 0 | 0 | 381 |
| 20:00 | 0 | 0 | 1 | 3 | 11 | 35 | 111 | 102 | 30 | 4 | 0 | 1 | 0 | 296 |
| 21:00 | 0 | 0 | 0 | 2 | 17 | 67 | 87 | 53 | 15 | 6 | 0 | 0 | 0 | 247 |
| 22:00 | 0 | 0 | 0 | 1 | 9 | 24 | 41 | 34 | 10 | 2 | 0 | 0 | 0 | 121 |
| 23:00 | 0 | 0 | 0 | 1 | 0 | 11 | 14 | 20 | 4 | 1 | 0 | 0 | 0 | 55 |
| Total | 6 | 0 | 4 | 38 | 280 | 1019 | 2713 | 2346 | 872 | 138 | 24 | 3 | 0 | 7395 |
| % of Total | 0% | 0% | 0% | 1% | 3% | 14% | 37% | 32% | 12% | 2% | 0% | 0% | 0% | |

| | | | | | |
|--------------------|------------|------------|------------|------------|------------|
| PERCENTILE SPEEDS: | 10% | 15% | 50% | 85% | 95% |
| | 38.3 mph | 38.1 mph | 43.4 mph | 48.8 mph | 50.7 mph |

| | | | | | | |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| SPEED EXCEEDED: | 15 MPH | 25 MPH | 35 MPH | 45 MPH | 55 MPH | 65 MPH |
| | 99.9% | 99.8% | 96.2% | 45.8% | 2.2% | 0.0% |
| | 7389 | 7385 | 7116 | 3384 | 166 | 3 |

| | | | |
|--------------|--------------|-----------------------|------------------|
| 10 MPH PACE: | SPEED | NUMBER IN PACE | % IN PACE |
| | 40 - 50 MPH | 5059 | 68.4% |



SPEED PROFILE

SAMPLE - SAMPLE (COMBINED)

| | |
|-----------------------|---------------------------------------|
| OTD PROJ/LOC # | GPS COORDINATES: 0 |
| ON STREET: SAMPLE | START DATE: Tuesday, January 28, 2016 |
| CROSS STREETS: SAMPLE | VICINITY: SAMPLE |

| Time | 0 - < 15 | 15 - < 20 | 20 - < 25 | 25 - < 30 | 30 - < 35 | 35 - < 40 | 40 - < 45 | 45 - < 50 | 50 - < 55 | 55 - < 60 | 60 - < 65 | 65 - < 70 | 70 - < 100 | Total |
|--------------|----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|-------------|------------|-----------|-----------|------------|--------------|
| 9:00 | 0 | 0 | 2 | 1 | 5 | 16 | 8 | 7 | 6 | 0 | 0 | 0 | 0 | 45 |
| 1:00 | 0 | 0 | 0 | 0 | 1 | 8 | 9 | 2 | 1 | 0 | 0 | 0 | 0 | 21 |
| 2:00 | 0 | 0 | 0 | 1 | 2 | 2 | 8 | 0 | 1 | 1 | 0 | 0 | 0 | 15 |
| 3:00 | 0 | 0 | 0 | 1 | 0 | 1 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 12 |
| 4:00 | 0 | 0 | 0 | 0 | 4 | 9 | 5 | 3 | 0 | 2 | 0 | 0 | 0 | 23 |
| 5:00 | 0 | 0 | 0 | 1 | 8 | 22 | 32 | 27 | 9 | 4 | 1 | 0 | 0 | 104 |
| 6:00 | 0 | 0 | 0 | 3 | 18 | 44 | 88 | 76 | 31 | 8 | 6 | 2 | 0 | 286 |
| 7:00 | 0 | 0 | 0 | 3 | 48 | 213 | 354 | 237 | 92 | 14 | 1 | 0 | 0 | 683 |
| 8:00 | 0 | 0 | 0 | 7 | 71 | 390 | 603 | 370 | 86 | 20 | 6 | 1 | 0 | 1554 |
| 9:00 | 0 | 0 | 0 | 8 | 57 | 237 | 311 | 181 | 52 | 5 | 1 | 0 | 0 | 880 |
| 10:00 | 1 | 0 | 0 | 1 | 48 | 206 | 276 | 159 | 40 | 13 | 0 | 0 | 0 | 744 |
| 11:00 | 1 | 0 | 1 | 8 | 42 | 173 | 220 | 174 | 60 | 8 | 2 | 0 | 0 | 748 |
| 12:00 | 1 | 2 | 0 | 5 | 54 | 219 | 315 | 195 | 43 | 11 | 0 | 0 | 0 | 845 |
| 13:00 | 0 | 0 | 0 | 8 | 45 | 189 | 335 | 185 | 59 | 13 | 2 | 0 | 0 | 836 |
| 14:00 | 0 | 0 | 1 | 3 | 40 | 259 | 358 | 203 | 56 | 10 | 1 | 0 | 0 | 931 |
| 15:00 | 0 | 1 | 0 | 10 | 74 | 382 | 484 | 321 | 73 | 11 | 0 | 0 | 0 | 1338 |
| 16:00 | 2 | 0 | 1 | 7 | 75 | 321 | 460 | 275 | 85 | 8 | 2 | 0 | 0 | 1238 |
| 17:00 | 0 | 0 | 0 | 4 | 59 | 381 | 552 | 280 | 88 | 9 | 3 | 0 | 0 | 1386 |
| 18:00 | 1 | 0 | 0 | 5 | 56 | 227 | 447 | 300 | 135 | 11 | 0 | 2 | 0 | 1184 |
| 19:00 | 0 | 0 | 0 | 1 | 35 | 148 | 334 | 192 | 63 | 14 | 3 | 0 | 0 | 790 |
| 20:00 | 0 | 0 | 1 | 8 | 40 | 95 | 214 | 150 | 37 | 4 | 0 | 1 | 0 | 650 |
| 21:00 | 0 | 0 | 0 | 3 | 45 | 162 | 143 | 72 | 19 | 8 | 0 | 0 | 0 | 440 |
| 22:00 | 0 | 0 | 1 | 3 | 17 | 51 | 90 | 46 | 13 | 3 | 0 | 0 | 0 | 224 |
| 23:00 | 0 | 0 | 0 | 2 | 3 | 24 | 24 | 26 | 16 | 1 | 0 | 0 | 0 | 96 |
| Total | 6 | 3 | 7 | 88 | 847 | 3729 | 5744 | 3487 | 1865 | 174 | 28 | 6 | 0 | 15195 |
| % of Total | 0% | 0% | 0% | 1% | 6% | 25% | 38% | 23% | 7% | 1% | 0% | 0% | 0% | |

| | | | | | |
|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PERCENTILE SPEEDS: | <u>10%</u> 34.8 mph | <u>15%</u> 35.8 mph | <u>50%</u> 41.5 mph | <u>85%</u> 47.6 mph | <u>90%</u> 48.6 mph |
|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

| | | | | | | |
|-----------------|----------------------------------|---------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------|
| SPEED EXCEEDED: | <u>15 MPH</u> 100.0% 15189 | <u>25 MPH</u> 99.9% 15179 | <u>35 MPH</u> 93.7% 14243 | <u>45 MPH</u> 31.4% 4770 | <u>65 MPH</u> 1.4% 208 | <u>85 MPH</u> 0.0% 8 |
|-----------------|----------------------------------|---------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------|

| | | | |
|--------------|-----------------------------|-------------------------------|---------------------------|
| 10 MPH PACE: | <u>SPEED</u> 35 - 45 MPH | <u>NUMBER IN PACE</u> 9473 | <u>% IN PACE</u> 62.3% |
|--------------|-----------------------------|-------------------------------|---------------------------|

SPEED PROFILE

SAMPLE - SAMPLE (NORTH BOUND)

| | | | |
|----------------|--------|------------------|-----------------------------|
| QTD PROJ/LOC # | - | GPS COORDINATES: | 0 |
| ON STREET: | SAMPLE | START DATE: | Wednesday, January 27, 2016 |
| CROSS STREETS: | SAMPLE | VICINITY: | SAMPLE |

| Time | 0 - < 15 | 15 - < 20 | 20 - < 25 | 25 - < 30 | 30 - < 35 | 35 - < 40 | 40 - < 45 | 45 - < 50 | 50 - < 55 | 55 - < 60 | 60 - < 65 | 65 - < 70 | 70 - < 200 | Total |
|--------------|----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|------------|-----------|-----------|-----------|------------|-------------|
| 0:00 | 0 | 0 | 0 | 1 | 3 | 10 | 10 | 8 | 1 | 0 | 1 | 0 | 0 | 32 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 2 | 4 | 0 | 0 | 0 | 0 | 12 |
| 2:00 | 0 | 0 | 0 | 0 | 1 | 6 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 11 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 5 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 9 |
| 4:00 | 0 | 1 | 0 | 1 | 1 | 8 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 23 |
| 5:00 | 0 | 0 | 0 | 0 | 4 | 18 | 18 | 8 | 2 | 1 | 0 | 0 | 0 | 49 |
| 6:00 | 0 | 0 | 0 | 1 | 10 | 56 | 74 | 38 | 10 | 2 | 0 | 0 | 0 | 191 |
| 7:00 | 0 | 0 | 1 | 2 | 26 | 124 | 211 | 107 | 25 | 3 | 1 | 0 | 0 | 500 |
| 8:00 | 1 | 0 | 2 | 3 | 51 | 307 | 282 | 106 | 17 | 1 | 2 | 0 | 0 | 772 |
| 9:00 | 0 | 0 | 0 | 2 | 46 | 164 | 163 | 53 | 9 | 0 | 1 | 0 | 0 | 443 |
| 10:00 | 0 | 0 | 1 | 4 | 24 | 123 | 141 | 52 | 28 | 20 | 3 | 1 | 0 | 357 |
| 11:00 | 0 | 0 | 1 | 8 | 13 | 102 | 110 | 71 | 35 | 22 | 11 | 3 | 0 | 382 |
| 12:00 | 0 | 0 | 0 | 6 | 37 | 147 | 171 | 79 | 14 | 1 | 0 | 0 | 0 | 455 |
| 13:00 | 1 | 0 | 0 | 3 | 48 | 141 | 197 | 88 | 29 | 8 | 2 | 0 | 0 | 514 |
| 14:00 | 0 | 0 | 1 | 4 | 41 | 133 | 187 | 91 | 26 | 5 | 1 | 0 | 0 | 499 |
| 15:00 | 0 | 0 | 0 | 5 | 31 | 156 | 211 | 126 | 29 | 4 | 2 | 0 | 0 | 584 |
| 16:00 | 0 | 0 | 0 | 1 | 34 | 192 | 284 | 149 | 42 | 5 | 1 | 0 | 0 | 688 |
| 17:00 | 0 | 1 | 0 | 1 | 35 | 233 | 299 | 143 | 30 | 4 | 2 | 0 | 0 | 718 |
| 18:00 | 0 | 0 | 0 | 0 | 18 | 160 | 223 | 123 | 33 | 5 | 0 | 0 | 0 | 582 |
| 19:00 | 0 | 0 | 0 | 0 | 11 | 110 | 149 | 83 | 16 | 2 | 0 | 0 | 0 | 373 |
| 20:00 | 0 | 0 | 0 | 3 | 30 | 99 | 101 | 50 | 10 | 2 | 0 | 0 | 0 | 285 |
| 21:00 | 0 | 0 | 1 | 3 | 18 | 64 | 68 | 29 | 18 | 1 | 0 | 0 | 0 | 182 |
| 22:00 | 0 | 0 | 0 | 2 | 9 | 28 | 35 | 15 | 3 | 1 | 0 | 0 | 0 | 63 |
| 23:00 | 0 | 0 | 0 | 1 | 6 | 15 | 17 | 13 | 3 | 0 | 0 | 0 | 0 | 58 |
| Total | 2 | 2 | 7 | 91 | 602 | 2891 | 2924 | 1442 | 385 | 86 | 27 | 4 | 9 | 7822 |
| % of Total | 0% | 0% | 0% | 1% | 6% | 31% | 37% | 18% | 5% | 1% | 0% | 0% | 0% | |

| | | | | | |
|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PERCENTILE SPEEDS: | <u>10%</u> 34.5 mph | <u>15%</u> 35.3 mph | <u>50%</u> 40.6 mph | <u>85%</u> 46.7 mph | <u>90%</u> 48.0 mph |
|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

| | | | | | | |
|-----------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|----------------------------|
| SPEED EXCEEDED: | <u>15 MPH</u> 100.0% 7820 | <u>25 MPH</u> 99.9% 7811 | <u>35 MPH</u> 92.8% 7258 | <u>45 MPH</u> 24.8% 1943 | <u>55 MPH</u> 1.5% 116 | <u>65 MPH</u> 0.1% 4 |
|-----------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|----------------------------|

| | | | |
|--------------|-----------------------------|-------------------------------|---------------------------|
| 10 MPH PACE: | <u>SPEED</u> 35 - 45 MPH | <u>NUMBER IN PACE</u> 5315 | <u>% IN PACE</u> 67.9% |
|--------------|-----------------------------|-------------------------------|---------------------------|



SPEED PROFILE

SAMPLE - SAMPLE (SOUTH BOUND)

| | | | |
|-----------------|--------|-----------------|-----------------------------|
| OTD PROJ./LOC # | - | GPS COORDINATES | 0 |
| ON STREET: | SAMPLE | START DATE: | Wednesday, January 27, 2016 |
| CROSS STREETS: | SAMPLE | VICINITY: | SAMPLE |

| Time | 0 - < 15 | 15 - < 20 | 20 - < 25 | 25 - < 30 | 30 - < 35 | 35 - < 40 | 40 - < 45 | 45 - < 50 | 50 - < 55 | 55 - < 60 | 60 - < 65 | 65 - < 70 | 70 - < 200 | Total |
|-------------------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-------------|------------|-----------|-----------|-----------|------------|-------------|
| 9:00 | 0 | 0 | 0 | 0 | 0 | 7 | 13 | 8 | 3 | 0 | 0 | 0 | 0 | 31 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 2 | 2 | 0 | 0 | 0 | 2 | 14 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 1 | 0 | 2 | 0 | 0 | 0 | 10 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 7 |
| 4:00 | 0 | 0 | 0 | 0 | 3 | 8 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 20 |
| 5:00 | 0 | 0 | 0 | 0 | 2 | 3 | 15 | 21 | 8 | 2 | 2 | 0 | 0 | 53 |
| 6:00 | 0 | 0 | 0 | 2 | 7 | 13 | 29 | 54 | 32 | 5 | 4 | 1 | 0 | 147 |
| 7:00 | 2 | 0 | 0 | 7 | 10 | 63 | 108 | 143 | 30 | 9 | 0 | 0 | 0 | 450 |
| 8:00 | 5 | 3 | 1 | 8 | 5 | 142 | 346 | 191 | 44 | 5 | 0 | 0 | 0 | 740 |
| 9:00 | 6 | 0 | 1 | 1 | 7 | 133 | 147 | 128 | 24 | 0 | 0 | 0 | 0 | 440 |
| 10:00 | 1 | 0 | 0 | 1 | 5 | 73 | 185 | 82 | 16 | 1 | 0 | 0 | 0 | 344 |
| 11:00 | 1 | 0 | 1 | 4 | 7 | 80 | 150 | 115 | 10 | 1 | 0 | 0 | 0 | 300 |
| 12:00 | 0 | 0 | 0 | 1 | 7 | 77 | 180 | 98 | 13 | 1 | 0 | 0 | 0 | 377 |
| 13:00 | 0 | 2 | 2 | 7 | 11 | 87 | 177 | 99 | 12 | 2 | 0 | 0 | 0 | 300 |
| 14:00 | 1 | 2 | 0 | 6 | 12 | 99 | 193 | 101 | 14 | 0 | 0 | 0 | 0 | 420 |
| 15:00 | 0 | 0 | 1 | 3 | 7 | 140 | 231 | 163 | 23 | 4 | 0 | 0 | 0 | 500 |
| 16:00 | 6 | 1 | 5 | 3 | 9 | 136 | 249 | 177 | 18 | 1 | 0 | 0 | 0 | 605 |
| 17:00 | 8 | 4 | 1 | 2 | 8 | 139 | 252 | 180 | 21 | 2 | 0 | 0 | 0 | 623 |
| 18:00 | 1 | 3 | 2 | 1 | 9 | 128 | 259 | 134 | 18 | 0 | 2 | 0 | 0 | 557 |
| 19:00 | 0 | 2 | 1 | 0 | 9 | 27 | 185 | 129 | 10 | 2 | 0 | 0 | 0 | 371 |
| 20:00 | 0 | 1 | 2 | 1 | 7 | 27 | 157 | 59 | 7 | 0 | 0 | 0 | 0 | 201 |
| 21:00 | 1 | 0 | 0 | 1 | 8 | 22 | 100 | 25 | 3 | 0 | 0 | 0 | 0 | 100 |
| 22:00 | 0 | 0 | 0 | 1 | 6 | 30 | 44 | 7 | 1 | 1 | 1 | 0 | 0 | 61 |
| 23:00 | 0 | 0 | 1 | 0 | 3 | 11 | 20 | 8 | 0 | 0 | 0 | 0 | 0 | 40 |
| Total | 20 | 10 | 10 | 50 | 142 | 1470 | 3134 | 1942 | 310 | 30 | 9 | 1 | 2 | 7155 |
| % of Total | 0% | 0% | 0% | 1% | 2% | 21% | 44% | 27% | 4% | 1% | 0% | 0% | 0% | |

| | | | | | |
|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PERCENTILE SPEEDS: | <u>10%</u> 35.6 mph | <u>15%</u> 38.8 mph | <u>50%</u> 42.0 mph | <u>80%</u> 47.2 mph | <u>90%</u> 48.1 mph |
|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

| | | | | | | |
|-----------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|----------------------------|
| SPEED EXCEEDED: | <u>15 MPH</u> 99.6% 7137 | <u>25 MPH</u> 99.1% 7101 | <u>35 MPH</u> 98.4% 6806 | <u>45 MPH</u> 32.1% 2302 | <u>55 MPH</u> 0.7% 50 | <u>60 MPH</u> 0.0% 3 |
|-----------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------------|----------------------------|

| | | | |
|--------------|-----------------------------|-------------------------------|---------------------------|
| 10 MPH PACE: | <u>SPEED</u> 40 - 50 MPH | <u>NUMBER IN PACE</u> 5078 | <u>% IN PACE</u> 70.8% |
|--------------|-----------------------------|-------------------------------|---------------------------|



QUALITY TRAFFIC DATA, LLC

SPEED PROFILE

SAMPLE - SAMPLE (COMBINED)

| | |
|------------------------------|--|
| OTD PROJ/LOC # | GPS COORDINATES: 0 |
| ON STREET: SAMPLE | START DATE: Wednesday, January 27, 2016 |
| CROSS STREETS: SAMPLE | VICINITY: SAMPLE |

| Time | 0 - < 15 | 15 - < 20 | 20 - < 25 | 25 - < 30 | 30 - < 35 | 35 - < 40 | 40 - < 45 | 45 - < 50 | 50 - < 55 | 55 - < 60 | 60 - < 65 | 65 - < 70 | 70 - < 200 | Total |
|-------------------|-----------|-----------|-----------|------------|------------|-------------|-------------|-------------|------------|------------|-----------|-----------|------------|--------------|
| 0:00 | 0 | 0 | 0 | 1 | 3 | 17 | 23 | 14 | 4 | 0 | 1 | 0 | 0 | 63 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 4 | 6 | 0 | 0 | 0 | 2 | 20 |
| 2:00 | 0 | 0 | 0 | 0 | 1 | 10 | 5 | 2 | 1 | 2 | 0 | 0 | 0 | 21 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 8 | 3 | 8 | 1 | 0 | 0 | 0 | 0 | 16 |
| 4:00 | 0 | 1 | 0 | 1 | 4 | 14 | 18 | 5 | 0 | 0 | 0 | 0 | 0 | 43 |
| 5:00 | 0 | 0 | 0 | 0 | 8 | 19 | 33 | 29 | 18 | 3 | 2 | 0 | 0 | 102 |
| 6:00 | 0 | 0 | 0 | 3 | 17 | 69 | 103 | 92 | 42 | 7 | 4 | 1 | 0 | 238 |
| 7:00 | 2 | 0 | 1 | 9 | 36 | 180 | 309 | 252 | 55 | 12 | 1 | 0 | 0 | 806 |
| 8:00 | 6 | 3 | 3 | 9 | 56 | 449 | 628 | 297 | 81 | 6 | 2 | 0 | 0 | 1320 |
| 9:00 | 6 | 0 | 1 | 3 | 53 | 297 | 315 | 181 | 38 | 0 | 1 | 0 | 0 | 609 |
| 10:00 | 1 | 0 | 1 | 5 | 29 | 188 | 306 | 134 | 44 | 21 | 3 | 1 | 0 | 741 |
| 11:00 | 1 | 0 | 2 | 12 | 28 | 190 | 266 | 188 | 45 | 20 | 11 | 3 | 0 | 766 |
| 12:00 | 0 | 0 | 0 | 7 | 44 | 224 | 351 | 177 | 27 | 2 | 0 | 0 | 0 | 632 |
| 13:00 | 1 | 2 | 2 | 10 | 57 | 223 | 374 | 188 | 41 | 8 | 2 | 0 | 0 | 813 |
| 14:00 | 1 | 2 | 1 | 10 | 53 | 232 | 380 | 192 | 40 | 5 | 1 | 0 | 0 | 917 |
| 15:00 | 0 | 0 | 1 | 8 | 38 | 304 | 442 | 289 | 52 | 8 | 2 | 0 | 0 | 1144 |
| 16:00 | 6 | 1 | 5 | 4 | 43 | 328 | 513 | 326 | 80 | 6 | 1 | 0 | 0 | 1293 |
| 17:00 | 6 | 5 | 1 | 3 | 43 | 372 | 521 | 332 | 51 | 6 | 2 | 0 | 0 | 1341 |
| 18:00 | 1 | 3 | 2 | 1 | 27 | 288 | 482 | 257 | 51 | 5 | 2 | 0 | 0 | 1118 |
| 19:00 | 0 | 2 | 1 | 6 | 20 | 137 | 334 | 212 | 26 | 4 | 0 | 0 | 0 | 744 |
| 20:00 | 0 | 1 | 2 | 4 | 37 | 126 | 258 | 109 | 17 | 2 | 0 | 0 | 0 | 556 |
| 21:00 | 1 | 0 | 1 | 4 | 27 | 78 | 175 | 54 | 19 | 1 | 0 | 0 | 0 | 358 |
| 22:00 | 0 | 0 | 0 | 3 | 15 | 58 | 79 | 22 | 4 | 2 | 1 | 0 | 0 | 184 |
| 23:00 | 0 | 0 | 1 | 1 | 9 | 26 | 42 | 24 | 3 | 0 | 0 | 0 | 0 | 106 |
| Total | 30 | 20 | 26 | 104 | 644 | 3861 | 6068 | 3384 | 896 | 123 | 36 | 6 | 2 | 14987 |
| % of Total | 0% | 0% | 0% | 1% | 4% | 26% | 40% | 23% | 5% | 1% | 0% | 0% | 0% | |

| | | | | | |
|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PERCENTILE SPEEDS: | 10% 34.9 mph | 15% 35.8 mph | 50% 41.3 mph | 85% 47.0 mph | 90% 48.1 mph |
|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|

| | | | | | | |
|------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------|
| SPEED EXCEEDED: | 15 MPH 99.6% 14957 | 25 MPH 99.6% 14912 | 35 MPH 94.5% 14184 | 45 MPH 28.3% 4245 | 55 MPH 1.1% 186 | 65 MPH 0.0% 7 |
|------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|------------------------------|----------------------------|

| | | | |
|---------------------|-----------------------------|-------------------------------|---------------------------|
| 10 MPH PACE: | SPEED 35 - 45 MPH | NUMBER IN PACE 9919 | % IN PACE 66.2% |
|---------------------|-----------------------------|-------------------------------|---------------------------|



VEHICLE CLASSIFICATIONS

SAMPLE - SAMPLE (NORTH BOUND)

| | |
|-----------------------|---------------------------------------|
| QTD PROJ/LOC #: - | GPS COORDINATES: 0 |
| ON STREET: SAMPLE | START DATE: Tuesday, January 26, 2018 |
| CROSS STREETS: SAMPLE | VICINITY: SAMPLE |

| Time | #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 | #12 | #13 | Total |
|--------------|-----------|-------------|------------|-----------|------------|-----------|----------|----------|----------|----------|----------|----------|----------|-------------|
| 0:00 | 0 | 22 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 1:00 | 0 | 10 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 2:00 | 0 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 3:00 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 4:00 | 0 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 5:00 | 1 | 60 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 |
| 6:00 | 1 | 132 | 10 | 0 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 152 |
| 7:00 | 6 | 441 | 35 | 1 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 498 |
| 8:00 | 1 | 712 | 45 | 2 | 11 | 8 | 0 | 0 | 2 | 0 | 0 | 2 | 1 | 784 |
| 9:00 | 4 | 375 | 42 | 0 | 21 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 446 |
| 10:00 | 3 | 338 | 33 | 0 | 16 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 395 |
| 11:00 | 6 | 300 | 45 | 4 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 368 |
| 12:00 | 4 | 376 | 43 | 0 | 22 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 450 |
| 13:00 | 5 | 378 | 34 | 3 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 433 |
| 14:00 | 7 | 416 | 41 | 1 | 12 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 462 |
| 15:00 | 15 | 603 | 61 | 9 | 22 | 15 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 722 |
| 16:00 | 6 | 545 | 35 | 2 | 19 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 616 |
| 17:00 | 5 | 648 | 33 | 4 | 13 | 10 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 725 |
| 18:00 | 12 | 541 | 33 | 5 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 609 |
| 19:00 | 7 | 373 | 19 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 409 |
| 20:00 | 1 | 234 | 10 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 252 |
| 21:00 | 0 | 183 | 4 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 193 |
| 22:00 | 0 | 95 | 4 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 103 |
| 23:00 | 3 | 54 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| TOTAL | 67 | 6830 | 537 | 28 | 216 | 78 | 7 | 2 | 5 | 2 | 1 | 5 | 2 | 7800 |
| % of Total: | 1% | 88% | 7% | 0% | 3% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |

7 - 9 AM Peak Total
1283

12 - 2 PM Peak Total
863

4 - 6 PM Peak Total
1341

FHWA Vehicle Classification Scheme

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> 1 MOTORCYCLES 2 PASSENGER CARS 3 FOUR TIRE, SINGLE UNIT 4 BUSES | <ul style="list-style-type: none"> 5 TWO AXLE, SIX TIRE SINGLE UNIT 6 THREE AXLE, SINGLE UNIT 7 FOUR OR MORE AXLE, SINGLE UNIT 8 FOUR OR LESS AXLE, SINGLE TRAILER | <ul style="list-style-type: none"> 9 FIVE-AXLE SINGLE TRAILER 10 SIX OR MORE AXLE, SINGLE TRAILER 11 FIVE OR LESS AXLE, MULTI TRAILER 12 SIX AXLE, MULTI TRAILER 13 SEVEN OR MORE AXLE, MULTI-TRAILER |
|--|--|--|



VEHICLE CLASSIFICATIONS

SAMPLE - SAMPLE (SOUTH BOUND)

| | |
|-----------------------|---------------------------------------|
| QTD PROJ/LOC #: | GPS COORDINATES: |
| ON STREET: SAMPLE | START DATE: Tuesday, January 26, 2016 |
| CROSS STREETS: SAMPLE | VICINITY: SAMPLE |

| Time | #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 | #12 | #13 | Total |
|--------------|------------|-------------|------------|-----------|------------|------------|-----------|-----------|-----------|----------|----------|----------|----------|-------------|
| 0:00 | 0 | 17 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 1:00 | 0 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 2:00 | 0 | 7 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 3:00 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 4:00 | 0 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 8 |
| 5:00 | 1 | 38 | 1 | 1 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| 6:00 | 3 | 112 | 2 | 4 | 7 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 134 |
| 7:00 | 19 | 372 | 30 | 5 | 21 | 9 | 1 | 4 | 1 | 1 | 0 | 0 | 1 | 484 |
| 8:00 | 25 | 634 | 42 | 5 | 25 | 18 | 0 | 8 | 9 | 3 | 1 | 0 | 0 | 770 |
| 9:00 | 10 | 322 | 38 | 0 | 22 | 12 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 412 |
| 10:00 | 10 | 275 | 36 | 2 | 15 | 9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 349 |
| 11:00 | 18 | 290 | 37 | 1 | 23 | 4 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 377 |
| 12:00 | 13 | 311 | 34 | 2 | 25 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 395 |
| 13:00 | 12 | 237 | 35 | 2 | 12 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 403 |
| 14:00 | 10 | 373 | 38 | 1 | 17 | 6 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 448 |
| 15:00 | 10 | 526 | 36 | 2 | 14 | 17 | 1 | 4 | 4 | 0 | 0 | 0 | 0 | 614 |
| 16:00 | 16 | 503 | 49 | 4 | 17 | 17 | 2 | 8 | 2 | 0 | 2 | 0 | 0 | 620 |
| 17:00 | 21 | 512 | 35 | 3 | 13 | 20 | 1 | 6 | 3 | 0 | 0 | 1 | 0 | 631 |
| 18:00 | 16 | 500 | 22 | 1 | 11 | 15 | 2 | 6 | 2 | 0 | 0 | 0 | 0 | 575 |
| 19:00 | 11 | 341 | 16 | 1 | 10 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 381 |
| 20:00 | 7 | 268 | 12 | 1 | 4 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 288 |
| 21:00 | 3 | 224 | 12 | 0 | 3 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 247 |
| 22:00 | 1 | 113 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 121 |
| 23:00 | 0 | 49 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 |
| TOTAL | 206 | 6159 | 488 | 37 | 249 | 155 | 11 | 50 | 28 | 4 | 3 | 3 | 2 | 7395 |
| % of Total: | 3% | 83% | 7% | 1% | 3% | 2% | 0% | 1% | 0% | 0% | 0% | 0% | 0% | |

7 - 9 AM Peak Total
1234

12 - 2 PM Peak Total
798

4 - 6 PM Peak Total
1251

FHWA Vehicle Classification Scheme

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> 1 MOTORCYCLES 2 PASSENGER CARS 3 FOUR TIRE, SINGLE UNIT 4 BUSES | <ul style="list-style-type: none"> 5 TWO AXLE, SIX TIRE SINGLE UNIT 6 THREE AXLE, SINGLE UNIT 7 FOUR OR MORE AXLE, SINGLE UNIT 8 FOUR OR LESS AXLE, SINGLE TRAILER | <ul style="list-style-type: none"> 9 FIVE-AXLE SINGLE TRAILER 10 SIX OR MORE AXLE, SINGLE TRAILER 11 FIVE OR LESS AXLE, MULTI TRAILER 12 SIX AXLE, MULTI TRAILER 13 SEVEN OR MORE AXLE, MULTI-TRAILER |
|--|--|--|



QUALITY TRAFFIC DATA, LLC

VEHICLE CLASSIFICATIONS

SAMPLE - SAMPLE (COMBINED)

| | | | |
|------------------|--------|------------------|---------------------------|
| QTD PROJ./LOC #: | - | GPS COORDINATES: | 0 |
| ON STREET: | SAMPLE | START DATE: | Tuesday, January 26, 2016 |
| CROSS STREETS: | SAMPLE | VICINITY: | SAMPLE |

| Time | #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 | #12 | #13 | Total |
|--------------------|------------|--------------|-------------|-----------|------------|------------|-----------|-----------|-----------|----------|----------|----------|----------|--------------|
| 0:00 | 0 | 39 | 2 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| 1:00 | 0 | 19 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| 2:00 | 0 | 9 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 3:00 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 4:00 | 0 | 18 | 3 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 23 |
| 5:00 | 2 | 88 | 3 | 1 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 104 |
| 6:00 | 4 | 244 | 12 | 4 | 15 | 4 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 286 |
| 7:00 | 25 | 813 | 68 | 6 | 34 | 11 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 983 |
| 8:00 | 26 | 1346 | 87 | 7 | 36 | 26 | 0 | 8 | 11 | 3 | 1 | 2 | 1 | 1554 |
| 9:00 | 14 | 607 | 81 | 0 | 43 | 17 | 1 | 3 | 2 | 0 | 0 | 1 | 1 | 860 |
| 10:00 | 13 | 613 | 69 | 2 | 31 | 13 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 744 |
| 11:00 | 24 | 500 | 62 | 5 | 34 | 6 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 745 |
| 12:00 | 17 | 687 | 77 | 2 | 47 | 12 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 845 |
| 13:00 | 17 | 715 | 70 | 5 | 23 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 836 |
| 14:00 | 17 | 789 | 79 | 2 | 29 | 11 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 931 |
| 15:00 | 25 | 1123 | 87 | 2 | 36 | 22 | 3 | 1 | 5 | 0 | 1 | 0 | 0 | 1336 |
| 16:00 | 22 | 1048 | 84 | 6 | 36 | 24 | 2 | 8 | 2 | 1 | 2 | 0 | 1 | 1236 |
| 17:00 | 28 | 1178 | 74 | 7 | 25 | 30 | 5 | 6 | 3 | 0 | 0 | 2 | 0 | 1366 |
| 18:00 | 28 | 1041 | 55 | 6 | 20 | 23 | 2 | 6 | 2 | 0 | 0 | 1 | 0 | 1184 |
| 19:00 | 16 | 714 | 27 | 4 | 19 | 4 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 780 |
| 20:00 | 8 | 502 | 22 | 1 | 9 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 550 |
| 21:00 | 3 | 407 | 13 | 0 | 8 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 440 |
| 22:00 | 1 | 208 | 8 | 2 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 224 |
| 23:00 | 3 | 63 | 5 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85 |
| TOTAL | 293 | 12988 | 1025 | 65 | 465 | 233 | 18 | 52 | 33 | 6 | 4 | 8 | 4 | 15195 |
| % of Total: | 2% | 85% | 7% | 0% | 3% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |

7 - 9 AM Peak Total
2517

12 - 2 PM Peak Total
1681

4 - 6 PM Peak Total
2592

FHWA Vehicle Classification Scheme

- | | | |
|--------------------------|-------------------------------------|--------------------------------------|
| 1 MOTORCYCLES | 5 TWO AXLE, SIX TIRE SINGLE UNIT | 9 FIVE-AXLE SINGLE TRAILER |
| 2 PASSENGER CARS | 6 THREE AXLE, SINGLE UNIT | 10 SIX OR MORE AXLE, SINGLE TRAILER |
| 3 FOUR TIRE, SINGLE UNIT | 7 FOUR OR MORE AXLE, SINGLE UNIT | 11 FIVE OR LESS AXLE, MULTI TRAILER |
| 4 BUSES | 8 FOUR OR LESS AXLE, SINGLE TRAILER | 12 SIX AXLE, MULTI TRAILER |
| | | 13 SEVEN OR MORE AXLE, MULTI-TRAILER |



QUALITY TRAFFIC DATA, LLC

VEHICLE CLASSIFICATIONS

SAMPLE - SAMPLE (NORTH BOUND)

| | |
|-----------------------|---|
| OTD PROJ./LOC #: | GPS COORDINATES: 0 |
| ON STREET: SAMPLE | START DATE: Wednesday, January 27, 2016 |
| CROSS STREETS: SAMPLE | VICINITY: SAMPLE |

| Time | #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 | #12 | #13 | Total |
|--------------|------------|-------------|------------|-----------|------------|-----------|----------|-----------|----------|----------|----------|----------|----------|-------------|
| 0:00 | 2 | 28 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| 1:00 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 2:00 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 3:00 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 4:00 | 0 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| 5:00 | 0 | 42 | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| 6:00 | 1 | 169 | 15 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 191 |
| 7:00 | 13 | 429 | 38 | 3 | 8 | 7 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 500 |
| 8:00 | 24 | 656 | 48 | 2 | 18 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 772 |
| 9:00 | 7 | 379 | 38 | 1 | 13 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 445 |
| 10:00 | 4 | 287 | 66 | 3 | 32 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 397 |
| 11:00 | 3 | 343 | 87 | 3 | 31 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 382 |
| 12:00 | 2 | 384 | 47 | 1 | 16 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 406 |
| 13:00 | 14 | 413 | 65 | 4 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 514 |
| 14:00 | 6 | 403 | 52 | 2 | 20 | 4 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 486 |
| 15:00 | 1 | 474 | 61 | 1 | 31 | 1 | 3 | 1 | 0 | 0 | 0 | 1 | 0 | 584 |
| 16:00 | 4 | 576 | 73 | 5 | 18 | 8 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 688 |
| 17:00 | 10 | 617 | 53 | 4 | 18 | 8 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 718 |
| 18:00 | 3 | 494 | 41 | 3 | 15 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 562 |
| 19:00 | 6 | 322 | 27 | 6 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 373 |
| 20:00 | 6 | 267 | 15 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 296 |
| 21:00 | 1 | 182 | 14 | 1 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 192 |
| 22:00 | 3 | 81 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 |
| 23:00 | 1 | 46 | 4 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 |
| TOTAL | 114 | 6538 | 760 | 46 | 270 | 70 | 9 | 10 | 1 | 0 | 1 | 3 | 3 | 7822 |
| % of Total: | 1% | 84% | 10% | 1% | 3% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |

7 - 9 AM Peak Total
1272

12 - 2 PM Peak Total
969

4 - 6 PM Peak Total
1406

FHWA Vehicle Classification Scheme

- | | | |
|--------------------------|-------------------------------------|--------------------------------------|
| 1 MOTORCYCLES | 5 TWO AXLE, SIX TIRE SINGLE UNIT | 9 FIVE-AXLE SINGLE TRAILER |
| 2 PASSENGER CARS | 6 THREE AXLE, SINGLE UNIT | 10 SIX OR MORE AXLE, SINGLE TRAILER |
| 3 FOUR TIRE, SINGLE UNIT | 7 FOUR OR MORE AXLE, SINGLE UNIT | 11 FIVE OR LESS AXLE, MULTI TRAILER |
| 4 BUSES | 8 FOUR OR LESS AXLE, SINGLE TRAILER | 12 SIX AXLE, MULTI TRAILER |
| | | 13 SEVEN OR MORE AXLE, MULTI-TRAILER |



QUALITY TRAFFIC DATA, LLC

VEHICLE CLASSIFICATIONS

SAMPLE - SAMPLE (SOUTH BOUND)

| | |
|-----------------------|---|
| QTD PROJ/LOC #: | GPS COORDINATES: |
| ON STREET: SAMPLE | START DATE: Wednesday, January 27, 2018 |
| CROSS STREETS: SAMPLE | VICINITY: SAMPLE |

| Time | #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 | #12 | #13 | Total |
|--------------|------------|-------------|------------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|-------------|
| 0:00 | 0 | 28 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| 1:00 | 0 | 13 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 2:00 | 0 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 3:00 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 4:00 | 0 | 17 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 5:00 | 1 | 62 | 4 | 1 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 63 |
| 6:00 | 3 | 113 | 22 | 1 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 147 |
| 7:00 | 20 | 361 | 53 | 5 | 11 | 3 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 486 |
| 8:00 | 34 | 665 | 39 | 1 | 4 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 748 |
| 9:00 | 21 | 390 | 31 | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 446 |
| 10:00 | 8 | 296 | 33 | 0 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 344 |
| 11:00 | 11 | 335 | 31 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 383 |
| 12:00 | 6 | 328 | 36 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 |
| 13:00 | 9 | 334 | 35 | 0 | 15 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 399 |
| 14:00 | 16 | 375 | 30 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 428 |
| 15:00 | 17 | 506 | 30 | 2 | 9 | 7 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 586 |
| 16:00 | 27 | 528 | 40 | 1 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 605 |
| 17:00 | 22 | 560 | 33 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 626 |
| 18:00 | 13 | 506 | 34 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 557 |
| 19:00 | 16 | 331 | 19 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 371 |
| 20:00 | 4 | 246 | 7 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 281 |
| 21:00 | 4 | 156 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 166 |
| 22:00 | 0 | 85 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91 |
| 23:00 | 0 | 46 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| TOTAL | 232 | 6277 | 501 | 18 | 78 | 44 | 7 | 3 | 0 | 2 | 0 | 2 | 0 | 7165 |
| % of Total: | 3% | 88% | 7% | 0% | 1% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |

7 - 9 AM Peak Total
1204

12 - 2 PM Peak Total
776

4 - 6 PM Peak Total
1228

FHWA Vehicle Classification Scheme

- | | | |
|--------------------------|-------------------------------------|--------------------------------------|
| 1 MOTORCYCLES | 5 TWO AXLE, SIX TIRE SINGLE UNIT | 9 FIVE-AXLE SINGLE TRAILER |
| 2 PASSENGER CARS | 6 THREE AXLE, SINGLE UNIT | 10 SIX OR MORE AXLE, SINGLE TRAILER |
| 3 FOUR TIRE, SINGLE UNIT | 7 FOUR OR MORE AXLE, SINGLE UNIT | 11 FIVE OR LESS AXLE, MULTI TRAILER |
| 4 BUSES | 8 FOUR OR LESS AXLE, SINGLE TRAILER | 12 SIX AXLE, MULTI TRAILER |
| | | 13 SEVEN OR MORE AXLE, MULTI-TRAILER |



QUALITY TRAFFIC DATA, LLC

VEHICLE CLASSIFICATIONS

SAMPLE - SAMPLE (COMBINED)

| | | | |
|-----------------|--------|------------------|-----------------------------|
| QTD PROJ/LOC #: | | GPS COORDINATES: | 0 |
| ON STREET: | SAMPLE | START DATE: | Wednesday, January 27, 2016 |
| CROSS STREETS: | SAMPLE | VICINITY: | SAMPLE |

| Time | #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 | #12 | #13 | Total |
|--------------------|------------|--------------|-------------|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 0:00 | 2 | 54 | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 63 |
| 1:00 | 0 | 25 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 2:00 | 0 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| 3:00 | 0 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 4:00 | 0 | 38 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| 5:00 | 1 | 34 | 7 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 |
| 6:00 | 4 | 282 | 37 | 3 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 338 |
| 7:00 | 33 | 790 | 91 | 8 | 19 | 10 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 956 |
| 8:00 | 58 | 1331 | 87 | 3 | 22 | 15 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 1520 |
| 9:00 | 26 | 769 | 89 | 1 | 13 | 7 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 899 |
| 10:00 | 12 | 583 | 99 | 3 | 36 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 741 |
| 11:00 | 14 | 571 | 123 | 4 | 34 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 765 |
| 12:00 | 8 | 712 | 83 | 2 | 18 | 8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 832 |
| 13:00 | 20 | 797 | 100 | 4 | 21 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 913 |
| 14:00 | 22 | 775 | 82 | 3 | 22 | 8 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 917 |
| 15:00 | 18 | 985 | 88 | 3 | 40 | 8 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 1144 |
| 16:00 | 31 | 1104 | 113 | 6 | 24 | 11 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 1283 |
| 17:00 | 32 | 1177 | 88 | 5 | 20 | 10 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 1341 |
| 18:00 | 16 | 1000 | 76 | 3 | 17 | 5 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1116 |
| 19:00 | 22 | 653 | 66 | 5 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 744 |
| 20:00 | 10 | 513 | 22 | 1 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 556 |
| 21:00 | 4 | 321 | 18 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 356 |
| 22:00 | 3 | 166 | 12 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 184 |
| 23:00 | 1 | 95 | 4 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 106 |
| TOTAL | 346 | 12613 | 1261 | 84 | 348 | 114 | 16 | 13 | 1 | 2 | 1 | 5 | 3 | 14987 |
| % of Total: | 2% | 85% | 8% | 0% | 2% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |

7 - 9 AM Peak Total
2476

12 - 2 PM Peak Total
1745

4 - 6 PM Peak Total
2634

FHWA Vehicle Classification Scheme

- | | | |
|--------------------------|-------------------------------------|--------------------------------------|
| 1 MOTORCYCLES | 5 TWO AXLE, SIX TIRE SINGLE UNIT | 9 FIVE-AXLE SINGLE TRAILER |
| 2 PASSENGER CARS | 6 THREE AXLE, SINGLE UNIT | 10 SIX OR MORE AXLE, SINGLE TRAILER |
| 3 FOUR TIRE, SINGLE UNIT | 7 FOUR OR MORE AXLE, SINGLE UNIT | 11 FIVE OR LESS AXLE, MULTI TRAILER |
| 4 BUSES | 8 FOUR OR LESS AXLE, SINGLE TRAILER | 12 SIX AXLE, MULTI TRAILER |
| | | 13 SEVEN OR MORE AXLE, MULTI-TRAILER |

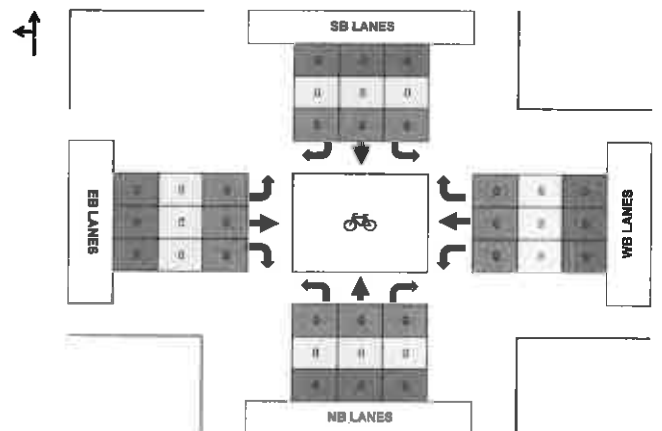
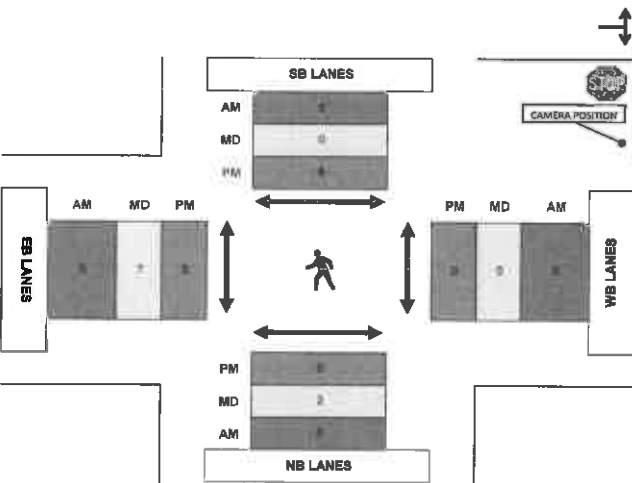
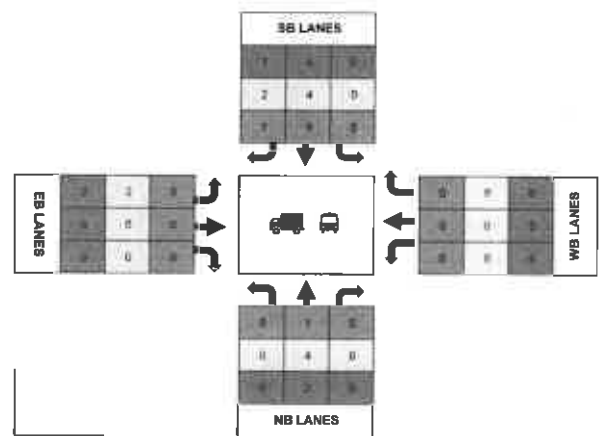
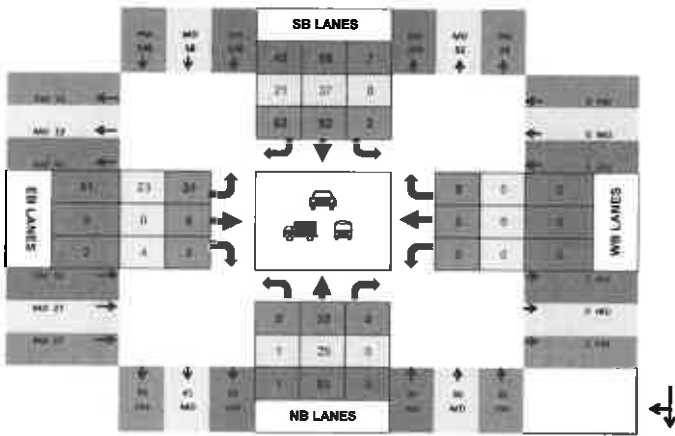


QUALITY TRAFFIC DATA, LLC

SUMMARY PAGE

#0 SAMPLE & SAMPLE

| | | | | | |
|--------------|----------------|---------------|---------------------------|-----------------|-----------------|
| LOCATION: | 0 | DATE: | 0 | AM PEAK HOUR: | 800 AM - 900 AM |
| ADDRESS: | SAMPLE | COUNT DATE: | Tuesday, January 28, 2016 | NO PEAK HOUR: | 230 PM - 330 PM |
| EAST / WEST: | SAMPLE | VICINITY: | SAMPLE | PM PEAK HOUR: | 445 PM - 545 PM |
| WEATHER: | NORMAL / CLEAR | AM TOTAL PIP: | 0.417 | AM PEAK 15 MIN: | 845 AM - 900 AM |
| | | PM TOTAL PIP: | 0.805 | NO PEAK 15 MIN: | 315 PM - 330 PM |
| | | PM TOTAL PIP: | 0.417 | PM PEAK 15 MIN: | 445 PM - 500 PM |



| | | |
|----------|------------|----------|
| COUNTS | | |
| AM COUNT | 7:00 AM TO | 10:00 AM |
| MD COUNT | 1:00 PM TO | 3:30 PM |
| PM COUNT | 4:00 PM TO | 7:00 PM |

VEHICLE TURNING MOVEMENT COUNT

#0 SAMPLE & SAMPLE - AM PEAK

| | |
|--|---|
| LOCATION#: 0 NORTH / SOUTH: SAMPLE EAST / WEST: SAMPLE | QTD PROJ#: 0 DATE: Tuesday, January 26, 2016 VICINITY: SAMPLE |
|--|---|

| DIRECTION: | NL | NT | NR | U | SL | ST | SR | U | EL | ET | ER | U | WL | WT | WR | U | TOTALS |
|------------|----|----|----|---|----|----|----|---|-----|----|-----|---|----|----|----|---|--------|
| LANES: | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0.5 | 0 | 0.5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 AM | 1 | 5 | 0 | 1 | 0 | 2 | 2 | 0 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 16 |
| 7:15 AM | 0 | 12 | 0 | 0 | 0 | 2 | 0 | 1 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 23 |
| 7:30 AM | 0 | 13 | 0 | 0 | 0 | 2 | 5 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 7:45 AM | 0 | 19 | 0 | 0 | 0 | 9 | 1 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 |
| 8:00 AM | 0 | 1 | 0 | 0 | 0 | 6 | 4 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| 8:15 AM | 1 | 7 | 0 | 0 | 0 | 3 | 5 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| 8:30 AM | 0 | 13 | 0 | 0 | 0 | 10 | 12 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 |
| 8:45 AM | 0 | 26 | 0 | 0 | 0 | 28 | 21 | 1 | 18 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 96 |
| 9:00 AM | 0 | 10 | 0 | 0 | 0 | 8 | 2 | 1 | 8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 |
| 9:15 AM | 0 | 4 | 0 | 0 | 0 | 2 | 2 | 0 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 14 |
| 9:30 AM | 0 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 9:45 AM | 0 | 10 | 0 | 0 | 0 | 7 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |

| VOLUME STATS: | NL | NT | NR | U | SL | ST | SR | U | EL | ET | ER | U | WL | WT | WR | U | TOTALS |
|---------------|----|-----|-------|---|----|----|-------|---|----|----|-------|---|----|----|-------|---|--------|
| TOTAL: | 2 | 154 | 0 | 1 | 0 | 86 | 56 | 9 | 94 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 409 |
| P.H.V: | 1 | 80 | 0 | 0 | 0 | 52 | 42 | 7 | 51 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 235 |
| P.H.F: | | | 0.723 | | | | 0.505 | | | | 0.663 | | | | 0.000 | | 0.612 |

- (1) Peak Hour Volume (Peak Hour - 800 AM - 900 AM)
- (2) Peak Hour Factor (directional aggregate)
- (3) Peak 15m: 845 AM - 900 AM



QUALITY TRAFFIC DATA, LLC

VEHICLE TURNING MOVEMENT COUNT

#0 SAMPLE & SAMPLE - MD PEAK

| | |
|------------------------------|--|
| LOCATION#: 0 | OTD PROJ#: 0 |
| NORTH / SOUTH: SAMPLE | DATE: Tuesday, January 28, 2016 |
| EAST / WEST: SAMPLE | VICINITY: SAMPLE |

| DIRECTION: | NL | NT | NR | U | SL | ST | SR | U | EL | ET | ER | U | WL | WT | WR | U | TOTALS |
|----------------|----|----|----|---|----|----|----|---|-----|----|-----|---|----|----|----|---|--------|
| LANES: | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0.5 | 0 | 0.5 | 0 | 0 | 0 | 0 | 0 | |
| 1:30 PM | 0 | 4 | 0 | 0 | 0 | 7 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 1:45 PM | 0 | 5 | 0 | 0 | 0 | 6 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 15 |
| 2:00 PM | 0 | 6 | 0 | 0 | 0 | 4 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 2:15 PM | 0 | 3 | 0 | 0 | 0 | 5 | 4 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| 2:30 PM | 0 | 5 | 0 | 0 | 0 | 7 | 3 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 |
| 2:45 PM | 0 | 5 | 0 | 0 | 0 | 7 | 7 | 0 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 27 |
| 3:00 PM | 0 | 7 | 0 | 0 | 0 | 4 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 3:15 PM | 1 | 8 | 0 | 0 | 0 | 10 | 3 | 0 | 8 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 32 |

| VOLUME STATS: | NL | NT | NR | U | SL | ST | SR | U | EL | ET | ER | U | WL | WT | WR | U | TOTALS |
|---------------|----|-------|----|---|----|-------|----|---|----|-------|----|---|----|-------|----|---|--------|
| TOTAL: | 1 | 43 | 0 | 0 | 0 | 55 | 27 | 0 | 35 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 166 |
| P.H.V: | 1 | 25 | 0 | 0 | 0 | 33 | 19 | 0 | 21 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 103 |
| P.H.F: | | 0.722 | | | | 0.867 | | | | 0.625 | | | | 0.000 | | | 0.805 |

- (1) Peak Hour Volume (Peak Hour - 230 PM - 330 PM)
- (2) Peak Hour Factor (directional aggregate)
- (3) Peak 15m: 315 PM - 330 PM



VEHICLE TURNING MOVEMENT COUNT

#0 SAMPLE & SAMPLE - PM PEAK

| | |
|--|---|
| LOCATION#: 0 NORTH / SOUTH: SAMPLE EAST / WEST: SAMPLE | QTD PROJ#: 0 DATE: Tuesday, January 26, 2016 VICINITY: SAMPLE |
|--|---|

| DIRECTION: | NL | NT | NR | U | SL | ST | SR | U | EL | ET | ER | U | WL | WT | WR | U | TOTALS |
|------------|----|----|----|---|----|----|----|---|-----|----|-----|---|----|----|----|---|--------|
| LANES: | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0.5 | 0 | 0.5 | 0 | 0 | 0 | 0 | 0 | |
| 4:00 PM | 0 | 5 | 0 | 0 | 0 | 17 | 4 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 28 |
| 4:15 PM | 2 | 5 | 0 | 0 | 0 | 9 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| 4:30 PM | 0 | 13 | 0 | 0 | 0 | 17 | 4 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| 4:45 PM | 0 | 5 | 0 | 0 | 0 | 29 | 17 | 2 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 63 |
| 5:00 PM | 0 | 11 | 0 | 0 | 0 | 13 | 11 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 47 |
| 5:15 PM | 0 | 5 | 0 | 0 | 0 | 14 | 12 | 0 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 51 |
| 5:30 PM | 0 | 10 | 0 | 0 | 0 | 11 | 11 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| 5:45 PM | 0 | 8 | 0 | 0 | 0 | 22 | 11 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| 6:00 PM | 1 | 4 | 0 | 1 | 0 | 15 | 7 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| 6:15 PM | 1 | 6 | 0 | 0 | 0 | 12 | 3 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 6:30 PM | 0 | 11 | 0 | 0 | 0 | 12 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 6:45 PM | 1 | 5 | 0 | 0 | 0 | 15 | 4 | 0 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 |

| VOLUME STATS: | NL | NT | NR | U | SL | ST | SR | U | EL | ET | ER | U | WL | WT | WR | U | TOTALS |
|---------------|----|----|-------|---|----|-----|-------|---|----|----|-------|---|----|----|-------|---|--------|
| TOTAL: | 5 | 91 | 0 | 1 | 0 | 211 | 87 | 3 | 54 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 457 |
| P.H.V: 1 | 0 | 34 | 0 | 0 | 0 | 92 | 51 | 2 | 24 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 206 |
| P.H.F: 2 | | | 0.773 | | | | 0.755 | | | | 0.675 | | | | 0.000 | | 0.817 |

(1) Peak Hour Volume (Peak Hour - 445 PM - 545 PM)

(2) Peak Hour Factor (directional aggregate)

(3) Peak 15m: 445 PM - 500 PM



QUALITY TRAFFIC DATA, LLC