

STATE OF ALASKA REQUEST FOR PROPOSALS



QUALITY ASSURANCE ROAD INSPECTIONS

RFP 2519H032

ISSUED JANUARY 31, 2019

The Department of Transportation and Public Facilities (DOT&PF) is soliciting proposals for the inspection, assessment, and documentation of road conditions throughout the State of Alaska.

ISSUED BY:

DEPARTMENT OF TRANSPORTATION AND PUBLIC
FACILITIES
DIVISION OF ADMINISTRATIVE SERVICES

PRIMARY CONTACT:

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(907) 465-8446

OFFERORS ARE NOT REQUIRED TO RETURN THIS FORM.

IMPORTANT NOTICE: IF YOU RECEIVED THIS SOLICITATION FROM THE STATE OF ALASKA'S "ONLINE PUBLIC NOTICE" WEB SITE, YOU MUST REGISTER WITH THE PROCUREMENT OFFICER LISTED IN THIS DOCUMENT TO RECEIVE SUBSEQUENT AMENDMENTS. FAILURE TO CONTACT THE PROCUREMENT OFFICER MAY RESULT IN THE REJECTION OF YOUR OFFER.

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SECTION 1. INTRODUCTION & INSTRUCTIONS

SEC. 1.01 PURPOSE OF THE RFP

The Department of Transportation and Public Facilities (DOT&PF) is soliciting services for the inspection, assessment, and documentation of road conditions for 3,000 randomly selected one-tenth mile long road segments maintained by the Department across the State of Alaska. The road condition information gathered under this contract will then be incorporated into the State's Maintenance Management Systems (MMS) by DOT&PF staff. The data will be used to help determine the overall condition of the state's road system.

SEC. 1.02 BUDGET

Department of Transportation & Public Facilities, Maintenance and Operations, estimates a budget of between \$1,000,000 and \$1,300,000 for completion of the project. Proposals priced at more than \$1,300,000 will be considered non-responsive.

Payment for the contract is subject to funds already appropriated and identified.

SEC. 1.03 DEADLINE FOR RECEIPT OF PROPOSALS

Proposals must be received no later than 2:00PM prevailing Alaska Time on February 26, 2019. Faxed or emailed proposals are acceptable but not encouraged. Oral proposals are not acceptable.

SEC. 1.04 MINIMUM REQUIREMENTS

In order for offerors to be considered responsive they **must provide evidence in writing** that they meet the following minimum prior experience requirements:

- Each field assessment member **must have at least one (1) year of recent experience** performing highway maintenance or construction operations in Alaska or similar regions.
- At least one member of each field assessment team **must have at least ten (10) years of experience** performing highway maintenance or construction operations in Alaska or similar regions.

In addition, offerors **must provide evidence in writing** that the following equipment requirements will be met:

- Each assessment team shall have an appropriately equipped vehicle suitable for use on Alaska's roads. A pickup truck or SUV is recommended. Each vehicle shall be equipped with an accurate distance-measuring instrument (DMI) such as a Microdynamics DOT-Z1, and other equipment as required for safe and efficient operation on roadways in urban and rural areas. All vehicles must be appropriately registered and insured in the State of Alaska.
- For locations off the contiguous road system, the contractor must be able to utilize local transportation resources to accomplish the work such as passenger cars, trucks or four-wheelers. In no case should the Department be expected to provide a vehicle or ground transportation.

An offeror's failure to meet these minimum requirements may cause their proposal to be considered non-responsive and their proposal may be rejected.

SEC. 1.05 REQUIRED REVIEW

Offerors should carefully review this solicitation for defects and questionable or objectionable material. Comments concerning defects and objectionable material must be made in writing and received by the procurement officer at least ten days before the deadline for receipt of proposals. This will allow time for the issuance of any necessary amendments. It will also help prevent the opening of a defective solicitation and exposure of offeror's proposals upon which award could not be made. Protests based on any omission or error, or on the content of the solicitation, will be disallowed if these faults have not been brought to the attention of the procurement officer, in writing, at least ten days before the deadline for receipt of proposals.

SEC. 1.06 QUESTIONS PRIOR TO DEADLINE FOR RECEIPT OF PROPOSALS

All questions must be in writing and directed to the procurement officer. The interested party must confirm telephone conversations in writing.

Two types of questions generally arise. One may be answered by directing the questioner to a specific section of the RFP. These questions may be answered over the telephone. Other questions may be more complex and may require a written amendment to the RFP. The procurement officer will make that decision.

PROCUREMENT OFFICER:	Paul Nakachi	PHONE:	907-465-8446
EMAIL:	paul.nakachi@alaska.gov	FAX:	907-465-3124

SEC. 1.07 RETURN INSTRUCTIONS

Offerors must submit one original and three copies of their proposal, in writing, and one CD or flash drive containing an electronic copy of the entire proposal to the procurement officer in a sealed package. **The cost proposal included with the package must be sealed separately** from the rest of the proposal and must be clearly identified. The sealed proposal package(s) must be addressed as follows:

Emailed, faxed or oral proposals **will not be accepted.**

Department of Transportation and Public Facilities
Statewide Procurement
Attention: Paul Nakachi
Request for Proposal (RFP) Number: 2519H032
RFP Title: Quality Assurance Road Inspections

If using U.S. mail to submit the proposal, please use the following mailing address:

PO Box 112500
Juneau, AK 99811-2500

If using a delivery service, please use the following physical address:

3132 Channel Drive
Room 350
Juneau, AK 99801-3134

IMPORTANT NOTE: There is no true overnight express mail or courier delivery to Juneau, Alaska. Due to weather, scheduling, and location, all expedited mail services take at least 2 nights. This is true for USPS as well as courier vendors such as Federal Express.

SEC. 1.08 PROPOSAL CONTENTS

The following information must be included in all proposals.

(a) AUTHORIZED SIGNATURE

All proposals must be signed by an individual authorized to bind the offeror to the provisions of the RFP. Proposals must remain open and valid for at least 90-days from the date set as the deadline for receipt of proposals.

(b) OFFEROR'S CERTIFICATION

By signature on the proposal, offerors certify that they comply with the following:

- A. the laws of the State of Alaska;
- B. the applicable portion of the Federal Civil Rights Act of 1964;
- C. the Equal Employment Opportunity Act and the regulations issued thereunder by the federal government;
- D. the Americans with Disabilities Act of 1990 and the regulations issued thereunder by the federal government;
- E. all terms and conditions set out in this RFP;
- F. a condition that the proposal submitted was independently arrived at, without collusion, under penalty of perjury;
- G. that the offers will remain open and valid for at least 90 days; and
- H. that programs, services, and activities provided to the general public under the resulting contract conform with the Americans with Disabilities Act of 1990, and the regulations issued thereunder by the federal government.

If any offeror fails to comply with [a] through [h] of this paragraph, the state reserves the right to disregard the proposal, terminate the contract, or consider the contractor in default.

(c) VENDOR TAX ID

A valid Vendor Tax ID must be submitted to the issuing office with the proposal or within five days of the state's request.

(d) CONFLICT OF INTEREST

Each proposal shall include a statement indicating whether or not the firm or any individuals working on the contract has a possible conflict of interest (e.g., currently employed by the State of Alaska or formerly employed by the State of Alaska within the past two years) and, if so, the nature of that conflict. The Commissioner of the Department of Transportation and Public Facilities reserves the right to **consider a proposal non-responsive and**

reject it or cancel the award if any interest disclosed from any source could either give the appearance of a conflict or cause speculation as to the objectivity of the program to be developed by the offeror. The Commissioner's determination regarding any questions of conflict of interest shall be final.

(e) FEDERAL REQUIREMENTS

The offeror must identify all known federal requirements that apply to the proposal, the evaluation, or the contract.

SEC. 1.09 ASSISTANCE TO OFFERORS WITH A DISABILITY

Offerors with a disability may receive accommodation regarding the means of communicating this RFP or participating in the procurement process. For more information, contact the procurement officer no later than ten days prior to the deadline for receipt of proposals.

SEC. 1.10 AMENDMENTS TO PROPOSALS

Amendments to or withdrawals of proposals will only be allowed if acceptable requests are received prior to the deadline that is set for receipt of proposals. No amendments or withdrawals will be accepted after the deadline unless they are in response to the state's request in accordance with 2 AAC 12.290.

SEC. 1.11 AMENDMENTS TO THE RFP

If an amendment is issued, it will be provided to all who were mailed a copy of the RFP and to those who have registered with the procurement officer after receiving the RFP from the State of Alaska Online Public Notice web site.

SEC. 1.12 RFP SCHEDULE

The RFP schedule set out herein represents the State of Alaska's best estimate of the schedule that will be followed. If a component of this schedule, such as the deadline for receipt of proposals, is delayed, the rest of the schedule may be shifted by the same number of days.

- | | |
|---|-------------------|
| • Issue RFP | January 31, 2019 |
| • Pre-proposal conference on | February 12, 2019 |
| • Deadline for Receipt of Proposals | February 26, 2019 |
| • Proposal Evaluation Committee evaluation complete | February 28, 2019 |
| • State of Alaska issues Notice of Intent to Award a Contract | March 1, 2019 |
| • State of Alaska issues contract | March 14, 2019 |
| • Contract start | March 15, 2019 |

This RFP does not, by itself, obligate the state. The state's obligation will commence when the contract is approved by the Commissioner of the Department of Transportation and Public Facilities, or the Commissioner's designee. Upon written notice to the contractor, the state may set a different starting date for the contract. The state will not be responsible for any work done by the contractor, even work done in good faith, if it occurs prior to the contract start date set by the state.

SEC. 1.13 PRE-PROPOSAL CONFERENCE

A pre-proposal conference will be held at 10:30 AM, Alaska Time, on February 12, 2019 in the small conference room on the third floor of the DOT 3 mile building in Juneau, Alaska. The purpose of the conference is to discuss the work to be performed with the prospective offerors and allow them to ask questions concerning the RFP. Questions and answers will be transcribed and sent to prospective offerors as soon as possible after the meeting.

Offerors with a disability needing accommodation should contact the procurement officer prior to the date set for the pre-proposal conference so that reasonable accommodation can be made.

SEC. 1.14 ALTERNATE PROPOSALS

Offerors may only submit one proposal for evaluation.

In accordance with 2 AAC 12.830 alternate proposals (proposals that offer something different than what is asked for) will be rejected.

SEC. 1.15 NEWS RELEASES

News releases related to this RFP will not be made without prior approval of the Project Manager.

SECTION 2. BACKGROUND INFORMATION

SEC. 2.01 BACKGROUND INFORMATION

In order to help accomplish the Department of Transportation and Public Facilities (DOT&PF) mission to “Keep Alaska moving through Service and Infrastructure,” the Department uses a statewide asset management program called the Maintenance Management System (MMS). Part of this program is a proactive transportation asset management module called Quality Assurance (QA), which involves inventory and assessment of a random sample of Alaska’s state-maintained road network, and the extrapolation of the results collected from those sample road segments to approximate the condition of the entire state-maintained road network. The MMS QA module generates a random list of segments, typically 3,000, though this may change with priorities. Each segment is one tenth of a mile long. The purpose of the QA program is to enhance the Department’s asset management program through inspections, inventory of certain assets and documentation of the work accomplished. This program is used to justify and prioritize approximately \$300 million per year of Federal highway funding received by the State of Alaska.

SECTION 3.SCOPE OF WORK & CONTRACT INFORMATION

SEC. 3.01 SCOPE OF WORK

The State of Alaska Department of Transportation & Public Facilities, Division of Maintenance and Operations (DOT&PF, M&O), is seeking a contractor to accurately conduct Quality Assurance inspections on randomly selected road segments throughout the State of Alaska. The data gathered in these inspections will be a key part of road maintenance planning, and requires the accurate assessment of the selected segments. All work shall be conducted in accordance with the Department's MMS Quality Assurance Program Manual. For the initial term of the contract, there are 3,000 one-tenth mile road segments to be inspected. The amount and location of segments to be inspected is subject to yearly change.

Safety

The safety of the contractor's employees, traffic and the general public is paramount. The contractor shall comply with the Manual on Uniform Traffic Control Devices:

https://mutcd.fhwa.dot.gov/kno_2009r1r2.htm

The contractor shall not work in hazardous work conditions such as storms, fog, heavy rain, snow covered roads, icy roads and whiteout conditions. The contractor will keep the DOT&PF Project Manager informed of hazardous road conditions and days not worked due to hazardous road conditions.

Contractor Assessment Team(s)

All inspections shall be done by one or more assessment teams. It is recommended, but not required, that multiple, independent teams be used to conduct these inspections. For most road segments, including those on the contiguous road system, the team shall be composed of a minimum of two inspectors. For road segments in remote areas, the DOT&PF Project Manager may approve the use of a single inspector to conduct assessments. In any case, assessment teams shall be responsible for conducting all road inspections and measurements in accordance with the current Quality Assurance Program Manual (example attached), synchronizing data, and filling out Daily Reports. The contractor's assessment teams will work closely with the DOT&PF staff, including the Project Manager, and regional and district maintenance staff, for guidance and coordination of work.

Contractor Equipment

Each assessment team shall utilize an appropriately equipped vehicle suitable for use on Alaska's roads as described in 1.04. A pickup truck or SUV is recommended for all locations where such transportation is available.

Work Location and Travel

Of the selected segments, approximately 20% have historically been located on remote roads (i.e. not on the contiguous road system) requiring alternate means of travel. For the purpose of this contract Juneau, Alaska, is the only location not on the connected highway system which is not considered remote.

The offeror shall be responsible for making all travel arrangements and providing transportation to and from each inspection area.

Contractor Work Schedule

The contractor may work weekends and holidays, and generally set their own hours and schedule. The overall work season is March 30 through August 15. Inspections may not be performed in the presence of snow or wintry conditions. Contractor shall work with Project Manager in the event that inspections cannot be completed due to weather to establish feasibility of pursuing inspections at a later date. Should return trips be required to finish inspections, the contractors fixed fee for segment inspections shall apply and costs for travel will be reimbursed by the State for any inspections performed after August 15. Contractor shall be held harmless for inspections that cannot be safely completed by August 15 for each contract year with respect to any liquidated damages.

TASKS**Task 1: Annual Mandatory Training and Kick off Meeting**

Prior to the contractor commencing work for the contract work season the assessment team supervisor and assessment team(s) are required to attend the Annual Kick off Meeting, which includes a training session. For each road inspection season, all inspectors will be expected to attend annual training. The course is led by State of Alaska DOT&PF M&O personnel. The course is up to two (2) continuous days and held in Anchorage around the last week of March each year. For the 2019 contract term, the training course will be held on March 28 and 29, in Anchorage.

The contractor will bring at least one vehicle to the training course and demonstrate the calibration process for the DMI. The contractor will be required to conduct two inspections, at sites selected by the Project Manager, under the supervision of Department staff during the training course.

The contractor will also be provided a copy of the departments current MMS QA Program Manual at the meeting, to be used during the training. See section 8: Attachments. The contractor shall demonstrate setup and use of the Department-provided Trimble tablet computers, which will contain the sites designated for inspection. Data is to be entered into the tablets to the satisfaction of Department staff.

Task 2: Assessment and Inspection of Road Segments

All inspections shall be performed in accordance with the Department's Quality Assurance Program Manual, using the provided Trimble tablet computers and installed Esri Collector for ArcGIS software. The tablet computers provide a GPS-enabled map, allowing easy location of each inspection site. Each site inspection shall consist of the collection of approximately 20 attributes, such as roadway width, number of signs and length of ditches; the collection of required photographs; and documentation of any unusual or critical situations observed.

In the event that the tablet computers require technical support, that shall be coordinated through the Project Manager. If the issue cannot be resolved directly, the Project Manager may direct the contractor to continue inspections using paper forms, which will be provided. Inspections conducted on the forms must be re-recorded in the tablet computers as soon as they return to service.

The tablet computers **must** be synchronized with the cloud-based server on a regular basis to ensure the integrity of collected data. This must be done at least weekly, however daily synchronization is the preferred norm. Whenever prompt synchronization is not possible, it must be noted in the daily inspection report.

Task 2.1 Segment Measurements

The following measurements and counts are to be conducted at each inspection site:

- Road and shoulder width
- Surface condition of paved and gravel surfaces
- Pavement striping and markings
- Culverts and culvert condition
- Guardrail and guardrail condition
- Ditches and ditch condition
- Vegetation
- Signs and sign condition
- Site photos

All measurements and inspections must be performed in accordance with the Manual. The Manual may be updated between inspection seasons, and an updated copy will be provided to the contractor.

Task 2.2 Photographs

The following photos are to be considered at each inspection site:

- 'A' photo looking up-station (i.e. from mile 1 towards mile 100), required)
- 'B' photo looking down-station (required)
- 'C' photo of any unusual conditions or problems
- 'P' photo of a damaged culvert, if any
- 'V' photo of typical vegetation (required)

Task 3: Daily Inspection Reports

The contractor shall maintain a daily inspection report for every day of inspection for each assessment team, indicating the team's progress with a list of sites completed, labor hours, problems, observations, thoughts, and suggestions. The report should also note times of data synchronization to the cloud-based server. If any problems are encountered that threaten the integrity of the data or the inspection process, that shall be reported directly to the Project Manager as soon as practicable and in all cases, at least by the next business day.

Task 4: MMS QA Data Submission

Upon completion of all required inspections, the contractor will return the tablet computers to the Department Project Manager, as well as a complete log of daily reports for each assessment team, no later than August 15th of each contract year. **The state reserves the right to withhold liquidated damages if this deadline is not met.**

Task 5: Lessons Learned Meeting

After each inspection season, the Department's Project Manager may, at his discretion, schedule a debriefing meeting with contractor representatives in Anchorage to discuss any issues discovered during the performance of that year's inspections and what potential solutions there may be. At least one inspector and the contractor's Project Manager will be required to attend.

SEC. 3.02 CONTRACT TERM AND WORK SCHEDULE

The length of the contract will be from the date of award, approximately March 1, 2019 through February 28, 2020.

The approximate contract schedule is as follows:

First contractor work period March 28-29 (kickoff meeting and training), with inspections to begin immediately after,

Quality Assurance inspections from March 30 – August 15,

Contractor submits final data download August 15,

Contractor attends Lessons Learned meeting in October (date TBD),

Contractor submits formal response to any issues raised from Lessons Learned meeting within 15 days of meeting.

Unless otherwise provided in this RFP, the State and the successful offeror/contractor agree: (1) that any holding over of the contract excluding any exercised renewal options, will be considered as a month-to-month extension, and all other terms and conditions shall remain in full force and effect and (2) to provide written notice to the other party of the intent to cancel such month-to-month extension at least 30-days before the desired date of cancellation.

SEC. 3.03 DELIVERABLES

The contractor will be required to provide the following deliverables:

Deliverable # 1:

- Attend Annual Mandatory Training and Kick off meeting.

Deliverable # 2:

- Segment measurements and photographs for each road segment per the Quality Assurance Program Manual.
- Synchronization to cloud-based server of all inspection data.

Deliverable # 3:

- Daily inspection reports.

Deliverable # 4:

- Complete submission of all data by August 15th of each contract year.

Deliverable # 5:

- Attend annual Lessons Learned Meeting.
- Formal response (if required) within 15 days of Lessons Learned Meeting.

SEC. 3.04 CONTRACT TYPE

This contract is fixed price contract with cost adjustments.

SEC. 3.05 PRICE ADJUSTMENTS

Contract rates will remain firm through December 31, 2019. Annually the contractor may request a price adjustment. The contractor must request price adjustments, in writing, 30 days prior to the contract renewal date. If a contractor fails to request a price adjustment 30 days prior to the adjustment date, the adjustment will be effective 30 days after the state receives and approves their written request

Price adjustments will be made in accordance with the percentage change in the U.S. Department of Labor Consumer Price Index, CPI-All Urban Consumers, All Items, Urban Alaska Area.

The price adjustment rate will be determined by comparing the percentage difference between the CPI in effect for the base year six-month average July through December 2018 and each July through December six-month average thereafter. The percentage difference between those two CPI issues will be the price adjustment rate. No retroactive contract price adjustments will be allowed.

SEC. 3.06 PROPOSED PAYMENT PROCEDURES

The state will pay the entire contract amount in **two** equal payments. Each incremental payment will be made after 50% or **1,500** of the 3,000 inspections have been completed and approved by the Project Manager. The final payment will not be made until the entire contract, including 100% or **3,000** of the inspections, the Lessons Learned Meeting and any report required are completed and approved by the Project Manager. The state will adjust final payment to reflect number of inspections actually completed.

SEC. 3.07 CONTRACT PAYMENT

No payment will be made until the contract is approved by the Commissioner of the Department of Transportation And Public Facilities or the Commissioner's designee. Under no conditions will the state be liable for the payment of any interest charges associated with the cost of the contract.

The state is not responsible for and will not pay local, state, or federal taxes. All costs associated with the contract must be stated in U.S. currency.

SEC. 3.08 LOCATION OF WORK

The location work is to be performed is at various road and roadside locations throughout the State of Alaska.

The state will not provide workspace for the contractor. The contractor must provide its own workspace.

By signature on their proposal, the offeror certifies that all services provided under this contract by the contractor and all subcontractors shall be performed in the United States.

If the offeror cannot certify that all work will be performed in the United States, the offeror must contact the procurement officer in writing to request a waiver at least 10 days prior to the deadline for receipt of proposals.

The request must include a detailed description of the portion of work that will be performed outside the United States, where, by whom, and the reason the waiver is necessary.

Failure to comply with these requirements may cause the state to reject the proposal as non-responsive, or cancel the contract.

SEC. 3.09 SUBCONTRACTORS

Subcontractors may be used to perform work under this contract. If an offeror intends to use subcontractors, the offeror must identify in the proposal the names of the subcontractors and the portions of the work the subcontractors will perform.

Subcontractor experience shall be considered in determining whether the offeror meets the requirements set forth in **SEC. 1.04 PRIOR EXPERIENCE**.

If a proposal with subcontractors is selected, the offeror must provide the following information concerning each prospective subcontractor within five working days from the date of the state's request:

- complete name of the subcontractor;
- complete address of the subcontractor;
- type of work the subcontractor will be performing;
- percentage of work the subcontractor will be providing;
- evidence that the subcontractor holds a valid Alaska business license; and
- a written statement, signed by each proposed subcontractor that clearly verifies that the subcontractor is committed to render the services required by the contract.

An offeror's failure to provide this information, within the time set, may cause the state to consider their proposal non-responsive and reject it. The substitution of one subcontractor for another may be made only at the discretion and prior written approval of the Project Manager.

SEC. 3.10 JOINT VENTURES

Joint ventures will not be allowed.

SEC. 3.11 RIGHT TO INSPECT PLACE OF BUSINESS

At reasonable times, the state may inspect those areas of the contractor's place of business that are related to the performance of a contract. If the state makes such an inspection, the contractor must provide reasonable assistance.

SEC. 3.12 F.O.B. POINT

All goods purchased through this contract will be F.O.B. final destination. Unless specifically stated otherwise, all prices offered must include the delivery costs to any location within the State of Alaska.

SEC. 3.13 CONTRACT PERSONNEL

Any change of the project team members or subcontractors named in the proposal must be approved, in advance and in writing, by the Project Manager. Personnel changes that are not approved by the state may be grounds for the state to terminate the contract.

SEC. 3.14 INSPECTION & MODIFICATION - REIMBURSEMENT FOR UNACCEPTABLE DELIVERABLES

The contractor is responsible for the completion of all work set out in the contract. All work is subject to inspection, evaluation, and approval by the Project Manager. The state may employ all reasonable means to ensure that the work is progressing and being performed in compliance with the contract. The Project Manager may instruct the contractor to make corrections or modifications if needed in order to accomplish the contract's intent. The contractor will not unreasonably withhold such changes.

Substantial failure of the contractor to perform the contract may cause the state to terminate the contract. In this event, the state may require the contractor to reimburse monies paid (based on the identified portion of unacceptable work received) and may seek associated damages.

SEC. 3.15 LIQUIDATED DAMAGES

The state will include liquidated damages in this contract to assure its timely completion. The amount of actual damages will be difficult to determine. For the purposes of this contract the state has set the rate of liquidated damages at \$100 dollars per day. This amount is based on the need to: perform Departmental quality control checks on the contractor's inspection results; and to examine the complete data and compile a report to Headquarters and the Legislature. This report is used to justify and prioritize approximately \$300 million/year in Federal-aid highway funding. If the contractor fails to submit the complete inspection reports, the State will begin to collect liquidated damages on August 16, 2019 and will continue to collect them until the completed inspection reports are submitted in their entirety. Liquidated damages shall not apply to any portion of work performed after August 15 due to weather per Work Schedule in 3.01.

SEC. 3.16 CONTRACT CHANGES - UNANTICIPATED AMENDMENTS

During the course of this contract, the contractor may be required to perform additional work. That work will be within the general scope of the initial contract. When additional work is required, the Project Manager will provide the contractor a written description of the additional work and request the contractor to submit a firm time schedule for accomplishing the additional work and a firm price for the additional work. Cost and pricing data must be provided to justify the cost of such amendments per AS 36.30.400.

The contractor will not commence additional work until the Project Manager has secured any required state approvals necessary for the amendment and issued a written contract amendment, approved by the Commissioner of the Department of Transportation and Public Facilities or the Commissioner's designee.

SEC. 3.17 NONDISCLOSURE AND CONFIDENTIALITY

Contractor agrees that all confidential information shall be used only for purposes of providing the deliverables and performing the services specified herein and shall not disseminate or allow dissemination of confidential information except as provided for in this section. The contractor shall hold as confidential and will use reasonable care (including both facility physical security and electronic security) to prevent unauthorized access by, storage, disclosure, publication, dissemination to and/or use by third parties of, the confidential information. "Reasonable care" means compliance by the contractor with all applicable federal and state law, including the Social Security Act and HIPAA. The contractor must promptly notify the state in writing if it becomes aware of any storage, disclosure, loss, unauthorized access to or use of the confidential information.

Confidential information, as used herein, means any data, files, software, information or materials (whether prepared by the state or its agents or advisors) in oral, electronic, tangible or intangible form and however stored, compiled or memorialized that is classified confidential as defined by State of Alaska classification and categorization guidelines provided by the state to the contractor or a contractor agent or otherwise made available to the contractor or a contractor agent in connection with this contract, or acquired, obtained or learned by the contractor or a contractor agent in the performance of this contract. Examples of confidential information include, but are not limited to: technology infrastructure, architecture, financial data, trade secrets, equipment specifications, user lists, passwords, research data, and technology data (infrastructure, architecture, operating systems, security tools, IP addresses, etc).

Additional information that the contractor shall hold as confidential during the performance of services under this contract include:

If confidential information is requested to be disclosed by the contractor pursuant to a request received by a third party and such disclosure of the confidential information is required under applicable state or federal law, regulation, governmental or regulatory authority, the contractor may disclose the confidential information after providing the state with written notice of the requested disclosure (to the extent such notice to the state is permitted by applicable law) and giving the state opportunity to review the request. If the contractor receives no objection from the state, it may release the confidential information within 30 days. Notice of the requested disclosure of confidential information by the contractor must be provided to the state within a reasonable time after the contractor's receipt of notice of the requested disclosure and, upon request of the state, shall seek to obtain legal protection from the release of the confidential information.

The following information shall not be considered confidential information: information previously known to be public information when received from the other party; information freely available to the general public; information which now is or hereafter becomes publicly known by other than a breach of confidentiality hereof; or information which is disclosed by a party pursuant to subpoena or other legal process and which as a result becomes lawfully obtainable by the general public.

SEC. 3.18 INSURANCE REQUIREMENTS

The successful offeror must provide proof of workers' compensation insurance prior to contract approval.

The successful offeror must secure the insurance coverage required by the state. The coverage must be satisfactory to the Department of Administration Division of Risk Management. An offeror's failure to provide evidence of such insurance coverage is a material breach and grounds for withdrawal of the award or termination of the contract.

Offerors must review form **APPENDIX B1**, attached, for details on required coverage. No alteration of these requirements will be permitted without prior written approval from the Department of Administration, Division of Risk Management. Objections to any of the requirements in **APPENDIX B1** must be set out in the offeror's proposal.

SEC. 3.19 TERMINATION FOR DEFAULT

If the Project Manager determines that the contractor has refused to perform the work or has failed to perform the work with such diligence as to ensure its timely and accurate completion, the state may, by providing

written notice to the contractor, terminate the contractor's right to proceed with part or all of the remaining work.

This clause does not restrict the state's termination rights under the contract provisions of Appendix A, attached in **SECTION 8. ATTACHMENTS**.

SECTION 4. PROPOSAL FORMAT AND CONTENT

SEC. 4.01 PROPOSAL FORMAT AND CONTENT

The state discourages overly lengthy and costly proposals, however, in order for the state to evaluate proposals fairly and completely, offerors must follow the format set out in this RFP and provide all information requested.

SEC. 4.02 INTRODUCTION

Proposals must include the complete name and address of offeror's firm and the name, mailing address, and telephone number of the person the state should contact regarding the proposal.

Proposals must confirm that the offeror will comply with all provisions in this RFP. Proposals must be signed by a company officer empowered to bind the company. An offeror's failure to include these items in the proposals may cause the proposal to be determined to be non-responsive and the proposal may be rejected.

SEC. 4.03 UNDERSTANDING OF THE PROJECT

Offerors must provide comprehensive narrative statements that illustrate their understanding of the requirements of the project and the project schedule.

SEC. 4.04 METHODOLOGY USED FOR THE PROJECT

Offerors must provide comprehensive narrative statements that set out the methodology they intend to employ and illustrate how the methodology will serve to accomplish the work and meet the state's project schedule.

SEC. 4.05 MANAGEMENT PLAN FOR THE PROJECT

Offerors must provide comprehensive narrative statements that set out the management plan they intend to follow and illustrate how the plan will serve to accomplish the work and meet the state's project schedule.

SEC. 4.06 EXPERIENCE AND QUALIFICATIONS

Offerors must provide an organizational chart specific to the personnel assigned to accomplish the work called for in this RFP; illustrate the lines of authority; designate the individual responsible and accountable for the completion of each component and deliverable of the RFP.

Offerors must provide a narrative description of the organization of the project team and a personnel roster that identifies each person who will actually work on the contract and provide the following information about each person listed:

- title,
- resume,
- location(s) where work will be performed,
- itemize the total cost and the number of estimated hours for each individual named above.

Offerors must provide reference names and phone numbers for similar projects the offeror's firm has completed.

SEC. 4.07 COST PROPOSAL

Cost proposals must include an itemized list of all direct and indirect costs associated with the performance of the contract, including, but not limited to, total number of hours at various hourly rates, direct expenses, payroll, supplies, overhead assigned to each person working on the project, percentage of each person's time devoted to the project, and profit.

SEC. 4.08 EVALUATION CRITERIA

All proposals will be reviewed to determine if they are responsive. Proposals determined to be responsive will be evaluated using the criterion that is set out in **SECTION 5. EVALUATION CRITERIA AND CONTRACTOR SELECTION**.

An evaluation may not be based on discrimination due to the race, religion, color, national origin, sex, age, marital status, pregnancy, parenthood, disability, or political affiliation of the offeror.

SECTION 5. EVALUATION CRITERIA AND CONTRACTOR SELECTION

THE TOTAL NUMBER OF POINTS USED TO SCORE THIS PROPOSAL IS 100

SEC. 5.01 UNDERSTANDING OF THE PROJECT (05%)

Proposals will be evaluated against the questions set out below:

- 1) How well has the offeror demonstrated a thorough understanding of the purpose and scope of the project?
- 2) How well has the offeror identified pertinent issues and potential problems related to the project?
- 3) To what degree has the offeror demonstrated an understanding of the deliverables the state expects it to provide?
- 4) Has the offeror demonstrated an understanding of the state's time schedule and can meet it?

SEC. 5.02 METHODOLOGY USED FOR THE PROJECT (10 %)

Proposals will be evaluated against the questions set out below:

- 1) How comprehensive is the methodology and does it depict a logical approach to fulfilling the requirements of the RFP?
- 2) How well does the methodology match and achieve the objectives set out in the RFP?
- 3) Does the methodology interface with the time schedule in the RFP?

SEC. 5.03 MANAGEMENT PLAN FOR THE PROJECT (10 %)

Proposals will be evaluated against the questions set out below:

- 1) How well does the management plan support all of the project requirements and logically lead to the deliverables required in the RFP?
- 2) How well is accountability completely and clearly defined?
- 3) Is the organization of the project team clear?
- 4) How well does the management plan illustrate the lines of authority and communication?
- 5) To what extent does the offeror already have the hardware, software, equipment, and licenses necessary to perform the contract?
- 6) Does it appear that the offeror can meet the schedule set out in the RFP?
- 7) Has the offeror gone beyond the minimum tasks necessary to meet the objectives of the RFP?
- 8) To what degree is the proposal practical and feasible?
- 9) To what extent has the offeror identified potential problems?

SEC. 5.04 EXPERIENCE AND QUALIFICATIONS (25%)

Proposals will be evaluated against the questions set out below:

1) Questions regarding the personnel:

- a) Do the individuals assigned to the project have experience on similar projects?
- b) Are resumes complete and do they demonstrate backgrounds that would be desirable for individuals engaged in the work the project requires?
- c) How extensive is the applicable education and experience of the personnel designated to work on the project?

2) Questions regarding the firm and subcontractor (if used):

- a) How well has the firm demonstrated experience in completing similar projects on time and within budget?
- b) How successful is the general history of the firm regarding timely and successful completion of projects?
- c) Has the firm provided letters of reference from previous clients?
- d) If a subcontractor will perform work on the contract, how well do they measure up to the evaluation used for the offeror?

SEC. 5.05 CONTRACT COST (50 %)

Overall, a minimum of **50%** of the total evaluation points will be assigned to cost.

Converting Cost to Points

The lowest cost proposal will receive the maximum number of points allocated to cost. The point allocations for cost on the other proposals will be determined through the method set out in Section 3.15.

SECTION 6. GENERAL PROCESS INFORMATION

SEC. 6.01 INFORMAL DEBRIEFING

When the contract is completed, an informal debriefing may be performed at the discretion of the Project Manager. If performed, the scope of the debriefing will be limited to the work performed by the contractor.

SEC. 6.02 ALASKA BUSINESS LICENSE AND OTHER REQUIRED LICENSES

Prior to the award of a contract, an offeror must hold a valid Alaska business license. Offerors should contact the **Department of Commerce, Community and Economic Development, Division of Corporations, Business, and Professional Licensing, PO Box 110806, Juneau, Alaska 99811-0806**, for information on these licenses.

Acceptable evidence that the offeror possesses a valid Alaska business license may consist of any one of the following:

- copy of an Alaska business license;
- certification on the proposal that the offeror has a valid Alaska business license and has included the license number in the proposal;
- a canceled check for the Alaska business license fee;
- a copy of the Alaska business license application with a receipt stamp from the state's occupational licensing office; or
- a sworn and notarized statement that the offeror has applied and paid for the Alaska business license.

You are not required to hold a valid Alaska business license at the time proposals are opened if you possess one of the following licenses and are offering services or supplies under that specific line of business:

- fisheries business licenses issued by Alaska Department of Revenue or Alaska Department of Fish and Game,
- liquor licenses issued by Alaska Department of Revenue for alcohol sales only,
- insurance licenses issued by Alaska Department of Commerce, Community and Economic Development, Division of Insurance, or
- Mining licenses issued by Alaska Department of Revenue.

Prior the deadline for receipt of proposals, all offerors must hold any other necessary applicable professional licenses required by Alaska Statute.

SEC. 6.03 SITE INSPECTION

The state may conduct on-site visits to evaluate the offeror's capacity to perform the contract. An offeror must agree, at risk of being found non-responsive and having its proposal rejected, to provide the state reasonable access to relevant portions of its work sites. Individuals designated by the procurement officer at the state's expense will make site inspection.

SEC. 6.04 CLARIFICATION OF OFFERS

In order to determine if a proposal is reasonably susceptible for award, communications by the procurement officer or the proposal evaluation committee (PEC) are permitted with an offeror to clarify uncertainties or eliminate confusion concerning the contents of a proposal. Clarifications may not result in a material or substantive change to the proposal. The evaluation by the procurement officer or the PEC may be adjusted as a result of a clarification under this section.

SEC. 6.05 DISCUSSIONS WITH OFFERORS

The state may conduct discussions with offerors in accordance with AS 36.30.240 and 2 AAC 12.290. The purpose of these discussions will be to ensure full understanding of the requirements of the RFP and proposal. Discussions will be limited to specific sections of the RFP or proposal identified by the procurement officer. Discussions will only be held with offerors who have submitted a proposal deemed reasonably susceptible for award by the procurement officer. Discussions, if held, will be after initial evaluation of proposals by the procurement officer or the PEC. If modifications are made as a result of these discussions they will be put in writing. Following discussions, the procurement officer may set a time for best and final proposal submissions from those offerors with whom discussions were held. Proposals may be reevaluated after receipt of best and final proposal submissions.

If an offeror does not submit a best and final proposal or a notice of withdrawal, the offeror's immediate previous proposal is considered the offeror's best and final proposal.

Offerors with a disability needing accommodation should contact the procurement officer prior to the date set for discussions so that reasonable accommodation can be made. Any oral modification of a proposal must be reduced to writing by the offeror.

SEC. 6.06 EVALUATION OF PROPOSALS

The procurement officer, or an evaluation committee made up of at least three state employees or public officials, will evaluate proposals. The evaluation will be based solely on the evaluation factors set out in **SECTION 5. EVALUATION CRITERIA AND CONTRACTOR SELECTION.**

After receipt of proposals, if there is a need for any substantial clarification or material change in the RFP, an amendment will be issued. The amendment will incorporate the clarification or change, and a new date and time established for new or amended proposals. Evaluations may be adjusted as a result of receiving new or amended proposals.

SEC. 6.07 CONTRACT NEGOTIATION

After final evaluation, the procurement officer may negotiate with the offeror of the highest-ranked proposal. Negotiations, if held, shall be within the scope of the request for proposals and limited to those items which would not have an effect on the ranking of proposals. If the highest-ranked offeror fails to provide necessary information for negotiations in a timely manner, or fails to negotiate in good faith, the state may terminate negotiations and negotiate with the offeror of the next highest-ranked proposal. If contract negotiations are commenced, they may be held in the Administrative Services Director's conference room on the 3rd floor of the Department of Transportation & Public Facilities Building in Juneau, Alaska.

If the contract negotiations take place in Juneau, Alaska, the offeror will be responsible for their travel and per diem expenses.

SEC. 6.08 FAILURE TO NEGOTIATE

If the selected offeror

- fails to provide the information required to begin negotiations in a timely manner; or
- fails to negotiate in good faith; or
- indicates they cannot perform the contract within the budgeted funds available for the project; or
- if the offeror and the state, after a good faith effort, simply cannot come to terms,

the state may terminate negotiations with the offeror initially selected and commence negotiations with the next highest ranked offeror.

SEC. 6.09 OFFEROR NOTIFICATION OF SELECTION

After the completion of contract negotiation the procurement officer will issue a written Notice of Intent to Award (NIA) and send copies to all offerors. The NIA will set out the names of all offerors and identify the proposal selected for award.

SEC. 6.10 PROTEST

AS 36.30.560 provides that an interested party may protest the content of the RFP.

An interested party is defined in 2 AAC 12.990(a) (7) as "an actual or prospective bidder or offeror whose economic interest might be affected substantially and directly by the issuance of a contract solicitation, the award of a contract, or the failure to award a contract."

If an interested party wishes to protest the content of a solicitation, the protest must be received, in writing, by the procurement officer at least ten days prior to the deadline for receipt of proposals.

AS 36.30.560 also provides that an interested party may protest the award of a contract or the proposed award of a contract.

If an offeror wishes to protest the award of a contract or the proposed award of a contract, the protest must be received, in writing, by the procurement officer within ten days after the date the Notice of Intent to Award the contract is issued.

A protester must have submitted a proposal in order to have sufficient standing to protest the proposed award of a contract. Protests must include the following information:

- the name, address, and telephone number of the protester;
- the signature of the protester or the protester's representative;
- identification of the contracting agency and the solicitation or contract at issue;
- a detailed statement of the legal and factual grounds of the protest including copies of relevant documents; and the form of relief requested.

Protests filed by telex or telegram are not acceptable because they do not contain a signature. Fax copies containing a signature are acceptable.

The procurement officer will issue a written response to the protest. The response will set out the procurement officer's decision and contain the basis of the decision within the statutory time limit in AS 36.30.580. A copy of the decision will be furnished to the protester by certified mail, fax or another method that provides evidence of receipt.

All offerors will be notified of any protest. The review of protests, decisions of the procurement officer, appeals, and hearings, will be conducted in accordance with the State Procurement Code (AS 36.30), Article 8 "Legal and Contractual Remedies."

SEC. 6.11 FORMULA USED TO CONVERT COST TO POINTS

The distribution of points based on cost will be determined as set out in 2 AAC 12.260(c). The lowest cost proposal will receive the maximum number of points allocated to cost. The point allocations for cost on the other proposals will be determined using the formula:

$$[(\text{Price of Lowest Cost Proposal}) \times (\text{Maximum Points for Cost})] \div (\text{Cost of Each Higher Priced Proposal})$$

SEC. 6.12 EXAMPLES: CONVERTING COST TO POINTS

(a) FORMULA USED TO CONVERT COST TO POINTS

STEP 1

List all proposal prices.

Offeror #1	\$40,000
Offeror #2	\$42,750
Offeror #3	\$47,500

STEP 2

In this example, the RFP allotted 40% of the available 100 points to cost. This means that the lowest cost will receive the maximum number of points.

Offeror #1 receives 40 points.

The reason they receive that amount is because the lowest cost proposal, in this case \$40,000, receives the maximum number of points allocated to cost, 40 points.

Offeror #2 receives 37.4 points.

$$\$40,000 \text{ lowest cost} \times 40 \text{ maximum points for cost} = 1,600,000 \div \$42,750 \text{ cost of Offeror \#2's proposal} = 37.4$$

Offeror #3 receives 33.7 points.

$$\$40,000 \text{ lowest cost} \times 40 \text{ maximum points for cost} = 1,600,000 \div \$47,500 \text{ cost of Offeror \#3's proposal} = 33.7$$

SECTION 7. GENERAL LEGAL INFORMATION

SEC. 7.01 STANDARD CONTRACT PROVISIONS

The contractor will be required to sign and submit the State's Standard Agreement Form for Professional Services Contracts (form 02-093/Appendix A). This form is attached in **SECTION 8. ATTACHMENTS** for your review. The contractor must comply with the contract provisions set out in this attachment. No alteration of these provisions will be permitted without prior written approval from the Department of Law. Objections to any of the provisions in Appendix A must be set out in the offeror's proposal.

SEC. 7.02 FEDERAL CONTRACT PROVISIONS:

Required Contract Provisions for Federal-Aid (FHWA) Contracts, [Form #25D-55 H (2/16), pages 1-13] are attached to this document. This contract incorporates the provisions by reference, with the same force and effect as if they were given in full text. The Contractor must identify all known federal requirements that apply to the proposal, the evaluation, or the contract.

CONTRACT FUNDING:

The funding of the resultant contract will be provided by the U.S. Federal Highways Administration (FHWA). Federal funds are identified and appropriated for the first term of the contract. Payment and performance obligations for additional terms of the contract are subject to the availability and appropriation of funds.

STATEMENT OF FINANCIAL ASSISTANCE:

Statement of Financial Assistance: This Procurement is subject in part to financial assistance grants agreement between the State of Alaska and the U.S. Department of Transportation.

Sec. 36.30.890. Federal Assistance

If a procurement involves the expenditure of federal funds or federal assistance and there is a conflict between a provision of this chapter or a regulation adopted under a provision of this chapter and a federal statute, regulation, policy, or requirement, the federal statute, regulation, policy, or requirement shall prevail.

2 AAC 12.730. Federal Assistance

If a procurement involves the expenditure of federal funds or requires federal assistance and there is a conflict between a provision of this chapter and federal statute, regulation, policy, or requirement, the procurement officer shall comply with the federal statute, regulation, policy, or requirement.

Authority: AS 36.30.040; AS 36.30.890

SEC. 7.03 PROPOSAL AS A PART OF THE CONTRACT

Part or all of this RFP and the successful proposal may be incorporated into the contract.

SEC. 7.04 ADDITIONAL TERMS AND CONDITIONS

The state reserves the right to add terms and conditions during contract negotiations. These terms and conditions will be within the scope of the RFP and will not affect the proposal evaluations.

SEC. 7.05 HUMAN TRAFFICKING

By signature on their proposal, the offeror certifies that the offeror is not established and headquartered or incorporated and headquartered in a country recognized as Tier 3 in the most recent United States Department of State's Trafficking in Persons Report.

The most recent United States Department of State's Trafficking in Persons Report can be found at the following website: <https://www.state.gov/j/tip/rls/tiprpt/2018/282584.htm>

Failure to comply with this requirement will cause the state to reject the proposal as non-responsive, or cancel the contract.

SEC. 7.06 RIGHT OF REJECTION

Offerors must comply with all of the terms of the RFP, the State Procurement Code (AS 36.30), and all applicable local, state, and federal laws, codes, and regulations. The procurement officer may reject any proposal that does not comply with all of the material and substantial terms, conditions, and performance requirements of the RFP.

Offerors may not qualify the proposal nor restrict the rights of the state. If an offeror does so, the procurement officer may determine the proposal to be a non-responsive counter-offer and the proposal may be rejected.

Minor informalities that:

- do not affect responsiveness;
- are merely a matter of form or format;
- do not change the relative standing or otherwise prejudice other offers;
- do not change the meaning or scope of the RFP;
- are trivial, negligible, or immaterial in nature;
- do not reflect a material change in the work; or
- do not constitute a substantial reservation against a requirement or provision;

may be waived by the procurement officer.

The state reserves the right to refrain from making an award if it determines that to be in its best interest.

A proposal from a debarred or suspended offeror shall be rejected.

SEC. 7.07 STATE NOT RESPONSIBLE FOR PREPARATION COSTS

The state will not pay any cost associated with the preparation, submittal, presentation, or evaluation of any proposal.

SEC. 7.08 DISCLOSURE OF PROPOSAL CONTENTS

All proposals and other material submitted become the property of the State of Alaska and may be returned only at the state's option. AS 40.25.110 requires public records to be open to reasonable inspection. All proposal information, including detailed price and cost information, will be held in confidence during the evaluation process and prior to the time a Notice of Intent to Award is issued. Thereafter, proposals will become public information.

Trade secrets and other proprietary data contained in proposals may be held confidential if the offeror requests, in writing, that the procurement officer does so, and if the procurement officer agrees, in writing, to do so. The offeror's request must be included with the proposal, must clearly identify the information they wish to be held confidential, and include a statement that sets out the reasons for confidentiality. Unless the procurement officer agrees in writing to hold the requested information confidential, that information will also become public after the Notice of Intent to Award is issued.

SEC. 7.09 ASSIGNMENT

Per 2 AAC 12.480, the contractor may not transfer or assign any portion of the contract without prior written approval from the procurement officer.

SEC. 7.10 DISPUTES

A contract resulting from this RFP is governed by the laws of the State of Alaska. If the contractor has a claim arising in connection with the agreement that it cannot resolve with the state by mutual agreement, it shall pursue the claim, if at all, in accordance with the provisions of AS 36.30.620 – AS 36.30.632. To the extent not otherwise governed by the preceding, the claim shall be brought only in the Superior Court of the State of Alaska and not elsewhere.

SEC. 7.11 SEVERABILITY

If any provision of the contract or agreement is declared by a court to be illegal or in conflict with any law, the validity of the remaining terms and provisions will not be affected; and, the rights and obligations of the parties will be construed and enforced as if the contract did not contain the particular provision held to be invalid.

SEC. 7.12 SUPPLEMENTAL TERMS AND CONDITIONS

Proposals must comply with **SEC. 7.05 RIGHT OF REJECTION**. However, if the state fails to identify or detect supplemental terms or conditions that conflict with those contained in this RFP or that diminish the state's rights under any contract resulting from the RFP, the term(s) or condition(s) will be considered null and void. After award of contract:

if conflict arises between a supplemental term or condition included in the proposal and a term or condition of the RFP, the term or condition of the RFP will prevail; and

if the state's rights would be diminished as a result of application of a supplemental term or condition included in the proposal, the supplemental term or condition will be considered null and void.

SEC. 7.13 CONTRACT INVALIDATION

If any provision of this contract is found to be invalid, such invalidation will not be construed to invalidate the entire contract.

SEC. 7.14 SOLICITATION ADVERTISING

Public notice has been provided in accordance with 2 AAC 12.220.

SECTION 8. ATTACHMENTS

SEC. 8.01 ATTACHMENTS

Attachments:

- 1) Proposal Evaluation Form
- 2) Standard Agreement Form - Appendix A
- 3) Appendix **B1**
- 4) Notice of Intent to Award
- 5) Checklist
- 6) Cost Proposal
- 7) 2018 QA-QC Selected Segments
- 8) 2018 Quality Assurance Program Manual
- 9) Federal Aid Contract Provisions (FHWA)

ATTACHMENT 1: PROPOSAL EVALUATION FORM

All proposals will be reviewed for responsiveness and then evaluated using the criteria set out herein.

Offeror Name: _____
Evaluator Name: _____
Date of Review: _____
RFP Number: **2519H032**

EVALUATION CRITERIA AND SCORING

THE TOTAL NUMBER OF POINTS USED TO SCORE THIS PROPOSAL IS **100**

5.01 Understanding of the Project—5 Percent

Maximum Point Value for this Section - 5 Points

100 Points x 5 Percent = 5 Points

Proposals will be evaluated against the questions set out below.

- 1) How well has the offeror demonstrated a thorough understanding of the purpose and scope of the project?

NOTES

- 2) How well has the offeror identified pertinent issues and potential problems related to the project?

NOTES:

- 3) To what degree has the offeror demonstrated an understanding of the deliverables the state expects it to provide?

NOTES:

- 4) Has the offeror demonstrated an understanding of the state's time schedule and can meet it?

NOTES:

EVALUATOR'S POINT TOTAL FOR 5.01: _____

5.02 Methodology Used for the Project—10 Percent

Maximum Point Value for this Section - 10 Points

100 Points x 10 Percent = 10 Points

Proposals will be evaluated against the questions set out below.

- 1) How comprehensive is the methodology and does it depict a logical approach to fulfilling the requirements of the RFP?

NOTES:

- 2) How well does the methodology match and achieve the objectives set out in the RFP?

NOTES:

- 3) How well does the methodology interface with the time schedule in the proposal?

NOTES:

EVALUATOR'S POINT TOTAL FOR 5.02: _____

5.03 Management Plan for the Project—10 Percent

Maximum Point Value for this Section - 10 Points

STANDARD CONTRACT FORM

1. Agency Contract Number 2519H032	2. Contract Title QA Segment Assessment, Inspection & Documentation	3. Financial Coding	4. Agency Assigned Encumbrance Number
5. Vendor Number	6. Project/Case Number	7. Alaska Business License Number	
This contract is between the State of Alaska,			
8. Department of Transportation and Public Facilities		Division Maintenance and Operations	hereafter the State, and
9. Contractor			hereafter the Contractor
Mailing Address	Street or P.O. Box	City	State ZIP+4

<p>10. ARTICLE 1. Appendices: Appendices referred to in this contract and attached to it are considered part of it.</p> <p>ARTICLE 2. Performance of Contract:</p> <p>2.1 Appendix A¹ (General Conditions), Items 1 through 17, govern contract performance.</p> <p>2.2 Appendix B sets forth the liability and insurance provisions of this contract.</p> <p>2.3 Appendix C sets forth the scope of work/services to be performed by the contractor.</p> <p>2.4 Appendix D sets forth the payment schedule.</p> <p>ARTICLE 3. Period of Performance: The period of performance for this contract begins _____, and ends _____.</p> <p>ARTICLE 4. Considerations:</p> <p>4.1 In full consideration of the contractor's performance under this contract, the State shall pay the contractor a sum not to exceed \$_____ in accordance with the provisions of Appendix D.</p> <p>4.2 When billing the State, the contractor shall refer to the Agency Contract Number and send the billing to:</p>	
11. Department of	Attention: Division of
Mailing Address	Attention:

12. CONTRACTOR	13. CONTRACTING AGENCY
Name of Firm	Department/Division Transportation and Public Facilities / Maintenance and Operations
Signature of Authorized Representative	Signature of Procurement Officer
Typed or Printed Name of Authorized Representative	Typed or Printed Name of Procurement Officer
Date	Date

APPENDIX A¹

GENERAL CONDITIONS

1. Inspections and Reports:

The department may inspect, in the manner and at reasonable times it considers appropriate, all of the contractor's facilities and activities under this contract. The contractor shall make progress and other reports in the manner and at the times the department reasonably requires.

2. Suitable Materials, Etc.:

Unless otherwise specified, all materials, supplies or equipment offered by the contractor shall be new, unused, and of the latest edition, version, model or crop and of recent manufacture.

3. Disputes:

Any dispute arising out of this agreement shall be resolved under the laws of Alaska. Any appeal of an administrative order or any original action to enforce any provision of this agreement or to obtain any relief from or remedy in connection with this agreement may be brought only in the superior court for the State of Alaska.

4. Default:

In case of default by the contractor, for any reason whatsoever, the State of Alaska may procure the goods or services from another source and hold the contractor responsible for any resulting excess cost and may seek other remedies under law or equity.

5. No Assignment or Delegation:

The contractor may not assign or delegate this contract, or any part of it, or any right to any of the money to be paid under it, except with the written consent of the Procurement Officer.

6. No Additional Work or Material:

No claim for additional supplies or services, not specifically provided in this contract, performed or furnished by the contractor, will be allowed, nor may the contractor do any work or furnish any material not covered by the contract unless the work or material is ordered in writing by the Procurement Officer.

7. Independent Contractor:

The contractor and any agents and employees of the contractor act in an independent capacity and are not officers or employees or agents of the State in the performance of this contract.

8. Payment of Taxes:

As a condition of performance of this contract, the contractor shall pay all federal, State, and local taxes incurred by the contractor and shall require their payment by any subcontractor or any other persons in the performance of this contract. Satisfactory performance of this paragraph is a condition precedent to payment by the State under this contract.

9. Compliance:

In the performance of this contract, the contractor must comply with all applicable federal, state, and borough regulations, codes, and laws, and be liable for all required insurance, license, permits and bonds.

10. Conflicting Provisions:

Unless specifically amended and approved by the Department of Law the General Conditions of this contract supersede any provisions in other appendices. The contractor specifically acknowledges and agrees that provisions in any form contracts it appends hereto that purport to (1) waive the State of Alaska's sovereign immunity, (2) impose indemnification obligations on the State of Alaska that are not conditioned on legislative appropriation, or (3) seek to limit liability of the contractor for acts of contractor negligence, are expressly superseded by this contract and are void.

11. Officials Not to Benefit:

Contractor must comply with all applicable federal or State laws regulating ethical conduct of public officers and employees.

12. Contract Prices:

Contract prices for commodities must be in U.S. funds and include applicable federal duty, brokerage fees, packaging, and transportation cost to the FOB point so that upon transfer of title the commodity can be utilized without further cost. Prices for services must be in U.S. funds and include applicable federal duty, brokerage fee, packaging, and transportation cost so that the services can be provided without further cost.

13. Contract Funding:

Contractors are advised that funds are available for the initial purchase and/or the first term of the contract. Payment and performance obligations for succeeding purchases and/or additional terms of the contract are subject to the availability and appropriation of funds.

14. Force Majeure:

(Impossibility to perform) The contractor is not liable for the consequences of any failure to perform, or default in performing, any of its obligations under this Agreement, if that failure or default is caused by any unforeseeable Force Majeure, beyond the control of, and without the fault or negligence of, the contractor. For the purposes of this Agreement, Force Majeure will mean war (whether declared or not); revolution; invasion; insurrection; riot; civil commotion; sabotage; military or usurped power; lightning; explosion; fire; storm; drought; flood; earthquake; epidemic; quarantine; strikes; acts or restraints of governmental authorities affecting the project or directly or indirectly prohibiting or restricting the furnishing or use of materials or labor required; inability to secure materials, machinery, equipment or labor because of priority, allocation or other regulations of any governmental authorities.

15. Contract Extension:

Unless otherwise provided, the State and the contractor agree: (1) that any holding over of the contract excluding any exercised renewal options, will be considered as a month-to-month extension, and all other terms and conditions shall remain in full force and effect, and (2) to provide written notice to the other party of the intent to cancel such month-to-month extension at least thirty (30) days before the desired date of cancellation.

16. Severability:

If any provision of the contract is declared by a court to be illegal or in conflict with any law, the validity of the remaining terms and provisions will not be affected; and, the rights and obligations of the parties will be construed and enforced as if the contract did not contain the particular provision held to be invalid.

17. Continuing Obligation of Contractor:

Notwithstanding the expiration date of this contract, the contractor is obligated to fulfill its responsibilities until warranty, guarantee, maintenance and parts availability requirements have completely expired.

APPENDIX B¹

INDEMNITY AND INSURANCE

Article 1. Indemnification

The Contractor shall indemnify, hold harmless, and defend the contracting agency from and against any claim of, or liability for error, omission or negligent act of the Contractor under this agreement. The Contractor shall not be required to indemnify the contracting agency for a claim of, or liability for, the independent negligence of the contracting agency. If there is a claim of, or liability for, the joint negligent error or omission of the Contractor and the independent negligence of the Contracting agency, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. "Contractor" and "Contracting agency", as used within this and the following article, include the employees, agents and other contractors who are directly responsible, respectively, to each. The term "independent negligence" is negligence other than in the Contracting agency's selection, administration, monitoring, or controlling of the Contractor and in approving or accepting the Contractor's work.

Article 2. Insurance

Without limiting Contractor's indemnification, it is agreed that Contractor shall purchase at its own expense and maintain in force at all times during the performance of services under this agreement the following policies of insurance. Where specific limits are shown, it is understood that they shall be the minimum acceptable limits. If the Contractor's policy contains higher limits, the state shall be entitled to coverage to the extent of such higher limits. Certificates of Insurance must be furnished to the Contracting Officer prior to beginning work and must provide for a notice of cancellation, nonrenewal, or material change of conditions in accordance with policy provisions. Failure to furnish satisfactory evidence of insurance or lapse of the policy is a material breach of this contract and shall be grounds for termination of the Contractor's services. All insurance policies shall comply with, and be issued by insurers licensed to transact the business of insurance under AS 21.

2.1 Workers' Compensation Insurance: The Contractor shall provide and maintain, for all employees engaged in work under this contract, coverage as required by AS 23.30.045, and; where applicable, any other statutory obligations including but not limited to Federal U.S.L. & H. and Jones Act requirements. The policy must waive subrogation against the State.

2.2 Commercial General Liability Insurance: covering all business premises and operations used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000. combined single limit per occurrence.

2.3 Commercial Automobile Liability Insurance: covering all vehicles used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000. combined single limit per occurrence.

State of Alaska
Department of Transportation & Public Facilities
Statewide Contracting & Procurement
P.O. Box 112500

(3132 Channel Drive, Suite 350)

Juneau, AK 99811-2500

Phone: (907) 465-8446

FAX: (907) 465-3124

NOTICE OF INTENT TO AWARD A CONTRACT

Date:

RE:

Subject:

Procurement Officer:

RFP 2519H032

Quality Assurance Road Inspections

Paul Nakachi

This is notice of the state's intent to award a contract. A tabulation of the offers received, listed in the order of ranking, appears below. An offeror who wishes to protest this Notice of Intent must file a protest within ten (10) calendar days following the date this Notice is issued. If the tenth day falls on a weekend or holiday, the last day of the protest period is the first working day following the tenth day.

Protests must comply with the requirements of AS 36.30.560:

AS 36.30.560. FILING OF A PROTEST.

An interested party may protest the award of a contract, the proposed award of a contract, or a solicitation for supplies, services, professional services, or construction by an agency. The protest shall be filed with the procurement officer of the contracting agency in writing and include the following information:

- (1) the name, address, and telephone number of the protester;
- (2) the signature of the protester or the protester's representative;
- (3) identification of the contracting agency and the solicitation or contract at issue;
- (4) a detailed statement of the legal and factual grounds of the protest, including copies of relevant documents;
and
- (5) the form of relief requested.

The offeror identified here as having submitted the most advantageous offer (highest ranked), is instructed not to proceed until a Contract, Notice of Award, or Notice to Proceed is received from the state. A company or person who proceeds prior to receipt of a Contract Notice of Award, or Notice to Proceed does so without a contract and at their own risk. AS 36.30.365.

Highest Ranked Offer:

Other Offers Received:

ATTACHMENT 5 - CHECKLIST

This checklist is provided to assist both the offeror and the State in identifying the RFP requirements within the proposal. There may be additional requirements beyond those listed on this checklist. Offerors are responsible for thoroughly reviewing the RFP to make sure that they have met all the requirements and have provided all necessary information.

Offerors must complete and return this form. Failure to do so may result in the proposal being deemed non-responsive and the proposal rejected. Completion of this form does not guarantee a declaration of responsiveness.

Offeror: _____

REQUIREMENTS:	Indicate proposal page number(s) where evidence of the requirements has been provided:
Proposal not qualified or restricts the rights of the State per Section 7.06	
Offeror's Certification per Section 1.08(b)	
Conflict of Interest Statement per Section 1.08(d)	
Authorized Signature per Section 1.08(a)	
Minimum Requirements evidence per section 1.04	
Vendor Tax ID per Section 1.08(c)	
Alaska Business License per Section 6.02	
The complete name and address of offeror's firm and the name, mailing & email address, and telephone number of the person the state should contact regarding the proposal per Section 4.02	
Project Understanding per Section 4.03	
Project Methodology per Section 4.04	
Management Plan per Section 4.05	
Experience & Qualifications per Section 4.06	
	✓ below
One original and three (3) copies, plus one (1) CD-ROM or flash drive of proposal per Section 1.07	<input type="checkbox"/> YES
One (1) copy of Cost Proposal Worksheet in sealed separate envelope per Section 1.07	<input type="checkbox"/> YES

ATTACHMENT 6 – COST PROPOSAL

The cost proposal is an evaluation tool that will identify fixed price cost of assessment and inspection of each road segment, cost of assessment and inspection of each remote road segment, cost of the Annual Training and kick off meeting and cost of Lessons Learned meeting. The estimated quantities are an estimate only.

The State does not guarantee a minimum or maximum amount. An alteration to the cost proposal will be deemed non-responsive and the bid rejected.

Unit cost for each contiguous	<u>Unit Cost</u>	<u>Extended Cost</u>
road segment:	\$ _____ X Estimated 2400 segments =	\$ _____
Unit cost for each remote road segment:	\$ _____ X Estimated 600 segments =	\$ _____
Cost of Annual Kick off meeting and annual training:		\$ _____
Cost of annual Lessons Learned Meeting:		\$ _____
	Total Evaluated Cost	\$ _____

Unit costs for segment types shall be incorporated into the resultant contract.

Offeror: _____ D-U-N-S Number _____

FY	SITE_ID	CNTY_ID	CNTY_DESCR	RTE	RTE_DESCR	BEG_MP	END_MP
2019	1657	57762	CHANDALAR	150000	DALTON HIGHWAY	227.1	227.2
2019	540	57762	CHANDALAR	150000	DALTON HIGHWAY	233.6	233.7
2019	1034	57762	CHANDALAR	150000	DALTON HIGHWAY	234.1	234.2
2019	719	57762	CHANDALAR	150000	DALTON HIGHWAY	234.3	234.4
2019	807	57762	CHANDALAR	150000	DALTON HIGHWAY	235.2	235.3
2019	1515	57762	CHANDALAR	150000	DALTON HIGHWAY	236.2	236.3
2019	2208	57762	CHANDALAR	150000	DALTON HIGHWAY	236.7	236.8
2019	928	57762	CHANDALAR	150000	DALTON HIGHWAY	238.1	238.2
2019	419	57762	CHANDALAR	150000	DALTON HIGHWAY	239.8	239.9
2019	2047	57762	CHANDALAR	150000	DALTON HIGHWAY	242.7	242.8
2019	1622	57762	CHANDALAR	150000	DALTON HIGHWAY	242.9	243.0
2019	1475	57762	CHANDALAR	150000	DALTON HIGHWAY	246.6	246.7
2019	1136	57762	CHANDALAR	150000	DALTON HIGHWAY	248.9	249.0
2019	2785	57762	CHANDALAR	150000	DALTON HIGHWAY	249.1	249.2
2019	1352	57762	CHANDALAR	150000	DALTON HIGHWAY	250.5	250.6
2019	2525	57762	CHANDALAR	150000	DALTON HIGHWAY	252.6	252.7
2019	2314	57762	CHANDALAR	150000	DALTON HIGHWAY	256.9	257.0
2019	243	57762	CHANDALAR	150000	DALTON HIGHWAY	257.3	257.4
2019	2635	57762	CHANDALAR	150000	DALTON HIGHWAY	257.6	257.7
2019	720	57762	CHANDALAR	150000	DALTON HIGHWAY	257.9	258.0
2019	581	57762	CHANDALAR	150000	DALTON HIGHWAY	258.3	258.4
2019	2882	57762	CHANDALAR	150000	DALTON HIGHWAY	259.3	259.4
2019	2549	57762	CHANDALAR	150000	DALTON HIGHWAY	261.1	261.2
2019	2927	57762	CHANDALAR	150000	DALTON HIGHWAY	263.3	263.4
2019	863	57762	CHANDALAR	150000	DALTON HIGHWAY	266.4	266.5
2019	2903	57762	CHANDALAR	150000	DALTON HIGHWAY	267.8	267.9
2019	2385	57762	CHANDALAR	150000	DALTON HIGHWAY	271.7	271.8
2019	616	57762	CHANDALAR	150000	DALTON HIGHWAY	275.0	275.1
2019	2030	57762	CHANDALAR	150000	DALTON HIGHWAY	277.2	277.3
2019	718	57762	CHANDALAR	150000	DALTON HIGHWAY	277.6	277.7
2019	1200	57762	CHANDALAR	150000	DALTON HIGHWAY	278.3	278.4
2019	470	57762	CHANDALAR	150000	DALTON HIGHWAY	279.2	279.3
2019	2991	57762	CHANDALAR	150000	DALTON HIGHWAY	281.1	281.2
2019	1492	57762	CHANDALAR	150000	DALTON HIGHWAY	284.8	284.9
2019	2935	57763	COLDFOOT	150000	DALTON HIGHWAY	159.2	159.3
2019	1040	57763	COLDFOOT	150000	DALTON HIGHWAY	159.4	159.5
2019	2989	57763	COLDFOOT	150000	DALTON HIGHWAY	161.0	161.1
2019	2768	57763	COLDFOOT	150000	DALTON HIGHWAY	161.8	161.9
2019	197	57763	COLDFOOT	150000	DALTON HIGHWAY	162.0	162.1
2019	1624	57763	COLDFOOT	150000	DALTON HIGHWAY	162.5	162.6
2019	1527	57763	COLDFOOT	150000	DALTON HIGHWAY	163.2	163.3
2019	1497	57763	COLDFOOT	150000	DALTON HIGHWAY	168.1	168.2
2019	999	57763	COLDFOOT	150000	DALTON HIGHWAY	169.4	169.5
2019	483	57763	COLDFOOT	150000	DALTON HIGHWAY	169.9	170.0
2019	1516	57763	COLDFOOT	150000	DALTON HIGHWAY	173.4	173.5
2019	344	57763	COLDFOOT	150000	DALTON HIGHWAY	174.0	174.1
2019	38	57763	COLDFOOT	150000	DALTON HIGHWAY	174.8	174.9
2019	1923	57763	COLDFOOT	150000	DALTON HIGHWAY	176.3	176.4
2019	1420	57763	COLDFOOT	150000	DALTON HIGHWAY	177.6	177.7
2019	2190	57763	COLDFOOT	150000	DALTON HIGHWAY	184.0	184.1
2019	2450	57763	COLDFOOT	150000	DALTON HIGHWAY	186.3	186.4
2019	1636	57763	COLDFOOT	150000	DALTON HIGHWAY	188.3	188.4
2019	862	57763	COLDFOOT	150000	DALTON HIGHWAY	188.4	188.5
2019	2342	57763	COLDFOOT	150000	DALTON HIGHWAY	192.8	192.9
2019	2675	57763	COLDFOOT	150000	DALTON HIGHWAY	198.0	198.1
2019	54	57763	COLDFOOT	150000	DALTON HIGHWAY	198.7	198.8
2019	2021	57763	COLDFOOT	150000	DALTON HIGHWAY	200.4	200.5
2019	377	57763	COLDFOOT	150000	DALTON HIGHWAY	200.6	200.7
2019	593	57763	COLDFOOT	150000	DALTON HIGHWAY	206.6	206.7

2019	2523	57763 COLDFOOT	150000	DALTON HIGHWAY	207.8	207.9
2019	1982	57763 COLDFOOT	150000	DALTON HIGHWAY	208.8	208.9
2019	1684	57763 COLDFOOT	150000	DALTON HIGHWAY	209.0	209.1
2019	121	57763 COLDFOOT	273010	WISEMAN/NOLAN ROAD	1.9	2.0
2019	2280	57763 COLDFOOT	273010	WISEMAN/NOLAN ROAD	2.1	2.2
2019	2467	57763 COLDFOOT	273010	WISEMAN/NOLAN ROAD	3.6	3.7
2019	1099	57763 COLDFOOT	273010	WISEMAN/NOLAN ROAD	4.0	4.1
2019	2350	57764 DEADHORSE	150000	DALTON HIGHWAY	359.3	359.4
2019	1466	57764 DEADHORSE	150000	DALTON HIGHWAY	382.5	382.6
2019	96	57764 DEADHORSE	150000	DALTON HIGHWAY	382.6	382.7
2019	2196	57764 DEADHORSE	150000	DALTON HIGHWAY	383.2	383.3
2019	2767	57764 DEADHORSE	150000	DALTON HIGHWAY	383.5	383.6
2019	643	57764 DEADHORSE	150000	DALTON HIGHWAY	383.9	384.0
2019	545	57764 DEADHORSE	150000	DALTON HIGHWAY	387.1	387.2
2019	65	57764 DEADHORSE	150000	DALTON HIGHWAY	389.0	389.1
2019	849	57764 DEADHORSE	150000	DALTON HIGHWAY	389.7	389.8
2019	2900	57764 DEADHORSE	150000	DALTON HIGHWAY	392.0	392.1
2019	1865	57764 DEADHORSE	150000	DALTON HIGHWAY	393.5	393.6
2019	128	57764 DEADHORSE	150000	DALTON HIGHWAY	394.1	394.2
2019	898	57764 DEADHORSE	150000	DALTON HIGHWAY	395.3	395.4
2019	2296	57764 DEADHORSE	150000	DALTON HIGHWAY	396.6	396.7
2019	886	57764 DEADHORSE	150000	DALTON HIGHWAY	398.1	398.2
2019	1438	57764 DEADHORSE	150000	DALTON HIGHWAY	401.6	401.7
2019	362	57764 DEADHORSE	150000	DALTON HIGHWAY	402.6	402.7
2019	697	57764 DEADHORSE	150000	DALTON HIGHWAY	407.9	408.0
2019	2155	57764 DEADHORSE	150000	DALTON HIGHWAY	411.2	411.3
2019	2874	57764 DEADHORSE	150000	DALTON HIGHWAY	412.0	412.1
2019	1975	57764 DEADHORSE	150000	DALTON HIGHWAY	412.6	412.7
2019	2938	57764 DEADHORSE	150000	DALTON HIGHWAY	413.4	413.5
2019	2928	57765 JIM RIVER	150000	DALTON HIGHWAY	102.3	102.4
2019	180	57765 JIM RIVER	150000	DALTON HIGHWAY	103.6	103.7
2019	2548	57765 JIM RIVER	150000	DALTON HIGHWAY	106.2	106.3
2019	650	57765 JIM RIVER	150000	DALTON HIGHWAY	107.2	107.3
2019	661	57765 JIM RIVER	150000	DALTON HIGHWAY	108.1	108.2
2019	1412	57765 JIM RIVER	150000	DALTON HIGHWAY	108.6	108.7
2019	200	57765 JIM RIVER	150000	DALTON HIGHWAY	108.9	109.0
2019	2355	57765 JIM RIVER	150000	DALTON HIGHWAY	109.8	109.9
2019	1544	57765 JIM RIVER	150000	DALTON HIGHWAY	110.7	110.8
2019	2234	57765 JIM RIVER	150000	DALTON HIGHWAY	111.1	111.2
2019	1756	57765 JIM RIVER	150000	DALTON HIGHWAY	111.4	111.5
2019	2646	57765 JIM RIVER	150000	DALTON HIGHWAY	111.7	111.8
2019	2706	57765 JIM RIVER	150000	DALTON HIGHWAY	111.9	112.0
2019	1762	57765 JIM RIVER	150000	DALTON HIGHWAY	115.6	115.7
2019	1242	57765 JIM RIVER	150000	DALTON HIGHWAY	116.9	117.0
2019	2335	57765 JIM RIVER	150000	DALTON HIGHWAY	121.3	121.4
2019	1945	57765 JIM RIVER	150000	DALTON HIGHWAY	122.0	122.1
2019	293	57765 JIM RIVER	150000	DALTON HIGHWAY	124.5	124.6
2019	2854	57765 JIM RIVER	150000	DALTON HIGHWAY	126.8	126.9
2019	1842	57765 JIM RIVER	150000	DALTON HIGHWAY	127.6	127.7
2019	2212	57765 JIM RIVER	150000	DALTON HIGHWAY	127.8	127.9
2019	1401	57765 JIM RIVER	150000	DALTON HIGHWAY	129.6	129.7
2019	2223	57765 JIM RIVER	150000	DALTON HIGHWAY	130.8	130.9
2019	1341	57765 JIM RIVER	150000	DALTON HIGHWAY	132.8	132.9
2019	821	57765 JIM RIVER	150000	DALTON HIGHWAY	134.9	135.0
2019	788	57765 JIM RIVER	150000	DALTON HIGHWAY	135.9	136.0
2019	237	57765 JIM RIVER	150000	DALTON HIGHWAY	136.6	136.7
2019	2888	57765 JIM RIVER	150000	DALTON HIGHWAY	138.2	138.3
2019	1219	57765 JIM RIVER	150000	DALTON HIGHWAY	138.3	138.4
2019	2896	57765 JIM RIVER	150000	DALTON HIGHWAY	141.6	141.7
2019	1155	57765 JIM RIVER	150000	DALTON HIGHWAY	141.7	141.8

2019	2875	57765 JIM RIVER	150000	DALTON HIGHWAY	145.5	145.6
2019	2185	57765 JIM RIVER	150000	DALTON HIGHWAY	147.1	147.2
2019	153	57765 JIM RIVER	150000	DALTON HIGHWAY	147.9	148.0
2019	357	57765 JIM RIVER	150000	DALTON HIGHWAY	148.5	148.6
2019	1596	57765 JIM RIVER	150000	DALTON HIGHWAY	149.5	149.6
2019	1864	57766 SAG RIVER	150000	DALTON HIGHWAY	287.7	287.8
2019	327	57766 SAG RIVER	150000	DALTON HIGHWAY	288.7	288.8
2019	2657	57766 SAG RIVER	150000	DALTON HIGHWAY	293.3	293.4
2019	1024	57766 SAG RIVER	150000	DALTON HIGHWAY	294.3	294.4
2019	2043	57766 SAG RIVER	150000	DALTON HIGHWAY	296.5	296.6
2019	2140	57766 SAG RIVER	150000	DALTON HIGHWAY	299.8	299.9
2019	2120	57766 SAG RIVER	150000	DALTON HIGHWAY	301.3	301.4
2019	2521	57766 SAG RIVER	150000	DALTON HIGHWAY	301.5	301.6
2019	778	57766 SAG RIVER	150000	DALTON HIGHWAY	301.9	302.0
2019	1667	57766 SAG RIVER	150000	DALTON HIGHWAY	302.5	302.6
2019	2116	57766 SAG RIVER	150000	DALTON HIGHWAY	303.2	303.3
2019	1925	57766 SAG RIVER	150000	DALTON HIGHWAY	305.5	305.6
2019	208	57766 SAG RIVER	150000	DALTON HIGHWAY	308.7	308.8
2019	1685	57766 SAG RIVER	150000	DALTON HIGHWAY	309.7	309.8
2019	2985	57766 SAG RIVER	150000	DALTON HIGHWAY	312.1	312.2
2019	805	57766 SAG RIVER	150000	DALTON HIGHWAY	317.4	317.5
2019	1293	57766 SAG RIVER	150000	DALTON HIGHWAY	318.2	318.3
2019	1403	57766 SAG RIVER	150000	DALTON HIGHWAY	318.8	318.9
2019	1362	57766 SAG RIVER	150000	DALTON HIGHWAY	319.1	319.2
2019	2839	57766 SAG RIVER	150000	DALTON HIGHWAY	323.7	323.8
2019	2311	57766 SAG RIVER	150000	DALTON HIGHWAY	324.5	324.6
2019	838	57766 SAG RIVER	150000	DALTON HIGHWAY	324.9	325.0
2019	267	57766 SAG RIVER	150000	DALTON HIGHWAY	326.1	326.2
2019	929	57766 SAG RIVER	150000	DALTON HIGHWAY	326.9	327.0
2019	1339	57766 SAG RIVER	150000	DALTON HIGHWAY	329.0	329.1
2019	2179	57766 SAG RIVER	150000	DALTON HIGHWAY	335.3	335.4
2019	2452	57766 SAG RIVER	150000	DALTON HIGHWAY	336.6	336.7
2019	1110	57766 SAG RIVER	150000	DALTON HIGHWAY	338.0	338.1
2019	1310	57766 SAG RIVER	150000	DALTON HIGHWAY	338.5	338.6
2019	2298	57766 SAG RIVER	150000	DALTON HIGHWAY	338.7	338.8
2019	2332	57766 SAG RIVER	150000	DALTON HIGHWAY	341.5	341.6
2019	566	57766 SAG RIVER	150000	DALTON HIGHWAY	341.7	341.8
2019	159	57766 SAG RIVER	150000	DALTON HIGHWAY	342.1	342.2
2019	1074	57766 SAG RIVER	150000	DALTON HIGHWAY	342.7	342.8
2019	2538	57766 SAG RIVER	150000	DALTON HIGHWAY	346.3	346.4
2019	2216	57766 SAG RIVER	150000	DALTON HIGHWAY	346.4	346.5
2019	2993	57766 SAG RIVER	150000	DALTON HIGHWAY	349.0	349.1
2019	88	57766 SAG RIVER	150000	DALTON HIGHWAY	350.8	350.9
2019	2919	57766 SAG RIVER	150000	DALTON HIGHWAY	351.0	351.1
2019	575	57766 SAG RIVER	150000	DALTON HIGHWAY	354.4	354.5
2019	754	57767 SEVEN MILE	150000	DALTON HIGHWAY	29.0	29.1
2019	2856	57767 SEVEN MILE	150000	DALTON HIGHWAY	29.1	29.2
2019	2390	57767 SEVEN MILE	150000	DALTON HIGHWAY	31.3	31.4
2019	2152	57767 SEVEN MILE	150000	DALTON HIGHWAY	32.0	32.1
2019	2083	57767 SEVEN MILE	150000	DALTON HIGHWAY	32.4	32.5
2019	1418	57767 SEVEN MILE	150000	DALTON HIGHWAY	33.1	33.2
2019	2268	57767 SEVEN MILE	150000	DALTON HIGHWAY	36.3	36.4
2019	2714	57767 SEVEN MILE	150000	DALTON HIGHWAY	38.9	39.0
2019	199	57767 SEVEN MILE	150000	DALTON HIGHWAY	41.3	41.4
2019	2632	57767 SEVEN MILE	150000	DALTON HIGHWAY	43.6	43.7
2019	2878	57767 SEVEN MILE	150000	DALTON HIGHWAY	43.9	44.0
2019	2031	57767 SEVEN MILE	150000	DALTON HIGHWAY	45.6	45.7
2019	1320	57767 SEVEN MILE	150000	DALTON HIGHWAY	48.3	48.4
2019	1533	57767 SEVEN MILE	150000	DALTON HIGHWAY	51.2	51.3
2019	888	57767 SEVEN MILE	150000	DALTON HIGHWAY	57.9	58.0

2019	211	57767 SEVEN MILE	150000	DALTON HIGHWAY	60.3	60.4
2019	2188	57767 SEVEN MILE	150000	DALTON HIGHWAY	60.9	61.0
2019	264	57767 SEVEN MILE	150000	DALTON HIGHWAY	61.3	61.4
2019	2361	57767 SEVEN MILE	150000	DALTON HIGHWAY	63.2	63.3
2019	261	57767 SEVEN MILE	150000	DALTON HIGHWAY	66.5	66.6
2019	2423	57767 SEVEN MILE	150000	DALTON HIGHWAY	68.6	68.7
2019	940	57767 SEVEN MILE	150000	DALTON HIGHWAY	69.1	69.2
2019	1604	57767 SEVEN MILE	150000	DALTON HIGHWAY	71.8	71.9
2019	401	57767 SEVEN MILE	150000	DALTON HIGHWAY	72.6	72.7
2019	915	57767 SEVEN MILE	150000	DALTON HIGHWAY	74.2	74.3
2019	1955	57767 SEVEN MILE	150000	DALTON HIGHWAY	74.9	75.0
2019	517	57767 SEVEN MILE	150000	DALTON HIGHWAY	76.7	76.8
2019	1870	57767 SEVEN MILE	150000	DALTON HIGHWAY	81.3	81.4
2019	2444	57767 SEVEN MILE	150000	DALTON HIGHWAY	84.3	84.4
2019	1635	57767 SEVEN MILE	150000	DALTON HIGHWAY	86.6	86.7
2019	412	57767 SEVEN MILE	150000	DALTON HIGHWAY	88.4	88.5
2019	745	57767 SEVEN MILE	150000	DALTON HIGHWAY	88.7	88.8
2019	1754	57767 SEVEN MILE	150000	DALTON HIGHWAY	95.7	95.8
2019	916	57767 SEVEN MILE	150000	DALTON HIGHWAY	97.9	98.0
2019	2711	57774 CANTWELL	140000	DENALI HIGHWAY	60.3	60.4
2019	1676	57774 CANTWELL	140000	DENALI HIGHWAY	60.4	60.5
2019	2543	57774 CANTWELL	140000	DENALI HIGHWAY	61.5	61.6
2019	713	57774 CANTWELL	140000	DENALI HIGHWAY	62.9	63.0
2019	2167	57774 CANTWELL	140000	DENALI HIGHWAY	63.5	63.6
2019	2019	57774 CANTWELL	140000	DENALI HIGHWAY	67.3	67.4
2019	1216	57774 CANTWELL	140000	DENALI HIGHWAY	67.8	67.9
2019	1630	57774 CANTWELL	140000	DENALI HIGHWAY	68.8	68.9
2019	2169	57774 CANTWELL	140000	DENALI HIGHWAY	71.5	71.6
2019	257	57774 CANTWELL	140000	DENALI HIGHWAY	73.2	73.3
2019	945	57774 CANTWELL	140000	DENALI HIGHWAY	73.6	73.7
2019	1244	57774 CANTWELL	140000	DENALI HIGHWAY	75.1	75.2
2019	336	57774 CANTWELL	140000	DENALI HIGHWAY	76.2	76.3
2019	2515	57774 CANTWELL	140000	DENALI HIGHWAY	78.1	78.2
2019	1323	57774 CANTWELL	140000	DENALI HIGHWAY	78.5	78.6
2019	1535	57774 CANTWELL	140000	DENALI HIGHWAY	78.8	78.9
2019	882	57774 CANTWELL	140000	DENALI HIGHWAY	78.9	79.0
2019	880	57774 CANTWELL	140000	DENALI HIGHWAY	80.7	80.8
2019	1068	57774 CANTWELL	140000	DENALI HIGHWAY	81.3	81.4
2019	250	57774 CANTWELL	140000	DENALI HIGHWAY	83.5	83.6
2019	1804	57774 CANTWELL	140000	DENALI HIGHWAY	85.2	85.3
2019	1249	57774 CANTWELL	140000	DENALI HIGHWAY	85.3	85.4
2019	1814	57774 CANTWELL	140000	DENALI HIGHWAY	86.8	86.9
2019	2731	57774 CANTWELL	140000	DENALI HIGHWAY	87.5	87.6
2019	2660	57774 CANTWELL	140000	DENALI HIGHWAY	88.3	88.4
2019	1889	57774 CANTWELL	140000	DENALI HIGHWAY	93.2	93.3
2019	776	57774 CANTWELL	140000	DENALI HIGHWAY	94.4	94.5
2019	45	57774 CANTWELL	140000	DENALI HIGHWAY	96.7	96.8
2019	1971	57774 CANTWELL	140000	DENALI HIGHWAY	98.0	98.1
2019	1671	57774 CANTWELL	140000	DENALI HIGHWAY	98.8	98.9
2019	2225	57774 CANTWELL	140000	DENALI HIGHWAY	98.9	99.0
2019	1479	57774 CANTWELL	140000	DENALI HIGHWAY	99.4	99.5
2019	90	57774 CANTWELL	140000	DENALI HIGHWAY	101.1	101.2
2019	322	57774 CANTWELL	140000	DENALI HIGHWAY	107.4	107.5
2019	138	57774 CANTWELL	140000	DENALI HIGHWAY	110.3	110.4
2019	389	57774 CANTWELL	140000	DENALI HIGHWAY	111.9	112.0
2019	1941	57774 CANTWELL	140000	DENALI HIGHWAY	114.5	114.6
2019	543	57774 CANTWELL	140000	DENALI HIGHWAY	114.6	114.7
2019	614	57774 CANTWELL	140000	DENALI HIGHWAY	115.4	115.5
2019	31	57774 CANTWELL	140000	DENALI HIGHWAY	116.1	116.2
2019	599	57774 CANTWELL	140000	DENALI HIGHWAY	118.9	119.0

2019	2916	57774 CANTWELL	140000	DENALI HIGHWAY	120.5	120.6
2019	1786	57774 CANTWELL	140000	DENALI HIGHWAY	122.3	122.4
2019	1532	57774 CANTWELL	140000	DENALI HIGHWAY	122.4	122.5
2019	1066	57774 CANTWELL	140000	DENALI HIGHWAY	122.6	122.7
2019	2067	57774 CANTWELL	140000	DENALI HIGHWAY	125.9	126.0
2019	2404	57774 CANTWELL	140000	DENALI HIGHWAY	127.6	127.7
2019	1674	57774 CANTWELL	140000	DENALI HIGHWAY	130.2	130.3
2019	1089	57774 CANTWELL	140000	DENALI HIGHWAY	130.3	130.4
2019	2219	57774 CANTWELL	140000	DENALI HIGHWAY	132.4	132.5
2019	2135	57774 CANTWELL	140000	DENALI HIGHWAY	133.8	133.9
2019	1409	57774 CANTWELL	147000	OLD ANCHORAGE-FAIRBANKS HIGHWA	0.1	0.2
2019	1912	57774 CANTWELL	170000	PARKS HIGHWAY	159.5	159.6
2019	1091	57774 CANTWELL	170000	PARKS HIGHWAY	160.2	160.3
2019	1631	57774 CANTWELL	170000	PARKS HIGHWAY	161.7	161.8
2019	1815	57774 CANTWELL	170000	PARKS HIGHWAY	162.9	163.0
2019	472	57774 CANTWELL	170000	PARKS HIGHWAY	164.2	164.3
2019	2627	57774 CANTWELL	170000	PARKS HIGHWAY	164.7	164.8
2019	2758	57774 CANTWELL	170000	PARKS HIGHWAY	165.5	165.6
2019	1774	57774 CANTWELL	170000	PARKS HIGHWAY	166.9	167.0
2019	1205	57774 CANTWELL	170000	PARKS HIGHWAY	169.5	169.6
2019	2391	57774 CANTWELL	170000	PARKS HIGHWAY	170.6	170.7
2019	2040	57774 CANTWELL	170000	PARKS HIGHWAY	176.1	176.2
2019	1351	57774 CANTWELL	170000	PARKS HIGHWAY	176.3	176.4
2019	2071	57774 CANTWELL	170000	PARKS HIGHWAY	177.5	177.6
2019	63	57774 CANTWELL	170000	PARKS HIGHWAY	178.7	178.8
2019	1590	57774 CANTWELL	170000	PARKS HIGHWAY	182.2	182.3
2019	584	57774 CANTWELL	170000	PARKS HIGHWAY	187.0	187.1
2019	1569	57774 CANTWELL	170000	PARKS HIGHWAY	187.9	188.0
2019	1643	57774 CANTWELL	170000	PARKS HIGHWAY	188.7	188.8
2019	464	57774 CANTWELL	170000	PARKS HIGHWAY	190.1	190.2
2019	456	57774 CANTWELL	170000	PARKS HIGHWAY	190.5	190.6
2019	525	57774 CANTWELL	172600	CANTWELL ROAD	0.1	0.2
2019	652	57775 EAST FORK	170000	PARKS HIGHWAY	139.7	139.8
2019	1820	57775 EAST FORK	170000	PARKS HIGHWAY	141.7	141.8
2019	1255	57775 EAST FORK	170000	PARKS HIGHWAY	142.9	143.0
2019	965	57775 EAST FORK	170000	PARKS HIGHWAY	143.9	144.0
2019	60	57775 EAST FORK	170000	PARKS HIGHWAY	146.6	146.7
2019	2570	57775 EAST FORK	170000	PARKS HIGHWAY	147.1	147.2
2019	1665	57775 EAST FORK	170000	PARKS HIGHWAY	147.3	147.4
2019	2036	57775 EAST FORK	170000	PARKS HIGHWAY	148.0	148.1
2019	2746	57775 EAST FORK	170000	PARKS HIGHWAY	149.2	149.3
2019	179	57775 EAST FORK	170000	PARKS HIGHWAY	153.6	153.7
2019	2600	57775 EAST FORK	170000	PARKS HIGHWAY	155.2	155.3
2019	1163	57775 EAST FORK	170000	PARKS HIGHWAY	156.0	156.1
2019	2783	57775 EAST FORK	170000	PARKS HIGHWAY	156.5	156.6
2019	1670	57775 EAST FORK	170000	PARKS HIGHWAY	157.1	157.2
2019	2546	57776 HEALY	170000	PARKS HIGHWAY	194.1	194.2
2019	373	57776 HEALY	170000	PARKS HIGHWAY	194.4	194.5
2019	2781	57776 HEALY	170000	PARKS HIGHWAY	197.9	198.0
2019	1268	57776 HEALY	170000	PARKS HIGHWAY	198.1	198.2
2019	2463	57776 HEALY	170000	PARKS HIGHWAY	198.3	198.4
2019	833	57776 HEALY	170000	PARKS HIGHWAY	200.4	200.5
2019	2203	57776 HEALY	170000	PARKS HIGHWAY	207.4	207.5
2019	431	57776 HEALY	170000	PARKS HIGHWAY	210.1	210.2
2019	669	57776 HEALY	170000	PARKS HIGHWAY	210.2	210.3
2019	2014	57776 HEALY	170000	PARKS HIGHWAY	215.1	215.2
2019	2421	57776 HEALY	170000	PARKS HIGHWAY	215.5	215.6
2019	325	57776 HEALY	170000	PARKS HIGHWAY	216.0	216.1
2019	112	57776 HEALY	170000	PARKS HIGHWAY	217.0	217.1
2019	763	57776 HEALY	170000	PARKS HIGHWAY	217.2	217.3

2019	494	57776 HEALY	170000	PARKS HIGHWAY	218.6	218.7
2019	855	57776 HEALY	170000	PARKS HIGHWAY	218.9	219.0
2019	2001	57776 HEALY	170000	PARKS HIGHWAY	220.2	220.3
2019	244	57776 HEALY	170000	PARKS HIGHWAY	220.5	220.6
2019	235	57776 HEALY	170000	PARKS HIGHWAY	223.1	223.2
2019	1566	57776 HEALY	170000	PARKS HIGHWAY	223.7	223.8
2019	1621	57776 HEALY	170000	PARKS HIGHWAY	225.8	225.9
2019	1911	57776 HEALY	170000	PARKS HIGHWAY	226.6	226.7
2019	961	57776 HEALY	170000	PARKS HIGHWAY	226.9	227.0
2019	1725	57776 HEALY	170000	PARKS HIGHWAY	227.8	227.9
2019	207	57776 HEALY	170000	PARKS HIGHWAY	227.9	228.0
2019	1459	57776 HEALY	170000	PARKS HIGHWAY	228.3	228.4
2019	815	57776 HEALY	170000	PARKS HIGHWAY	231.0	231.1
2019	1906	57776 HEALY	170000	PARKS HIGHWAY	231.4	231.5
2019	577	57776 HEALY	170000	PARKS HIGHWAY	231.6	231.7
2019	1978	57776 HEALY	170000	PARKS HIGHWAY	233.0	233.1
2019	1082	57776 HEALY	170000	PARKS HIGHWAY	234.6	234.7
2019	2328	57776 HEALY	170000	PARKS HIGHWAY	237.8	237.9
2019	438	57776 HEALY	170000	PARKS HIGHWAY	238.3	238.4
2019	1877	57776 HEALY	170000	PARKS HIGHWAY	239.3	239.4
2019	2573	57776 HEALY	172625	OLD PARKS @ MCKINLEY ROAD	0.3	0.4
2019	2236	57776 HEALY	173300	OTTO LAKE ROAD	0.8	0.9
2019	510	57776 HEALY	173330	KILLIAN ROAD	0.7	0.8
2019	2406	57776 HEALY	173330	KILLIAN ROAD	1.0	1.1
2019	622	57776 HEALY	173500	HEALY SPUR ROAD	1.3	1.4
2019	268	57776 HEALY	173650	PARK LANE	0.2	0.3
2019	2587	57776 HEALY	173700	LIGNITE ROAD	0.8	0.9
2019	2338	57776 HEALY	173700	LIGNITE ROAD	2.1	2.2
2019	1128	57776 HEALY	174000	STAMPEDE ROAD	0.7	0.8
2019	1956	57776 HEALY	174000	STAMPEDE ROAD	1.4	1.5
2019	1199	57776 HEALY	174000	STAMPEDE ROAD	3.4	3.5
2019	2485	57777 LIVENGGOOD	150000	DALTON HIGHWAY	5.1	5.2
2019	2947	57777 LIVENGGOOD	150000	DALTON HIGHWAY	7.8	7.9
2019	1088	57777 LIVENGGOOD	150000	DALTON HIGHWAY	8.0	8.1
2019	2502	57777 LIVENGGOOD	150000	DALTON HIGHWAY	8.3	8.4
2019	1659	57777 LIVENGGOOD	150000	DALTON HIGHWAY	8.7	8.8
2019	892	57777 LIVENGGOOD	150000	DALTON HIGHWAY	10.4	10.5
2019	2591	57777 LIVENGGOOD	150000	DALTON HIGHWAY	14.1	14.2
2019	2346	57777 LIVENGGOOD	150000	DALTON HIGHWAY	17.2	17.3
2019	1744	57777 LIVENGGOOD	150000	DALTON HIGHWAY	20.2	20.3
2019	185	57777 LIVENGGOOD	150000	DALTON HIGHWAY	20.8	20.9
2019	445	57777 LIVENGGOOD	150000	DALTON HIGHWAY	22.3	22.4
2019	2584	57777 LIVENGGOOD	150000	DALTON HIGHWAY	23.5	23.6
2019	1882	57777 LIVENGGOOD	150000	DALTON HIGHWAY	28.5	28.6
2019	947	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	27.6	27.7
2019	2932	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	27.7	27.8
2019	240	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	31.4	31.5
2019	1158	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	31.6	31.7
2019	1161	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	35.3	35.4
2019	756	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	36.2	36.3
2019	2099	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	37.8	37.9
2019	1998	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	40.3	40.4
2019	2011	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	41.4	41.5
2019	2682	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	42.3	42.4
2019	604	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	47.1	47.2
2019	664	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	47.2	47.3
2019	1472	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	48.5	48.6
2019	1122	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	49.4	49.5
2019	534	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	50.7	50.8
2019	967	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	52.0	52.1

2019	2815	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	52.5	52.6
2019	2237	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	53.2	53.3
2019	2251	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	54.3	54.4
2019	1543	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	56.6	56.7
2019	2943	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	58.2	58.3
2019	219	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	58.8	58.9
2019	970	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	59.4	59.5
2019	2105	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	59.7	59.8
2019	726	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	61.3	61.4
2019	549	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	61.7	61.8
2019	2413	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	63.3	63.4
2019	2626	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	64.2	64.3
2019	912	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	64.6	64.7
2019	984	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	66.6	66.7
2019	224	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	68.7	68.8
2019	860	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	74.0	74.1
2019	1150	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	74.1	74.2
2019	2334	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	74.3	74.4
2019	536	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	79.1	79.2
2019	1841	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	80.8	80.9
2019	1714	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	81.2	81.3
2019	143	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	82.3	82.4
2019	152	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	84.3	84.4
2019	451	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	85.5	85.6
2019	2424	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	87.1	87.2
2019	132	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	88.3	88.4
2019	1826	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	89.9	90.0
2019	2085	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	90.4	90.5
2019	895	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	91.4	91.5
2019	1704	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	92.1	92.2
2019	2411	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	92.2	92.3
2019	2331	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	93.3	93.4
2019	2045	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	93.8	93.9
2019	202	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	94.0	94.1
2019	1788	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	95.2	95.3
2019	2057	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	98.5	98.6
2019	1360	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	99.5	99.6
2019	2082	57777 LIVENGGOOD	153000	ELLIOTT HIGHWAY	100.4	100.5
2019	1485	57778 MANLEY	153000	ELLIOTT HIGHWAY	115.7	115.8
2019	785	57778 MANLEY	153000	ELLIOTT HIGHWAY	117.2	117.3
2019	1129	57778 MANLEY	153000	ELLIOTT HIGHWAY	119.0	119.1
2019	1182	57778 MANLEY	153000	ELLIOTT HIGHWAY	120.6	120.7
2019	670	57778 MANLEY	153000	ELLIOTT HIGHWAY	121.8	121.9
2019	1355	57778 MANLEY	153000	ELLIOTT HIGHWAY	122.3	122.4
2019	1594	57778 MANLEY	153000	ELLIOTT HIGHWAY	126.3	126.4
2019	841	57778 MANLEY	153000	ELLIOTT HIGHWAY	127.5	127.6
2019	2422	57778 MANLEY	153000	ELLIOTT HIGHWAY	127.7	127.8
2019	2	57778 MANLEY	153000	ELLIOTT HIGHWAY	129.1	129.2
2019	1939	57778 MANLEY	153000	ELLIOTT HIGHWAY	129.2	129.3
2019	1366	57778 MANLEY	153000	ELLIOTT HIGHWAY	132.7	132.8
2019	1780	57778 MANLEY	153000	ELLIOTT HIGHWAY	133.9	134.0
2019	1614	57778 MANLEY	153000	ELLIOTT HIGHWAY	134.8	134.9
2019	1703	57778 MANLEY	153000	ELLIOTT HIGHWAY	136.2	136.3
2019	806	57778 MANLEY	153000	ELLIOTT HIGHWAY	138.3	138.4
2019	269	57778 MANLEY	153000	ELLIOTT HIGHWAY	141.1	141.2
2019	1828	57778 MANLEY	153000	ELLIOTT HIGHWAY	143.8	143.9
2019	831	57778 MANLEY	153000	ELLIOTT HIGHWAY	146.1	146.2
2019	671	57778 MANLEY	153030	MINTO ROAD	1.6	1.7
2019	2557	57778 MANLEY	153030	MINTO ROAD	2.1	2.2
2019	1798	57778 MANLEY	153030	MINTO ROAD	3.1	3.2

2019	1387	57778 MANLEY	153030	MINTO ROAD	3.3	3.4
2019	2792	57778 MANLEY	153030	MINTO ROAD	3.4	3.5
2019	567	57778 MANLEY	153030	MINTO ROAD	4.7	4.8
2019	2842	57778 MANLEY	153030	MINTO ROAD	8.0	8.1
2019	2226	57778 MANLEY	153030	MINTO ROAD	8.4	8.5
2019	312	57778 MANLEY	153030	MINTO ROAD	8.8	8.9
2019	1779	57778 MANLEY	153030	MINTO ROAD	9.7	9.8
2019	131	57778 MANLEY	153050	EUREKA-RAMPART ROAD	1.1	1.2
2019	2753	57778 MANLEY	153050	EUREKA-RAMPART ROAD	6.5	6.6
2019	416	57778 MANLEY	153050	EUREKA-RAMPART ROAD	11.8	11.9
2019	1529	57778 MANLEY	153070	TOFTY ROAD	1.3	1.4
2019	936	57778 MANLEY	153070	TOFTY ROAD	3.8	3.9
2019	204	57778 MANLEY	153070	TOFTY ROAD	5.1	5.2
2019	2757	57778 MANLEY	153070	TOFTY ROAD	8.1	8.2
2019	1564	57778 MANLEY	153070	TOFTY ROAD	9.2	9.3
2019	190	57778 MANLEY	153070	TOFTY ROAD	12.6	12.7
2019	514	57778 MANLEY	153070	TOFTY ROAD	16.6	16.7
2019	145	57778 MANLEY	153070	TOFTY ROAD	19.8	19.9
2019	2722	57778 MANLEY	153070	TOFTY ROAD	22.2	22.3
2019	1440	57778 MANLEY	153070	TOFTY ROAD	22.3	22.4
2019	2270	57778 MANLEY	153070	TOFTY ROAD	22.8	22.9
2019	1500	57778 MANLEY	153070	TOFTY ROAD	23.0	23.1
2019	1253	57778 MANLEY	153070	TOFTY ROAD	27.8	27.9
2019	192	57778 MANLEY	153070	TOFTY ROAD	28.4	28.5
2019	1063	57778 MANLEY	153070	TOFTY ROAD	29.2	29.3
2019	964	57778 MANLEY	153070	TOFTY ROAD	31.3	31.4
2019	1257	57778 MANLEY	153070	TOFTY ROAD	36.4	36.5
2019	2434	57778 MANLEY	153070	TOFTY ROAD	37.4	37.5
2019	1742	57778 MANLEY	153070	TOFTY ROAD	37.5	37.6
2019	1948	57778 MANLEY	153070	TOFTY ROAD	38.7	38.8
2019	1551	57778 MANLEY	153070	TOFTY ROAD	39.2	39.3
2019	2605	57778 MANLEY	153070	TOFTY ROAD	40.1	40.2
2019	784	57778 MANLEY	153070	TOFTY ROAD	41.7	41.8
2019	2228	57778 MANLEY	153070	TOFTY ROAD	42.1	42.2
2019	853	57778 MANLEY	153070	TOFTY ROAD	43.0	43.1
2019	1363	57778 MANLEY	153070	TOFTY ROAD	43.8	43.9
2019	824	57778 MANLEY	153070	TOFTY ROAD	48.4	48.5
2019	442	57779 NENANA	170000	PARKS HIGHWAY	242.5	242.6
2019	578	57779 NENANA	170000	PARKS HIGHWAY	244.0	244.1
2019	840	57779 NENANA	170000	PARKS HIGHWAY	245.3	245.4
2019	1246	57779 NENANA	170000	PARKS HIGHWAY	246.8	246.9
2019	1790	57779 NENANA	170000	PARKS HIGHWAY	249.0	249.1
2019	252	57779 NENANA	170000	PARKS HIGHWAY	251.6	251.7
2019	478	57779 NENANA	170000	PARKS HIGHWAY	258.4	258.5
2019	1952	57779 NENANA	170000	PARKS HIGHWAY	262.1	262.2
2019	1115	57779 NENANA	170000	PARKS HIGHWAY	262.4	262.5
2019	963	57779 NENANA	170000	PARKS HIGHWAY	263.0	263.1
2019	1108	57779 NENANA	170000	PARKS HIGHWAY	263.6	263.7
2019	2379	57779 NENANA	170000	PARKS HIGHWAY	264.9	265.0
2019	496	57779 NENANA	170000	PARKS HIGHWAY	265.6	265.7
2019	852	57779 NENANA	170000	PARKS HIGHWAY	267.7	267.8
2019	1172	57779 NENANA	170000	PARKS HIGHWAY	268.4	268.5
2019	950	57779 NENANA	170000	PARKS HIGHWAY	271.5	271.6
2019	198	57779 NENANA	170000	PARKS HIGHWAY	273.2	273.3
2019	1029	57779 NENANA	170000	PARKS HIGHWAY	275.0	275.1
2019	1840	57779 NENANA	170000	PARKS HIGHWAY	276.7	276.8
2019	1629	57779 NENANA	170000	PARKS HIGHWAY	276.9	277.0
2019	1221	57779 NENANA	170000	PARKS HIGHWAY	278.4	278.5
2019	1356	57779 NENANA	170000	PARKS HIGHWAY	283.4	283.5
2019	2305	57779 NENANA	170000	PARKS HIGHWAY	285.8	285.9

2019	1582	57779 NENANA	170000	PARKS HIGHWAY	288.5	288.6
2019	934	57779 NENANA	170000	PARKS HIGHWAY	290.8	290.9
2019	2965	57779 NENANA	170000	PARKS HIGHWAY	291.7	291.8
2019	1753	57779 NENANA	170000	PARKS HIGHWAY	297.6	297.7
2019	2132	57779 NENANA	170000	PARKS HIGHWAY	298.4	298.5
2019	1206	57779 NENANA	170000	PARKS HIGHWAY	299.5	299.6
2019	167	57779 NENANA	170000	PARKS HIGHWAY	302.0	302.1
2019	2489	57779 NENANA	170000	PARKS HIGHWAY	303.5	303.6
2019	2324	57779 NENANA	170000	PARKS HIGHWAY	304.7	304.8
2019	2247	57779 NENANA	170000	PARKS HIGHWAY	305.1	305.2
2019	384	57779 NENANA	170000	PARKS HIGHWAY	305.4	305.5
2019	1642	57779 NENANA	170000	PARKS HIGHWAY	306.6	306.7
2019	1264	57779 NENANA	174300	ANDERSON ROAD	0.5	0.6
2019	2969	57779 NENANA	174300	ANDERSON ROAD	3.0	3.1
2019	1808	57779 NENANA	174300	ANDERSON ROAD	4.0	4.1
2019	383	57779 NENANA	174350	CLEAR ROAD	0.0	0.1
2019	786	57779 NENANA	174504	NOOUTLET ROAD	0.2	0.3
2019	1154	57786 FAIRBANKS	150045	TRAINOR GATE ROAD	0.2	0.3
2019	2217	57786 FAIRBANKS	150045	TRAINOR GATE ROAD	0.3	0.4
2019	2455	57786 FAIRBANKS	150100	COLLEGE ROAD	1.4	1.5
2019	1649	57786 FAIRBANKS	150100	COLLEGE ROAD	2.4	2.5
2019	1563	57786 FAIRBANKS	150100	COLLEGE ROAD	3.6	3.7
2019	1245	57786 FAIRBANKS	150105	OLD STEESE @ FOX	2.0	2.1
2019	2940	57786 FAIRBANKS	150105	OLD STEESE @ FOX	2.9	3.0
2019	627	57786 FAIRBANKS	150105	OLD STEESE @ FOX	5.3	5.4
2019	932	57786 FAIRBANKS	150105	OLD STEESE @ FOX	6.3	6.4
2019	1429	57786 FAIRBANKS	150105	OLD STEESE @ FOX	7.4	7.5
2019	2905	57786 FAIRBANKS	150145	BALLAINE ROAD	0.3	0.4
2019	1231	57786 FAIRBANKS	150145	BALLAINE ROAD	3.3	3.4
2019	2241	57786 FAIRBANKS	150150	AUBURN DRIVE	0.6	0.7
2019	1457	57786 FAIRBANKS	150155	GRENAC ROAD	0.3	0.4
2019	2982	57786 FAIRBANKS	150170	FIDELER ROAD	0.0	0.1
2019	638	57786 FAIRBANKS	150800	BIRCH HILL ACCESS ROAD	0.9	1.0
2019	354	57786 FAIRBANKS	150800	BIRCH HILL ACCESS ROAD	1.1	1.2
2019	2136	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	1.2	1.3
2019	733	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	1.3	1.4
2019	2145	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	4.8	4.9
2019	283	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	5.2	5.3
2019	2033	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	6.1	6.2
2019	535	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	6.8	6.9
2019	2248	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	7.6	7.7
2019	413	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	8.7	8.8
2019	988	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	9.4	9.5
2019	1377	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	9.9	10.0
2019	339	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	19.4	19.5
2019	2139	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	22.9	23.0
2019	1080	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	24.5	24.6
2019	810	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	26.8	26.9
2019	1287	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	27.4	27.5
2019	585	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	27.5	27.6
2019	1650	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	27.6	27.7
2019	482	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	28.1	28.2
2019	1176	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	29.0	29.1
2019	163	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	32.0	32.1
2019	1505	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	36.6	36.7
2019	19	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	38.2	38.3
2019	75	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	39.5	39.6
2019	330	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	41.8	41.9
2019	254	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	42.7	42.8
2019	1213	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	43.1	43.2

2019	2861	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	47.6	47.7
2019	656	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	47.8	47.9
2019	2074	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	50.3	50.4
2019	1641	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	50.4	50.5
2019	2052	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	53.0	53.1
2019	2395	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	53.5	53.6
2019	1617	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	53.7	53.8
2019	2416	57786 FAIRBANKS	151000	CHENA HOT SPRINGS ROAD	56.0	56.1
2019	949	57786 FAIRBANKS	151040	HAGELBARGER AVENUE	0.3	0.4
2019	467	57786 FAIRBANKS	151080	STEELE CREEK ROAD	0.2	0.3
2019	2204	57786 FAIRBANKS	151210	GILMORE TRAIL	2.0	2.1
2019	36	57786 FAIRBANKS	151210	GILMORE TRAIL	2.3	2.4
2019	1510	57786 FAIRBANKS	151210	GILMORE TRAIL	3.6	3.7
2019	182	57786 FAIRBANKS	151520	SKYLINE DRIVE	0.4	0.5
2019	2438	57786 FAIRBANKS	151520	SKYLINE DRIVE	0.5	0.6
2019	1530	57786 FAIRBANKS	151600	GOLDSTREAM ROAD	1.5	1.6
2019	2827	57786 FAIRBANKS	151600	GOLDSTREAM ROAD	2.0	2.1
2019	2728	57786 FAIRBANKS	151600	GOLDSTREAM ROAD	3.2	3.3
2019	2454	57786 FAIRBANKS	151600	GOLDSTREAM ROAD	5.9	6.0
2019	2320	57786 FAIRBANKS	151600	GOLDSTREAM ROAD	8.1	8.2
2019	2934	57786 FAIRBANKS	151600	GOLDSTREAM ROAD	8.9	9.0
2019	15	57786 FAIRBANKS	151650	SPINACH CREEK ROAD	1.2	1.3
2019	978	57786 FAIRBANKS	151650	SPINACH CREEK ROAD	3.4	3.5
2019	1778	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	1.0	1.1
2019	2202	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	3.8	3.9
2019	2907	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	10.2	10.3
2019	1271	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	14.7	14.8
2019	1859	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	19.8	19.9
2019	908	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	21.2	21.3
2019	1007	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	21.4	21.5
2019	1920	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	22.0	22.1
2019	2072	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	22.7	22.8
2019	2054	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	24.1	24.2
2019	479	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	24.5	24.6
2019	26	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	26.5	26.6
2019	2942	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	26.7	26.8
2019	639	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	28.0	28.1
2019	375	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	28.2	28.3
2019	693	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	30.1	30.2
2019	2633	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	31.9	32.0
2019	1722	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	34.5	34.6
2019	236	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	39.2	39.3
2019	2863	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	41.0	41.1
2019	1894	57786 FAIRBANKS	152000	STEESE EXPRESSWAY/HIGHWAY	41.8	41.9
2019	1848	57786 FAIRBANKS	152000WE	STEESE EXPRESSWAY/HIGHWAY WB	1.2	1.3
2019	116	57786 FAIRBANKS	152000WE	STEESE EXPRESSWAY/HIGHWAY WB	3.2	3.3
2019	1277	57786 FAIRBANKS	152000WE	STEESE EXPRESSWAY/HIGHWAY WB	4.8	4.9
2019	1032	57786 FAIRBANKS	152000WE	STEESE EXPRESSWAY/HIGHWAY WB	7.8	7.9
2019	2131	57786 FAIRBANKS	152010	FAIRBANKS CREEK ROAD	3.0	3.1
2019	407	57786 FAIRBANKS	152010	FAIRBANKS CREEK ROAD	4.3	4.4
2019	365	57786 FAIRBANKS	152010	FAIRBANKS CREEK ROAD	4.7	4.8
2019	1214	57786 FAIRBANKS	152010	FAIRBANKS CREEK ROAD	4.9	5.0
2019	1238	57786 FAIRBANKS	152010	FAIRBANKS CREEK ROAD	6.4	6.5
2019	519	57786 FAIRBANKS	152011	FISH CREEK ROAD	0.7	0.8
2019	2535	57786 FAIRBANKS	152011	FISH CREEK ROAD	2.9	3.0
2019	1903	57786 FAIRBANKS	152011	FISH CREEK ROAD	3.2	3.3
2019	1619	57786 FAIRBANKS	152011	FISH CREEK ROAD	4.2	4.3
2019	1278	57786 FAIRBANKS	153000	ELLIOTT HIGHWAY	13.4	13.5
2019	2563	57786 FAIRBANKS	153000	ELLIOTT HIGHWAY	13.8	13.9
2019	408	57786 FAIRBANKS	153000	ELLIOTT HIGHWAY	18.5	18.6

2019	1079	57786 FAIRBANKS	153000	ELLIOTT HIGHWAY	20.3	20.4
2019	568	57786 FAIRBANKS	153000	ELLIOTT HIGHWAY	21.4	21.5
2019	2469	57786 FAIRBANKS	153000	ELLIOTT HIGHWAY	22.2	22.3
2019	1025	57786 FAIRBANKS	170000	PARKS HIGHWAY	307.2	307.3
2019	1193	57786 FAIRBANKS	170000	PARKS HIGHWAY	307.5	307.6
2019	321	57786 FAIRBANKS	170000	PARKS HIGHWAY	309.3	309.4
2019	2307	57786 FAIRBANKS	170000	PARKS HIGHWAY	310.3	310.4
2019	48	57786 FAIRBANKS	170000	PARKS HIGHWAY	311.2	311.3
2019	2053	57786 FAIRBANKS	170000	PARKS HIGHWAY	311.3	311.4
2019	2560	57786 FAIRBANKS	170000	PARKS HIGHWAY	312.1	312.2
2019	1663	57786 FAIRBANKS	170000	PARKS HIGHWAY	312.5	312.6
2019	2195	57786 FAIRBANKS	170000	PARKS HIGHWAY	313.3	313.4
2019	728	57786 FAIRBANKS	170000	PARKS HIGHWAY	314.4	314.5
2019	1335	57786 FAIRBANKS	170000	PARKS HIGHWAY	317.3	317.4
2019	176	57786 FAIRBANKS	170000	PARKS HIGHWAY	317.9	318.0
2019	969	57786 FAIRBANKS	170000	PARKS HIGHWAY	319.6	319.7
2019	1465	57786 FAIRBANKS	170000SF	PARKS HIGHWAY SB FAIRBANKS	0.2	0.3
2019	2238	57786 FAIRBANKS	170000SF	PARKS HIGHWAY SB FAIRBANKS	0.7	0.8
2019	1891	57786 FAIRBANKS	170000SF	PARKS HIGHWAY SB FAIRBANKS	1.3	1.4
2019	2687	57786 FAIRBANKS	170000SF	PARKS HIGHWAY SB FAIRBANKS	1.8	1.9
2019	2464	57786 FAIRBANKS	170000SF	PARKS HIGHWAY SB FAIRBANKS	2.5	2.6
2019	2371	57786 FAIRBANKS	170000SF	PARKS HIGHWAY SB FAIRBANKS	4.1	4.2
2019	388	57786 FAIRBANKS	170000SF	PARKS HIGHWAY SB FAIRBANKS	6.4	6.5
2019	556	57786 FAIRBANKS	172728	AIRPORT WAY N FRONTAGE ROAD	0.0	0.1
2019	729	57786 FAIRBANKS	175100	GOLDHILL ROAD	0.7	0.8
2019	2244	57786 FAIRBANKS	175100	GOLDHILL ROAD	2.5	2.6
2019	570	57786 FAIRBANKS	175105	HENDERSON ROAD	2.2	2.3
2019	371	57786 FAIRBANKS	175121	SAINT PATRICK ROAD	0.8	0.9
2019	1813	57786 FAIRBANKS	175400	SHEEP CREEK ROAD	1.5	1.6
2019	1880	57786 FAIRBANKS	175400	SHEEP CREEK ROAD	3.9	4.0
2019	2349	57786 FAIRBANKS	175425	MILLER HILL ROAD	0.2	0.3
2019	712	57786 FAIRBANKS	175425	MILLER HILL ROAD	0.4	0.5
2019	1450	57786 FAIRBANKS	175426	DALTON TRAIL	0.3	0.4
2019	2897	57786 FAIRBANKS	175460	ESTER DOME ROAD	1.3	1.4
2019	1536	57786 FAIRBANKS	175460	ESTER DOME ROAD	2.5	2.6
2019	1853	57786 FAIRBANKS	175480	MURPHY DOME ROAD	0.2	0.3
2019	1349	57786 FAIRBANKS	175480	MURPHY DOME ROAD	2.3	2.4
2019	2604	57786 FAIRBANKS	175480	MURPHY DOME ROAD	3.7	3.8
2019	1522	57786 FAIRBANKS	175480	MURPHY DOME ROAD	6.7	6.8
2019	1946	57786 FAIRBANKS	175480	MURPHY DOME ROAD	8.3	8.4
2019	1201	57786 FAIRBANKS	175480	MURPHY DOME ROAD	9.9	10.0
2019	1960	57786 FAIRBANKS	175480	MURPHY DOME ROAD	10.2	10.3
2019	958	57786 FAIRBANKS	175480	MURPHY DOME ROAD	10.8	10.9
2019	125	57786 FAIRBANKS	175480	MURPHY DOME ROAD	12.7	12.8
2019	1768	57786 FAIRBANKS	175500	CHENA RIDGE/CHENA PUMP ROAD	6.9	7.0
2019	503	57786 FAIRBANKS	175501	OLD CHENA PUMP ROAD	0.0	0.1
2019	2084	57786 FAIRBANKS	175502	CHENA RIDGE SPUR ROAD	0.0	0.1
2019	1299	57786 FAIRBANKS	175506	PARKS SB - GEIST RAMP	0.3	0.4
2019	1061	57786 FAIRBANKS	175508	GEIST - PARKS NB RAMP	0.1	0.2
2019	2984	57786 FAIRBANKS	175510	CHENA PUMP ROAD	0.8	0.9
2019	2134	57786 FAIRBANKS	175510	CHENA PUMP ROAD	0.9	1.0
2019	473	57786 FAIRBANKS	175510	CHENA PUMP ROAD	2.0	2.1
2019	310	57786 FAIRBANKS	175510	CHENA PUMP ROAD	3.9	4.0
2019	2512	57786 FAIRBANKS	175700	AIRPORT WAY	0.4	0.5
2019	1755	57786 FAIRBANKS	175700	AIRPORT WAY	2.9	3.0
2019	2630	57786 FAIRBANKS	175700	AIRPORT WAY	3.9	4.0
2019	1672	57786 FAIRBANKS	175700	AIRPORT WAY	4.7	4.8
2019	161	57786 FAIRBANKS	175702	AIRPORT WAY FRONTAGE ROAD N2	0.4	0.5
2019	2313	57786 FAIRBANKS	175706	14TH (GILLIAM) AVENUE	0.0	0.1
2019	2461	57786 FAIRBANKS	175711	AVENUE OF FLAGS	0.3	0.4

2019	2173	57786 FAIRBANKS	175712	AIRPORT WAY WB - PARKS NB RAMP	0.1	0.2
2019	221	57786 FAIRBANKS	175714	PARKS SB - AIRPORT WAY WB RAMP	0.3	0.4
2019	2153	57786 FAIRBANKS	175720	DALE ROAD	0.4	0.5
2019	184	57786 FAIRBANKS	175720	DALE ROAD	0.6	0.7
2019	2387	57786 FAIRBANKS	175800	GEIST ROAD	0.8	0.9
2019	1390	57786 FAIRBANKS	175820	OLD AIRPORT ROAD	0.0	0.1
2019	1845	57786 FAIRBANKS	175900	UNIVERSITY AVENUE	3.1	3.2
2019	2495	57786 FAIRBANKS	175900	UNIVERSITY AVENUE	3.4	3.5
2019	400	57786 FAIRBANKS	176120	PEGGER ROAD	0.1	0.2
2019	2218	57786 FAIRBANKS	176120	PEGGER ROAD	2.0	2.1
2019	2162	57786 FAIRBANKS	176121	VAN HORN ROAD	0.8	0.9
2019	1701	57786 FAIRBANKS	176121	VAN HORN ROAD	3.5	3.6
2019	2892	57786 FAIRBANKS	176121	VAN HORN ROAD	3.8	3.9
2019	64	57786 FAIRBANKS	176121	VAN HORN ROAD	4.2	4.3
2019	1664	57786 FAIRBANKS	176300	CUSHMAN STREET	1.3	1.4
2019	1020	57786 FAIRBANKS	176325	ILLINOIS STREET	0.2	0.3
2019	2378	57786 FAIRBANKS	176392	RICH NB - PARKS WB RAMP	0.0	0.1
2019	1627	57786 FAIRBANKS	177200	JOHANSEN EXPRESSWAY	0.7	0.8
2019	768	57786 FAIRBANKS	177200	JOHANSEN EXPRESSWAY	2.0	2.1
2019	1113	57786 FAIRBANKS	177205	COLLEGE NB - JOHANSEN EB WYE	0.3	0.4
2019	1408	57786 FAIRBANKS	177212	PEGGER SB - JOHANSEN WB RAMP	0.2	0.3
2019	2598	57786 FAIRBANKS	180011	BADGER - RICH WB RAMP	0.2	0.3
2019	1872	57786 FAIRBANKS	187010	SALCHA DRIVE HARDING LAKE	2.3	2.4
2019	2649	57786 FAIRBANKS	187010	SALCHA DRIVE HARDING LAKE	5.7	5.8
2019	2094	57786 FAIRBANKS	187500	CANADAY ROAD	0.4	0.5
2019	302	57786 FAIRBANKS	187900	JOHNSON ROAD	1.7	1.8
2019	2597	57786 FAIRBANKS	187900	JOHNSON ROAD	3.1	3.2
2019	960	57786 FAIRBANKS	187900	JOHNSON ROAD	4.2	4.3
2019	933	57786 FAIRBANKS	188000	OLD RICH/OLD VALDEZ TRAIL @ SA	0.2	0.3
2019	948	57786 FAIRBANKS	188000	OLD RICH/OLD VALDEZ TRAIL @ SA	5.9	6.0
2019	2394	57786 FAIRBANKS	188100	OLD RICH @ EIELSON	0.7	0.8
2019	1718	57786 FAIRBANKS	188100	OLD RICH @ EIELSON	2.5	2.6
2019	1997	57786 FAIRBANKS	188100	OLD RICH @ EIELSON	3.0	3.1
2019	2122	57786 FAIRBANKS	188100	OLD RICH @ EIELSON	3.2	3.3
2019	1523	57786 FAIRBANKS	188200	OLD RICH @ NORTH POLE	1.7	1.8
2019	533	57786 FAIRBANKS	188261	FINELL DRIVE	0.3	0.4
2019	938	57786 FAIRBANKS	188335	BROCK ROAD	1.5	1.6
2019	2756	57786 FAIRBANKS	188370	PEEDE ROAD	1.0	1.1
2019	672	57786 FAIRBANKS	188370	PEEDE ROAD	1.4	1.5
2019	1265	57786 FAIRBANKS	188487	HOLLOWELL ROAD	0.2	0.3
2019	2891	57786 FAIRBANKS	188487	HOLLOWELL ROAD	0.4	0.5
2019	2112	57786 FAIRBANKS	188549	NELSON ROAD	1.0	1.1
2019	309	57786 FAIRBANKS	188549	NELSON ROAD	2.9	3.0
2019	2773	57786 FAIRBANKS	188615	GORDON ROAD	0.3	0.4
2019	2726	57786 FAIRBANKS	188650	LAURANCE ROAD	1.2	1.3
2019	2689	57786 FAIRBANKS	188652	LAURANCE EAST ROAD	0.5	0.6
2019	1580	57786 FAIRBANKS	188652	LAURANCE EAST ROAD	0.6	0.7
2019	1789	57786 FAIRBANKS	188700	NEWBY ROAD	0.4	0.5
2019	1141	57786 FAIRBANKS	188700	NEWBY ROAD	0.7	0.8
2019	2849	57786 FAIRBANKS	188800	BADGER ROAD	1.6	1.7
2019	2210	57786 FAIRBANKS	188800	BADGER ROAD	2.6	2.7
2019	2503	57786 FAIRBANKS	188800	BADGER ROAD	3.6	3.7
2019	736	57786 FAIRBANKS	188800	BADGER ROAD	4.6	4.7
2019	1237	57786 FAIRBANKS	188800	BADGER ROAD	5.6	5.7
2019	1598	57786 FAIRBANKS	188800	BADGER ROAD	9.8	9.9
2019	695	57786 FAIRBANKS	188802	BADGER/RICH SB FRONTAGE ROAD	1.5	1.6
2019	1333	57786 FAIRBANKS	188805	REPP ROAD	0.7	0.8
2019	942	57786 FAIRBANKS	188808	BADGER LOOP - RICH NB RAMP	0.4	0.5
2019	847	57786 FAIRBANKS	188810	BRADWAY ROAD	0.0	0.1
2019	547	57786 FAIRBANKS	188810	BRADWAY ROAD	1.0	1.1

2019	444	57786 FAIRBANKS	188810	BRADWAY ROAD	2.1	2.2
2019	1885	57786 FAIRBANKS	188810	BRADWAY ROAD	2.8	2.9
2019	1322	57786 FAIRBANKS	188810	BRADWAY ROAD	3.0	3.1
2019	1006	57786 FAIRBANKS	188810	BRADWAY ROAD	3.5	3.6
2019	2789	57786 FAIRBANKS	188810	BRADWAY ROAD	3.7	3.8
2019	2113	57786 FAIRBANKS	188810	BRADWAY ROAD	3.9	4.0
2019	2589	57786 FAIRBANKS	188813	NORDALE ROAD	0.3	0.4
2019	136	57786 FAIRBANKS	188813	NORDALE ROAD	4.3	4.4
2019	760	57786 FAIRBANKS	188850	HOLMES ROAD	0.0	0.1
2019	959	57786 FAIRBANKS	188860	HURST ROAD	1.1	1.2
2019	952	57786 FAIRBANKS	188860	HURST ROAD	1.3	1.4
2019	2846	57786 FAIRBANKS	188860	HURST ROAD	1.4	1.5
2019	1700	57786 FAIRBANKS	188860	HURST ROAD	1.5	1.6
2019	2506	57786 FAIRBANKS	188860	HURST ROAD	2.3	2.4
2019	2723	57786 FAIRBANKS	188860	HURST ROAD	4.2	4.3
2019	1220	57786 FAIRBANKS	188865	MISSION ROAD	0.3	0.4
2019	937	57786 FAIRBANKS	188870	DAWSON ROAD	0.6	0.7
2019	527	57786 FAIRBANKS	188872	SAINT NICHOLAS DRIVE	0.0	0.1
2019	1153	57786 FAIRBANKS	188872	SAINT NICHOLAS DRIVE	1.6	1.7
2019	2321	57786 FAIRBANKS	188874	MISTLETOE DRIVE	0.3	0.4
2019	1328	57786 FAIRBANKS	189048	PERSINGER DRIVE	1.4	1.5
2019	1235	57786 FAIRBANKS	189200	OLD RICH @ BADGER ROAD	0.4	0.5
2019	461	57786 FAIRBANKS	189200	OLD RICH @ BADGER ROAD	1.7	1.8
2019	1230	57786 FAIRBANKS	189200	OLD RICH @ BADGER ROAD	2.3	2.4
2019	1380	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	310.2	310.3
2019	524	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	311.6	311.7
2019	2978	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	314.8	314.9
2019	1374	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	316.9	317.0
2019	633	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	317.0	317.1
2019	759	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	317.3	317.4
2019	2870	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	318.0	318.1
2019	746	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	322.5	322.6
2019	884	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	324.4	324.5
2019	777	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	328.4	328.5
2019	34	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	328.7	328.8
2019	2323	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	330.5	330.6
2019	1825	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	331.2	331.3
2019	249	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	333.2	333.3
2019	353	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	335.5	335.6
2019	218	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	340.4	340.5
2019	434	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	340.6	340.7
2019	1179	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	342.1	342.2
2019	1581	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	347.5	347.6
2019	922	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	347.7	347.8
2019	78	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	347.9	348.0
2019	2690	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	348.3	348.4
2019	1698	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	348.4	348.5
2019	800	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	350.0	350.1
2019	1212	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	350.2	350.3
2019	2949	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	352.7	352.8
2019	1489	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	353.2	353.3
2019	1949	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	355.7	355.8
2019	2871	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	355.9	356.0
2019	2651	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	358.2	358.3
2019	795	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	359.3	359.4
2019	303	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	359.9	360.0
2019	1513	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	361.3	361.4
2019	2920	57786 FAIRBANKS	190000	RICHARDSON HIGHWAY	361.4	361.5
2019	2233	57786 FAIRBANKS	190000SB	RICHARDSON HIGHWAY SB	1.0	1.1
2019	2941	57786 FAIRBANKS	190000SB	RICHARDSON HIGHWAY SB	1.7	1.8

2019	1028	57786 FAIRBANKS	190000SB	RICHARDSON HIGHWAY SB	1.9	2.0
2019	1247	57786 FAIRBANKS	190000SB	RICHARDSON HIGHWAY SB	3.5	3.6
2019	1076	57786 FAIRBANKS	190000SB	RICHARDSON HIGHWAY SB	6.6	6.7
2019	596	57786 FAIRBANKS	190000SB	RICHARDSON HIGHWAY SB	9.3	9.4
2019	370	57786 FAIRBANKS	190000SB	RICHARDSON HIGHWAY SB	10.1	10.2
2019	2772	57786 FAIRBANKS	190000SB	RICHARDSON HIGHWAY SB	10.7	10.8
2019	1013	57786 FAIRBANKS	190000SB	RICHARDSON HIGHWAY SB	12.0	12.1
2019	551	57786 FAIRBANKS	190000SB	RICHARDSON HIGHWAY SB	13.3	13.4
2019	649	57786 FAIRBANKS	190000SB	RICHARDSON HIGHWAY SB	14.9	15.0
2019	403	57786 FAIRBANKS	190000SB	RICHARDSON HIGHWAY SB	17.7	17.8
2019	2010	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	46.9	47.0
2019	2316	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	50.7	50.8
2019	2405	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	51.1	51.2
2019	436	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	52.6	52.7
2019	2683	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	55.7	55.8
2019	562	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	56.9	57.0
2019	2329	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	58.1	58.2
2019	2805	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	59.1	59.2
2019	845	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	59.4	59.5
2019	1340	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	61.3	61.4
2019	2643	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	62.4	62.5
2019	2580	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	64.3	64.4
2019	2365	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	65.8	65.9
2019	40	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	66.7	66.8
2019	1669	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	67.1	67.2
2019	2065	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	67.3	67.4
2019	658	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	67.9	68.0
2019	665	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	68.5	68.6
2019	666	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	71.7	71.8
2019	2645	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	72.7	72.8
2019	2158	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	74.2	74.3
2019	2215	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	74.3	74.4
2019	342	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	78.9	79.0
2019	1093	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	79.0	79.1
2019	2923	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	80.1	80.2
2019	539	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	80.3	80.4
2019	813	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	81.0	81.1
2019	2957	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	81.5	81.6
2019	1892	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	82.4	82.5
2019	2963	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	88.6	88.7
2019	1027	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	89.9	90.0
2019	910	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	90.5	90.6
2019	2264	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	95.7	95.8
2019	2744	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	97.7	97.8
2019	228	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	100.9	101.0
2019	404	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	102.7	102.8
2019	100	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	103.9	104.0
2019	2561	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	106.6	106.7
2019	597	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	107.4	107.5
2019	872	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	107.6	107.7
2019	2018	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	108.6	108.7
2019	2341	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	112.4	112.5
2019	769	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	114.3	114.4
2019	326	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	114.6	114.7
2019	1713	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	116.1	116.2
2019	2171	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	116.4	116.5
2019	2752	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	117.2	117.3
2019	2733	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	118.0	118.1
2019	2825	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	118.5	118.6
2019	1151	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	118.7	118.8

2019	2951	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	119.1	119.2
2019	890	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	119.5	119.6
2019	2889	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	120.9	121.0
2019	2505	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	121.1	121.2
2019	1715	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	124.4	124.5
2019	992	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	124.5	124.6
2019	1198	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	127.1	127.2
2019	2612	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	129.6	129.7
2019	743	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	130.3	130.4
2019	569	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	132.5	132.6
2019	347	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	135.2	135.3
2019	573	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	136.0	136.1
2019	68	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	137.7	137.8
2019	1552	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	137.8	137.9
2019	2445	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	138.4	138.5
2019	2944	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	141.6	141.7
2019	2260	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	144.1	144.2
2019	2481	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	144.6	144.7
2019	2186	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	147.9	148.0
2019	1057	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	149.1	149.2
2019	1430	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	151.8	151.9
2019	990	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	153.4	153.5
2019	1324	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	153.8	153.9
2019	21	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	153.9	154.0
2019	20	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	154.8	154.9
2019	2007	57787 MONTANA CREEK	152000	STEESE EXPRESSWAY/HIGHWAY	155.3	155.4
2019	2446	57787 MONTANA CREEK	152035	FAITH CREEK ROAD	0.3	0.4
2019	2979	57787 MONTANA CREEK	152044	MILLER CREEK ROAD	0.1	0.2
2019	433	57787 MONTANA CREEK	152044	MILLER CREEK ROAD	1.2	1.3
2019	1124	57787 MONTANA CREEK	152044	MILLER CREEK ROAD	2.1	2.2
2019	1267	57787 MONTANA CREEK	152045	HARRISON CREEK ROAD	1.5	1.6
2019	1512	57787 MONTANA CREEK	152045	HARRISON CREEK ROAD	1.7	1.8
2019	1059	57787 MONTANA CREEK	152046	PORCUPINE CREEK ROAD	1.0	1.1
2019	1692	57787 MONTANA CREEK	152046	PORCUPINE CREEK ROAD	2.5	2.6
2019	1334	57787 MONTANA CREEK	152050	CIRCLE HOT SPRINGS ROAD	0.5	0.6
2019	1345	57787 MONTANA CREEK	152050	CIRCLE HOT SPRINGS ROAD	3.2	3.3
2019	2396	57787 MONTANA CREEK	152050	CIRCLE HOT SPRINGS ROAD	3.3	3.4
2019	727	57787 MONTANA CREEK	152050	CIRCLE HOT SPRINGS ROAD	5.3	5.4
2019	678	57787 MONTANA CREEK	152050	CIRCLE HOT SPRINGS ROAD	5.9	6.0
2019	971	57787 MONTANA CREEK	152050	CIRCLE HOT SPRINGS ROAD	6.3	6.4
2019	1300	57787 MONTANA CREEK	152051	DEADWOOD CREEK ROAD	1.2	1.3
2019	1185	57787 MONTANA CREEK	152051	DEADWOOD CREEK ROAD	1.4	1.5
2019	1437	57787 MONTANA CREEK	152051	DEADWOOD CREEK ROAD	2.1	2.2
2019	2959	57787 MONTANA CREEK	152051	DEADWOOD CREEK ROAD	5.7	5.8
2019	2015	57787 MONTANA CREEK	152051	DEADWOOD CREEK ROAD	6.2	6.3
2019	1913	57787 MONTANA CREEK	152052	KETCHUM CREEK ROAD	0.7	0.8
2019	2476	57787 MONTANA CREEK	152052	KETCHUM CREEK ROAD	1.8	1.9
2019	851	57787 MONTANA CREEK	152052	KETCHUM CREEK ROAD	1.9	2.0
2019	2813	57787 MONTANA CREEK	152055	U.S. CREEK ROAD	0.6	0.7
2019	1217	57787 MONTANA CREEK	152055	U.S. CREEK ROAD	0.7	0.8
2019	334	57787 MONTANA CREEK	152055	U.S. CREEK ROAD	0.9	1.0
2019	1739	57787 MONTANA CREEK	152055	U.S. CREEK ROAD	1.8	1.9
2019	1012	57787 MONTANA CREEK	152055	U.S. CREEK ROAD	1.9	2.0
2019	2273	57787 MONTANA CREEK	152055	U.S. CREEK ROAD	2.2	2.3
2019	1819	57787 MONTANA CREEK	152055	U.S. CREEK ROAD	3.5	3.6
2019	1394	57787 MONTANA CREEK	152055	U.S. CREEK ROAD	3.6	3.7
2019	1738	57787 MONTANA CREEK	152055	U.S. CREEK ROAD	5.0	5.1
2019	2611	57787 MONTANA CREEK	152058	PORTAGE CREEK ROAD	0.3	0.4
2019	2582	57787 MONTANA CREEK	152058	PORTAGE CREEK ROAD	0.8	0.9
2019	1425	57787 MONTANA CREEK	152060	TAMARACK STREET	0.1	0.2

2019	2776	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	47.5	47.6
2019	2976	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	48.7	48.8
2019	830	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	49.1	49.2
2019	2193	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	49.3	49.4
2019	1259	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	49.4	49.5
2019	703	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	50.3	50.4
2019	214	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	50.5	50.6
2019	241	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	53.0	53.1
2019	1695	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	55.2	55.3
2019	1866	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	59.7	59.8
2019	1901	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	59.9	60.0
2019	1936	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	60.2	60.3
2019	2524	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	60.3	60.4
2019	2433	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	60.7	60.8
2019	1809	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	63.5	63.6
2019	2187	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	67.2	67.3
2019	2206	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	68.3	68.4
2019	2086	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	68.4	68.5
2019	2540	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	69.4	69.5
2019	2665	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	74.4	74.5
2019	2615	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	76.1	76.2
2019	710	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	78.6	78.7
2019	209	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	78.7	78.8
2019	1085	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	78.8	78.9
2019	124	57802 ERNESTINE	190000	RICHARDSON HIGHWAY	82.3	82.4
2019	1995	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	0.5	0.6
2019	1909	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	2.4	2.5
2019	1469	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	3.4	3.5
2019	668	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	5.7	5.8
2019	879	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	6.2	6.3
2019	1400	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	6.8	6.9
2019	2578	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	8.3	8.4
2019	2732	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	8.9	9.0
2019	187	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	10.7	10.8
2019	2230	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	11.2	11.3
2019	653	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	11.5	11.6
2019	1577	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	11.7	11.8
2019	2397	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	11.8	11.9
2019	955	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	14.8	14.9
2019	1083	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	16.1	16.2
2019	2026	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	20.4	20.5
2019	189	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	21.8	21.9
2019	1846	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	22.3	22.4
2019	2058	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	23.3	23.4
2019	2345	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	24.3	24.4
2019	292	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	25.3	25.4
2019	803	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	28.3	28.4
2019	1504	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	30.0	30.1
2019	84	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	31.6	31.7
2019	1422	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	32.6	32.7
2019	1031	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	33.2	33.3
2019	285	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	33.4	33.5
2019	148	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	33.7	33.8
2019	1325	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	44.3	44.4
2019	2262	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	45.4	45.5
2019	2499	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	46.7	46.8
2019	2988	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	47.2	47.3
2019	2079	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	48.2	48.3
2019	1224	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	49.9	50.0
2019	1003	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	50.1	50.2

2019	2999	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	51.7	51.8
2019	798	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	54.9	55.0
2019	2392	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	55.4	55.5
2019	2466	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	56.9	57.0
2019	1847	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	57.4	57.5
2019	369	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	58.6	58.7
2019	2090	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	60.4	60.5
2019	508	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	64.3	64.4
2019	620	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	65.0	65.1
2019	500	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	69.6	69.7
2019	313	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	69.8	69.9
2019	1423	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	70.1	70.2
2019	571	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	71.0	71.1
2019	2191	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	71.2	71.3
2019	1752	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	71.5	71.6
2019	1970	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	72.6	72.7
2019	1405	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	76.2	76.3
2019	213	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	78.3	78.4
2019	423	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	80.8	80.9
2019	1793	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	82.1	82.2
2019	460	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	83.8	83.9
2019	1609	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	86.3	86.4
2019	92	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	86.8	86.9
2019	2304	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	87.3	87.4
2019	1599	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	88.1	88.2
2019	2810	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	89.2	89.3
2019	2721	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	92.0	92.1
2019	2440	57802 ERNESTINE	198000	EDGERTON HWY/MCCARTHY RD	92.5	92.6
2019	1817	57802 ERNESTINE	198035	DAN CREEK ROAD	3.1	3.2
2019	1690	57802 ERNESTINE	198035	DAN CREEK ROAD	3.6	3.7
2019	2551	57802 ERNESTINE	198035	DAN CREEK ROAD	3.9	4.0
2019	2178	57802 ERNESTINE	198035	DAN CREEK ROAD	6.3	6.4
2019	839	57802 ERNESTINE	198035	DAN CREEK ROAD	7.5	7.6
2019	2671	57802 ERNESTINE	198035	DAN CREEK ROAD	8.3	8.4
2019	792	57802 ERNESTINE	198037	AIRPORT ROAD	0.0	0.1
2019	2763	57803 NELCHINA	135000	GLENN HIGHWAY	111.4	111.5
2019	1709	57803 NELCHINA	135000	GLENN HIGHWAY	112.8	112.9
2019	613	57803 NELCHINA	135000	GLENN HIGHWAY	113.6	113.7
2019	2377	57803 NELCHINA	135000	GLENN HIGHWAY	114.9	115.0
2019	165	57803 NELCHINA	135000	GLENN HIGHWAY	115.1	115.2
2019	417	57803 NELCHINA	135000	GLENN HIGHWAY	115.3	115.4
2019	2886	57803 NELCHINA	135000	GLENN HIGHWAY	115.4	115.5
2019	1747	57803 NELCHINA	135000	GLENN HIGHWAY	116.8	116.9
2019	1456	57803 NELCHINA	135000	GLENN HIGHWAY	119.7	119.8
2019	2291	57803 NELCHINA	135000	GLENN HIGHWAY	121.0	121.1
2019	676	57803 NELCHINA	135000	GLENN HIGHWAY	124.1	124.2
2019	359	57803 NELCHINA	135000	GLENN HIGHWAY	126.3	126.4
2019	390	57803 NELCHINA	135000	GLENN HIGHWAY	126.6	126.7
2019	522	57803 NELCHINA	135000	GLENN HIGHWAY	129.8	129.9
2019	1729	57803 NELCHINA	135000	GLENN HIGHWAY	131.5	131.6
2019	2412	57803 NELCHINA	135000	GLENN HIGHWAY	133.0	133.1
2019	2764	57803 NELCHINA	135000	GLENN HIGHWAY	135.8	135.9
2019	1781	57803 NELCHINA	135000	GLENN HIGHWAY	136.9	137.0
2019	238	57803 NELCHINA	135000	GLENN HIGHWAY	139.7	139.8
2019	1648	57803 NELCHINA	135000	GLENN HIGHWAY	142.1	142.2
2019	2906	57803 NELCHINA	135000	GLENN HIGHWAY	142.6	142.7
2019	1111	57803 NELCHINA	135000	GLENN HIGHWAY	143.3	143.4
2019	714	57803 NELCHINA	135000	GLENN HIGHWAY	152.8	152.9
2019	2880	57803 NELCHINA	135000	GLENN HIGHWAY	153.0	153.1
2019	1165	57803 NELCHINA	135000	GLENN HIGHWAY	157.8	157.9

2019	1142	57803 NELCHINA	135000	GLENN HIGHWAY	159.8	159.9
2019	1120	57803 NELCHINA	135000	GLENN HIGHWAY	160.8	160.9
2019	2786	57803 NELCHINA	135000	GLENN HIGHWAY	162.0	162.1
2019	2279	57803 NELCHINA	135000	GLENN HIGHWAY	164.7	164.8
2019	2048	57803 NELCHINA	135000	GLENN HIGHWAY	165.5	165.6
2019	1746	57803 NELCHINA	135000	GLENN HIGHWAY	165.6	165.7
2019	2850	57803 NELCHINA	135000	GLENN HIGHWAY	166.1	166.2
2019	2073	57803 NELCHINA	135000	GLENN HIGHWAY	166.4	166.5
2019	773	57803 NELCHINA	135000	GLENN HIGHWAY	167.0	167.1
2019	1365	57803 NELCHINA	139700	LAKE LOUISE ROAD	1.2	1.3
2019	579	57803 NELCHINA	139700	LAKE LOUISE ROAD	2.2	2.3
2019	2239	57803 NELCHINA	139700	LAKE LOUISE ROAD	3.8	3.9
2019	2936	57803 NELCHINA	139700	LAKE LOUISE ROAD	7.7	7.8
2019	2948	57803 NELCHINA	139700	LAKE LOUISE ROAD	11.7	11.8
2019	875	57803 NELCHINA	139700	LAKE LOUISE ROAD	12.1	12.2
2019	2432	57803 NELCHINA	139700	LAKE LOUISE ROAD	13.4	13.5
2019	1964	57803 NELCHINA	139700	LAKE LOUISE ROAD	18.2	18.3
2019	588	57804 PAXSON	140000	DENALI HIGHWAY	0.5	0.6
2019	1186	57804 PAXSON	140000	DENALI HIGHWAY	1.0	1.1
2019	1933	57804 PAXSON	140000	DENALI HIGHWAY	1.1	1.2
2019	2380	57804 PAXSON	140000	DENALI HIGHWAY	2.5	2.6
2019	2558	57804 PAXSON	140000	DENALI HIGHWAY	6.9	7.0
2019	1372	57804 PAXSON	140000	DENALI HIGHWAY	8.2	8.3
2019	1797	57804 PAXSON	140000	DENALI HIGHWAY	8.5	8.6
2019	903	57804 PAXSON	140000	DENALI HIGHWAY	10.9	11.0
2019	1893	57804 PAXSON	140000	DENALI HIGHWAY	11.8	11.9
2019	631	57804 PAXSON	140000	DENALI HIGHWAY	12.1	12.2
2019	265	57804 PAXSON	140000	DENALI HIGHWAY	13.0	13.1
2019	2770	57804 PAXSON	140000	DENALI HIGHWAY	13.7	13.8
2019	1042	57804 PAXSON	140000	DENALI HIGHWAY	14.8	14.9
2019	262	57804 PAXSON	140000	DENALI HIGHWAY	15.9	16.0
2019	79	57804 PAXSON	140000	DENALI HIGHWAY	17.0	17.1
2019	1919	57804 PAXSON	140000	DENALI HIGHWAY	19.8	19.9
2019	2837	57804 PAXSON	140000	DENALI HIGHWAY	20.6	20.7
2019	2631	57804 PAXSON	140000	DENALI HIGHWAY	23.2	23.3
2019	635	57804 PAXSON	140000	DENALI HIGHWAY	25.0	25.1
2019	1290	57804 PAXSON	140000	DENALI HIGHWAY	25.4	25.5
2019	2128	57804 PAXSON	140000	DENALI HIGHWAY	31.0	31.1
2019	1183	57804 PAXSON	140000	DENALI HIGHWAY	31.2	31.3
2019	1918	57804 PAXSON	140000	DENALI HIGHWAY	36.5	36.6
2019	2616	57804 PAXSON	140000	DENALI HIGHWAY	39.2	39.3
2019	2024	57804 PAXSON	140000	DENALI HIGHWAY	40.6	40.7
2019	1677	57804 PAXSON	140000	DENALI HIGHWAY	43.1	43.2
2019	2287	57804 PAXSON	140000	DENALI HIGHWAY	43.8	43.9
2019	583	57804 PAXSON	140000	DENALI HIGHWAY	44.8	44.9
2019	352	57804 PAXSON	140000	DENALI HIGHWAY	47.5	47.6
2019	2479	57804 PAXSON	140000	DENALI HIGHWAY	47.9	48.0
2019	2076	57804 PAXSON	140000	DENALI HIGHWAY	50.4	50.5
2019	1427	57804 PAXSON	140000	DENALI HIGHWAY	56.2	56.3
2019	1046	57804 PAXSON	140000	DENALI HIGHWAY	59.2	59.3
2019	561	57804 PAXSON	190000	RICHARDSON HIGHWAY	154.0	154.1
2019	181	57804 PAXSON	190000	RICHARDSON HIGHWAY	155.2	155.3
2019	2175	57804 PAXSON	190000	RICHARDSON HIGHWAY	155.9	156.0
2019	1496	57804 PAXSON	190000	RICHARDSON HIGHWAY	158.1	158.2
2019	1123	57804 PAXSON	190000	RICHARDSON HIGHWAY	158.3	158.4
2019	355	57804 PAXSON	190000	RICHARDSON HIGHWAY	158.7	158.8
2019	844	57804 PAXSON	190000	RICHARDSON HIGHWAY	160.9	161.0
2019	1378	57804 PAXSON	190000	RICHARDSON HIGHWAY	161.6	161.7
2019	1439	57804 PAXSON	190000	RICHARDSON HIGHWAY	161.7	161.8
2019	1413	57804 PAXSON	190000	RICHARDSON HIGHWAY	163.1	163.2

2019	1686	57804 PAXSON	190000	RICHARDSON HIGHWAY	164.1	164.2
2019	989	57804 PAXSON	190000	RICHARDSON HIGHWAY	164.3	164.4
2019	2720	57804 PAXSON	190000	RICHARDSON HIGHWAY	165.7	165.8
2019	2360	57804 PAXSON	190000	RICHARDSON HIGHWAY	168.6	168.7
2019	1757	57804 PAXSON	190000	RICHARDSON HIGHWAY	169.5	169.6
2019	2966	57804 PAXSON	190000	RICHARDSON HIGHWAY	172.9	173.0
2019	2168	57804 PAXSON	190000	RICHARDSON HIGHWAY	173.0	173.1
2019	2460	57804 PAXSON	190000	RICHARDSON HIGHWAY	174.2	174.3
2019	1526	57804 PAXSON	190000	RICHARDSON HIGHWAY	174.7	174.8
2019	2536	57804 PAXSON	190000	RICHARDSON HIGHWAY	176.5	176.6
2019	2124	57804 PAXSON	190000	RICHARDSON HIGHWAY	177.0	177.1
2019	1240	57804 PAXSON	190000	RICHARDSON HIGHWAY	179.1	179.2
2019	1555	57804 PAXSON	190000	RICHARDSON HIGHWAY	179.6	179.7
2019	1507	57804 PAXSON	190000	RICHARDSON HIGHWAY	181.0	181.1
2019	531	57804 PAXSON	190000	RICHARDSON HIGHWAY	181.4	181.5
2019	1443	57804 PAXSON	190000	RICHARDSON HIGHWAY	182.2	182.3
2019	590	57804 PAXSON	190000	RICHARDSON HIGHWAY	183.6	183.7
2019	1940	57804 PAXSON	190000	RICHARDSON HIGHWAY	186.1	186.2
2019	91	57804 PAXSON	190000	RICHARDSON HIGHWAY	186.4	186.5
2019	789	57804 PAXSON	190000	RICHARDSON HIGHWAY	190.4	190.5
2019	122	57804 PAXSON	190000	RICHARDSON HIGHWAY	191.5	191.6
2019	2774	57804 PAXSON	190000	RICHARDSON HIGHWAY	191.8	191.9
2019	1305	57804 PAXSON	190000	RICHARDSON HIGHWAY	192.6	192.7
2019	1078	57804 PAXSON	190000	RICHARDSON HIGHWAY	197.9	198.0
2019	2468	57804 PAXSON	190000	RICHARDSON HIGHWAY	200.0	200.1
2019	2737	57804 PAXSON	190000	RICHARDSON HIGHWAY	200.3	200.4
2019	1283	57804 PAXSON	190000	RICHARDSON HIGHWAY	202.2	202.3
2019	1470	57804 PAXSON	190000	RICHARDSON HIGHWAY	202.4	202.5
2019	468	57804 PAXSON	190000	RICHARDSON HIGHWAY	203.8	203.9
2019	2998	57804 PAXSON	190000	RICHARDSON HIGHWAY	204.2	204.3
2019	601	57804 PAXSON	197500	FIELDING LAKE ROAD	0.5	0.6
2019	486	57804 PAXSON	197500	FIELDING LAKE ROAD	1.0	1.1
2019	907	57805 SLANA	230000	TOK CUTOFF HIGHWAY	19.7	19.8
2019	1645	57805 SLANA	230000	TOK CUTOFF HIGHWAY	20.9	21.0
2019	77	57805 SLANA	230000	TOK CUTOFF HIGHWAY	23.3	23.4
2019	1140	57805 SLANA	230000	TOK CUTOFF HIGHWAY	25.3	25.4
2019	1886	57805 SLANA	230000	TOK CUTOFF HIGHWAY	26.9	27.0
2019	2937	57805 SLANA	230000	TOK CUTOFF HIGHWAY	27.8	27.9
2019	721	57805 SLANA	230000	TOK CUTOFF HIGHWAY	28.7	28.8
2019	1045	57805 SLANA	230000	TOK CUTOFF HIGHWAY	28.9	29.0
2019	2844	57805 SLANA	230000	TOK CUTOFF HIGHWAY	29.2	29.3
2019	723	57805 SLANA	230000	TOK CUTOFF HIGHWAY	30.1	30.2
2019	381	57805 SLANA	230000	TOK CUTOFF HIGHWAY	31.7	31.8
2019	2008	57805 SLANA	230000	TOK CUTOFF HIGHWAY	32.6	32.7
2019	2209	57805 SLANA	230000	TOK CUTOFF HIGHWAY	33.7	33.8
2019	2265	57805 SLANA	230000	TOK CUTOFF HIGHWAY	35.9	36.0
2019	1588	57805 SLANA	230000	TOK CUTOFF HIGHWAY	36.9	37.0
2019	2670	57805 SLANA	230000	TOK CUTOFF HIGHWAY	38.0	38.1
2019	2740	57805 SLANA	230000	TOK CUTOFF HIGHWAY	38.6	38.7
2019	2399	57805 SLANA	230000	TOK CUTOFF HIGHWAY	39.1	39.2
2019	2705	57805 SLANA	230000	TOK CUTOFF HIGHWAY	41.6	41.7
2019	2121	57805 SLANA	230000	TOK CUTOFF HIGHWAY	47.7	47.8
2019	1262	57805 SLANA	230000	TOK CUTOFF HIGHWAY	48.2	48.3
2019	2080	57805 SLANA	230000	TOK CUTOFF HIGHWAY	51.1	51.2
2019	2516	57805 SLANA	230000	TOK CUTOFF HIGHWAY	51.3	51.4
2019	951	57805 SLANA	230000	TOK CUTOFF HIGHWAY	51.5	51.6
2019	565	57805 SLANA	230000	TOK CUTOFF HIGHWAY	54.8	54.9
2019	1717	57805 SLANA	230000	TOK CUTOFF HIGHWAY	55.5	55.6
2019	917	57805 SLANA	230000	TOK CUTOFF HIGHWAY	56.0	56.1
2019	1393	57805 SLANA	230000	TOK CUTOFF HIGHWAY	56.1	56.2

2019	1189	57805 SLANA	230000	TOK CUTOFF HIGHWAY	56.6	56.7
2019	1386	57805 SLANA	230000	TOK CUTOFF HIGHWAY	57.5	57.6
2019	1539	57805 SLANA	230000	TOK CUTOFF HIGHWAY	66.3	66.4
2019	696	57805 SLANA	230000	TOK CUTOFF HIGHWAY	67.6	67.7
2019	2220	57805 SLANA	230000	TOK CUTOFF HIGHWAY	68.1	68.2
2019	1447	57805 SLANA	230000	TOK CUTOFF HIGHWAY	73.3	73.4
2019	1348	57805 SLANA	230000	TOK CUTOFF HIGHWAY	74.1	74.2
2019	6	57805 SLANA	230000	TOK CUTOFF HIGHWAY	83.5	83.6
2019	889	57805 SLANA	230000	TOK CUTOFF HIGHWAY	84.2	84.3
2019	2317	57805 SLANA	230000	TOK CUTOFF HIGHWAY	85.5	85.6
2019	2118	57805 SLANA	230000	TOK CUTOFF HIGHWAY	86.3	86.4
2019	311	57805 SLANA	230000	TOK CUTOFF HIGHWAY	88.0	88.1
2019	1275	57805 SLANA	230000	TOK CUTOFF HIGHWAY	88.9	89.0
2019	1812	57805 SLANA	237000	NABESNA ROAD	0.7	0.8
2019	2787	57805 SLANA	237000	NABESNA ROAD	1.0	1.1
2019	2692	57805 SLANA	237000	NABESNA ROAD	4.4	4.5
2019	857	57805 SLANA	237000	NABESNA ROAD	8.1	8.2
2019	796	57805 SLANA	237000	NABESNA ROAD	8.7	8.8
2019	2055	57805 SLANA	237000	NABESNA ROAD	12.2	12.3
2019	422	57805 SLANA	237000	NABESNA ROAD	14.5	14.6
2019	398	57805 SLANA	237000	NABESNA ROAD	17.1	17.2
2019	1364	57805 SLANA	237000	NABESNA ROAD	17.4	17.5
2019	1170	57805 SLANA	237000	NABESNA ROAD	19.1	19.2
2019	9	57805 SLANA	237000	NABESNA ROAD	20.1	20.2
2019	819	57805 SLANA	237000	NABESNA ROAD	21.6	21.7
2019	164	57805 SLANA	237000	NABESNA ROAD	23.1	23.2
2019	2520	57805 SLANA	237000	NABESNA ROAD	25.4	25.5
2019	491	57805 SLANA	237000	NABESNA ROAD	26.5	26.6
2019	2197	57805 SLANA	237000	NABESNA ROAD	27.5	27.6
2019	2514	57805 SLANA	237000	NABESNA ROAD	30.0	30.1
2019	1989	57805 SLANA	237000	NABESNA ROAD	30.3	30.4
2019	2462	57805 SLANA	237000	NABESNA ROAD	30.8	30.9
2019	396	57805 SLANA	237000	NABESNA ROAD	34.4	34.5
2019	1311	57805 SLANA	237000	NABESNA ROAD	38.0	38.1
2019	1448	57805 SLANA	237000	NABESNA ROAD	38.2	38.3
2019	2000	57805 SLANA	237500	MENTASTA SPUR ROAD	0.9	1.0
2019	2249	57805 SLANA	237500	MENTASTA SPUR ROAD	1.7	1.8
2019	2199	57805 SLANA	237500	MENTASTA SPUR ROAD	1.9	2.0
2019	1098	57805 SLANA	237500	MENTASTA SPUR ROAD	3.2	3.3
2019	1503	57805 SLANA	237500	MENTASTA SPUR ROAD	3.9	4.0
2019	2277	57805 SLANA	237500	MENTASTA SPUR ROAD	4.7	4.8
2019	2809	57806 TAZLINA	135000	GLENN HIGHWAY	168.9	169.0
2019	1232	57806 TAZLINA	135000	GLENN HIGHWAY	170.1	170.2
2019	1750	57806 TAZLINA	135000	GLENN HIGHWAY	172.8	172.9
2019	480	57806 TAZLINA	135000	GLENN HIGHWAY	173.1	173.2
2019	641	57806 TAZLINA	135000	GLENN HIGHWAY	173.3	173.4
2019	1816	57806 TAZLINA	135000	GLENN HIGHWAY	175.5	175.6
2019	1451	57806 TAZLINA	135000	GLENN HIGHWAY	175.7	175.8
2019	1030	57806 TAZLINA	135000	GLENN HIGHWAY	178.3	178.4
2019	441	57806 TAZLINA	135000	GLENN HIGHWAY	179.2	179.3
2019	1723	57806 TAZLINA	135000	GLENN HIGHWAY	179.8	179.9
2019	1248	57806 TAZLINA	190000	RICHARDSON HIGHWAY	88.4	88.5
2019	558	57806 TAZLINA	190000	RICHARDSON HIGHWAY	88.9	89.0
2019	2801	57806 TAZLINA	190000	RICHARDSON HIGHWAY	89.5	89.6
2019	3000	57806 TAZLINA	190000	RICHARDSON HIGHWAY	93.0	93.1
2019	51	57806 TAZLINA	190000	RICHARDSON HIGHWAY	95.9	96.0
2019	1637	57806 TAZLINA	190000	RICHARDSON HIGHWAY	99.7	99.8
2019	1849	57806 TAZLINA	190000	RICHARDSON HIGHWAY	99.9	100.0
2019	1618	57806 TAZLINA	190000	RICHARDSON HIGHWAY	103.1	103.2
2019	2319	57806 TAZLINA	190000	RICHARDSON HIGHWAY	103.6	103.7

2019	2181	57806 TAZLINA	190000	RICHARDSON HIGHWAY	113.9	114.0
2019	628	57806 TAZLINA	190000	RICHARDSON HIGHWAY	114.8	114.9
2019	463	57806 TAZLINA	190000	RICHARDSON HIGHWAY	117.6	117.7
2019	2294	57806 TAZLINA	190000	RICHARDSON HIGHWAY	121.3	121.4
2019	2330	57806 TAZLINA	190000	RICHARDSON HIGHWAY	121.4	121.5
2019	520	57806 TAZLINA	190000	RICHARDSON HIGHWAY	123.1	123.2
2019	1518	57806 TAZLINA	190000	RICHARDSON HIGHWAY	123.9	124.0
2019	1597	57806 TAZLINA	190000	RICHARDSON HIGHWAY	127.9	128.0
2019	837	57806 TAZLINA	190000	RICHARDSON HIGHWAY	128.0	128.1
2019	1144	57806 TAZLINA	190000	RICHARDSON HIGHWAY	128.1	128.2
2019	1567	57806 TAZLINA	190000	RICHARDSON HIGHWAY	128.5	128.6
2019	2297	57806 TAZLINA	190000	RICHARDSON HIGHWAY	129.6	129.7
2019	1211	57806 TAZLINA	190000	RICHARDSON HIGHWAY	129.7	129.8
2019	2362	57806 TAZLINA	190000	RICHARDSON HIGHWAY	131.5	131.6
2019	1001	57806 TAZLINA	190000	RICHARDSON HIGHWAY	132.0	132.1
2019	2477	57806 TAZLINA	190000	RICHARDSON HIGHWAY	134.7	134.8
2019	1914	57806 TAZLINA	190000	RICHARDSON HIGHWAY	135.5	135.6
2019	707	57806 TAZLINA	190000	RICHARDSON HIGHWAY	136.2	136.3
2019	1291	57806 TAZLINA	190000	RICHARDSON HIGHWAY	136.7	136.8
2019	991	57806 TAZLINA	190000	RICHARDSON HIGHWAY	137.7	137.8
2019	1559	57806 TAZLINA	190000	RICHARDSON HIGHWAY	140.2	140.3
2019	2070	57806 TAZLINA	190000	RICHARDSON HIGHWAY	140.7	140.8
2019	1981	57806 TAZLINA	190000	RICHARDSON HIGHWAY	142.3	142.4
2019	799	57806 TAZLINA	190000	RICHARDSON HIGHWAY	142.4	142.5
2019	93	57806 TAZLINA	190000	RICHARDSON HIGHWAY	143.4	143.5
2019	2451	57806 TAZLINA	190000	RICHARDSON HIGHWAY	144.8	144.9
2019	606	57806 TAZLINA	190000	RICHARDSON HIGHWAY	145.7	145.8
2019	2803	57806 TAZLINA	190000	RICHARDSON HIGHWAY	146.1	146.2
2019	791	57806 TAZLINA	190000	RICHARDSON HIGHWAY	148.2	148.3
2019	1241	57806 TAZLINA	190000	RICHARDSON HIGHWAY	149.6	149.7
2019	2200	57806 TAZLINA	195000	COPPER CENTER LOOP	0.1	0.2
2019	2518	57806 TAZLINA	195000	COPPER CENTER LOOP	0.2	0.3
2019	296	57806 TAZLINA	195500	OLD RICH @ COPPER CENTER	3.8	3.9
2019	2826	57806 TAZLINA	198500	OLD EDGERTON LOOP ROAD	2.8	2.9
2019	1147	57806 TAZLINA	198500	OLD EDGERTON LOOP ROAD	5.1	5.2
2019	2640	57806 TAZLINA	198500	OLD EDGERTON LOOP ROAD	6.1	6.2
2019	2902	57806 TAZLINA	198500	OLD EDGERTON LOOP ROAD	6.5	6.6
2019	1402	57806 TAZLINA	198500	OLD EDGERTON LOOP ROAD	8.4	8.5
2019	2625	57806 TAZLINA	198500	OLD EDGERTON LOOP ROAD	8.5	8.6
2019	1435	57806 TAZLINA	198500	OLD EDGERTON LOOP ROAD	10.0	10.1
2019	1675	57806 TAZLINA	198500	OLD EDGERTON LOOP ROAD	11.6	11.7
2019	1314	57806 TAZLINA	230000	TOK CUTOFF HIGHWAY	0.6	0.7
2019	1084	57806 TAZLINA	230000	TOK CUTOFF HIGHWAY	2.3	2.4
2019	2997	57806 TAZLINA	230000	TOK CUTOFF HIGHWAY	5.7	5.8
2019	896	57806 TAZLINA	230000	TOK CUTOFF HIGHWAY	8.6	8.7
2019	305	57806 TAZLINA	230000	TOK CUTOFF HIGHWAY	10.3	10.4
2019	1370	57806 TAZLINA	230000	TOK CUTOFF HIGHWAY	12.5	12.6
2019	206	57806 TAZLINA	230000	TOK CUTOFF HIGHWAY	13.1	13.2
2019	920	57806 TAZLINA	230000	TOK CUTOFF HIGHWAY	13.9	14.0
2019	2483	57806 TAZLINA	230000	TOK CUTOFF HIGHWAY	16.4	16.5
2019	1261	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	137.4	137.5
2019	5	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	137.9	138.0
2019	636	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	140.4	140.5
2019	582	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	145.6	145.7
2019	498	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	147.6	147.7
2019	828	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	149.2	149.3
2019	135	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	149.7	149.8
2019	2306	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	150.7	150.8
2019	2986	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	152.0	152.1
2019	2044	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	154.1	154.2

2019	2619	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	155.8	155.9
2019	2354	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	157.8	157.9
2019	2363	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	158.6	158.7
2019	2771	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	159.3	159.4
2019	2701	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	160.4	160.5
2019	133	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	165.2	165.3
2019	1794	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	169.2	169.3
2019	2163	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	170.0	170.1
2019	2534	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	170.1	170.2
2019	1294	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	173.0	173.1
2019	2470	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	173.1	173.2
2019	1395	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	175.1	175.2
2019	2531	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	175.2	175.3
2019	512	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	175.3	175.4
2019	2025	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	176.1	176.2
2019	1133	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	180.3	180.4
2019	2456	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	180.8	180.9
2019	2921	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	181.4	181.5
2019	329	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	183.0	183.1
2019	1907	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	183.4	183.5
2019	2326	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	183.8	183.9
2019	2310	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	185.7	185.8
2019	2060	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	189.7	189.8
2019	977	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	191.9	192.0
2019	410	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	192.7	192.8
2019	432	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	194.4	194.5
2019	1673	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	194.9	195.0
2019	1972	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	196.5	196.6
2019	1562	57813 DELTA JUNCTION	180000	ALASKA HIGHWAY	197.5	197.6
2019	2961	57813 DELTA JUNCTION	185000	JACK WARREN ROAD	3.7	3.8
2019	2736	57813 DELTA JUNCTION	185000	JACK WARREN ROAD	5.5	5.6
2019	147	57813 DELTA JUNCTION	185020	NISTLER ROAD	0.4	0.5
2019	1391	57813 DELTA JUNCTION	185020	NISTLER ROAD	2.4	2.5
2019	2482	57813 DELTA JUNCTION	185020	NISTLER ROAD	2.5	2.6
2019	2356	57813 DELTA JUNCTION	185020	NISTLER ROAD	4.5	4.6
2019	1397	57813 DELTA JUNCTION	185020	NISTLER ROAD	5.5	5.6
2019	2267	57813 DELTA JUNCTION	185020	NISTLER ROAD	6.0	6.1
2019	1719	57813 DELTA JUNCTION	185020	NISTLER ROAD	6.5	6.6
2019	2730	57813 DELTA JUNCTION	185025	REMINGTON ROAD	0.8	0.9
2019	2832	57813 DELTA JUNCTION	185025	REMINGTON ROAD	2.5	2.6
2019	2257	57813 DELTA JUNCTION	185025	REMINGTON ROAD	3.5	3.6
2019	2620	57813 DELTA JUNCTION	185025	REMINGTON ROAD	4.0	4.1
2019	1019	57813 DELTA JUNCTION	185025	REMINGTON ROAD	4.1	4.2
2019	560	57813 DELTA JUNCTION	185049	TRIPLE H ROAD	0.8	0.9
2019	2807	57813 DELTA JUNCTION	185052	OLMSTEAD ROAD	0.1	0.2
2019	2614	57813 DELTA JUNCTION	185105	SAWMILL CREEK ROAD	1.6	1.7
2019	611	57813 DELTA JUNCTION	185105	SAWMILL CREEK ROAD	5.7	5.8
2019	1834	57813 DELTA JUNCTION	185115	BARLEY WAY	1.5	1.6
2019	2465	57813 DELTA JUNCTION	185115	BARLEY WAY	4.2	4.3
2019	1316	57813 DELTA JUNCTION	185115	BARLEY WAY	5.6	5.7
2019	2812	57813 DELTA JUNCTION	185115	BARLEY WAY	5.8	5.9
2019	299	57813 DELTA JUNCTION	185115	BARLEY WAY	8.0	8.1
2019	1969	57813 DELTA JUNCTION	185115	BARLEY WAY	8.9	9.0
2019	1751	57813 DELTA JUNCTION	185115	BARLEY WAY	9.9	10.0
2019	279	57813 DELTA JUNCTION	185115	BARLEY WAY	11.0	11.1
2019	32	57813 DELTA JUNCTION	185115	BARLEY WAY	12.4	12.5
2019	266	57813 DELTA JUNCTION	185115	BARLEY WAY	12.8	12.9
2019	1359	57813 DELTA JUNCTION	185115	BARLEY WAY	13.2	13.3
2019	1327	57813 DELTA JUNCTION	185115	BARLEY WAY	13.8	13.9
2019	1011	57813 DELTA JUNCTION	185115	BARLEY WAY	14.6	14.7

2019	546	57813 DELTA JUNCTION	185130	SPRUCE ROAD AG 1410	1.4	1.5
2019	1174	57813 DELTA JUNCTION	185150	CLEARWATER ROAD	2.3	2.4
2019	7	57813 DELTA JUNCTION	185150	CLEARWATER ROAD	3.9	4.0
2019	621	57813 DELTA JUNCTION	185206	RICH SB - ALASKA HWY SB RAMP	0.1	0.2
2019	42	57813 DELTA JUNCTION	185300	LARRY SPENGLER ROAD	0.0	0.1
2019	1326	57813 DELTA JUNCTION	185300	LARRY SPENGLER ROAD	0.3	0.4
2019	1651	57813 DELTA JUNCTION	185300	LARRY SPENGLER ROAD	0.4	0.5
2019	1487	57813 DELTA JUNCTION	185300	LARRY SPENGLER ROAD	2.8	2.9
2019	764	57813 DELTA JUNCTION	185300	LARRY SPENGLER ROAD	2.9	3.0
2019	1769	57813 DELTA JUNCTION	185300	LARRY SPENGLER ROAD	3.7	3.8
2019	629	57813 DELTA JUNCTION	185430	TANANA LOOP EXTENSION	1.4	1.5
2019	2012	57813 DELTA JUNCTION	185430	TANANA LOOP EXTENSION	2.9	3.0
2019	2970	57813 DELTA JUNCTION	185430	TANANA LOOP EXTENSION	3.1	3.2
2019	1094	57813 DELTA JUNCTION	185430	TANANA LOOP EXTENSION	7.1	7.2
2019	1175	57813 DELTA JUNCTION	185430	TANANA LOOP EXTENSION	7.2	7.3
2019	2458	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	240.9	241.0
2019	2950	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	242.4	242.5
2019	1453	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	243.0	243.1
2019	1710	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	247.9	248.0
2019	1145	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	248.0	248.1
2019	1202	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	249.2	249.3
2019	1398	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	251.6	251.7
2019	2388	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	253.1	253.2
2019	1628	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	255.4	255.5
2019	1062	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	256.1	256.2
2019	2325	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	257.2	257.3
2019	1160	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	260.5	260.6
2019	680	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	261.8	261.9
2019	2242	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	262.2	262.3
2019	2039	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	262.7	262.8
2019	2686	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	263.3	263.4
2019	694	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	264.0	264.1
2019	387	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	265.0	265.1
2019	1266	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	266.2	266.3
2019	2282	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	268.8	268.9
2019	944	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	269.0	269.1
2019	2101	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	271.5	271.6
2019	2545	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	272.1	272.2
2019	2437	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	272.6	272.7
2019	901	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	273.9	274.0
2019	1801	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	275.6	275.7
2019	2157	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	276.9	277.0
2019	168	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	277.1	277.2
2019	2642	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	277.8	277.9
2019	1843	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	278.3	278.4
2019	876	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	280.6	280.7
2019	870	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	281.3	281.4
2019	2716	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	281.8	281.9
2019	72	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	282.2	282.3
2019	2472	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	283.0	283.1
2019	1499	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	283.3	283.4
2019	1004	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	284.0	284.1
2019	1319	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	285.4	285.5
2019	174	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	289.4	289.5
2019	1168	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	291.9	292.0
2019	823	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	293.5	293.6
2019	290	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	295.4	295.5
2019	110	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	298.2	298.3
2019	1376	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	298.4	298.5
2019	2972	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	299.0	299.1

2019	1696	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	299.2	299.3
2019	659	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	300.9	301.0
2019	1951	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	304.7	304.8
2019	2782	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	305.1	305.2
2019	220	57813 DELTA JUNCTION	190000	RICHARDSON HIGHWAY	307.9	308.0
2019	1707	57814 EAGLE	250000	TAYLOR HIGHWAY	113.6	113.7
2019	81	57814 EAGLE	250000	TAYLOR HIGHWAY	116.1	116.2
2019	1396	57814 EAGLE	250000	TAYLOR HIGHWAY	116.8	116.9
2019	2964	57814 EAGLE	250000	TAYLOR HIGHWAY	119.4	119.5
2019	1344	57814 EAGLE	250000	TAYLOR HIGHWAY	123.8	123.9
2019	1301	57814 EAGLE	250000	TAYLOR HIGHWAY	126.5	126.6
2019	98	57814 EAGLE	250000	TAYLOR HIGHWAY	128.3	128.4
2019	1876	57814 EAGLE	250000	TAYLOR HIGHWAY	136.7	136.8
2019	1745	57814 EAGLE	250000	TAYLOR HIGHWAY	139.7	139.8
2019	1782	57814 EAGLE	250000	TAYLOR HIGHWAY	140.3	140.4
2019	1967	57814 EAGLE	250000	TAYLOR HIGHWAY	141.7	141.8
2019	521	57814 EAGLE	250000	TAYLOR HIGHWAY	141.8	141.9
2019	506	57814 EAGLE	250000	TAYLOR HIGHWAY	145.9	146.0
2019	2593	57814 EAGLE	250000	TAYLOR HIGHWAY	146.2	146.3
2019	822	57814 EAGLE	250000	TAYLOR HIGHWAY	147.4	147.5
2019	1051	57814 EAGLE	250000	TAYLOR HIGHWAY	154.9	155.0
2019	340	57814 EAGLE	250000	TAYLOR HIGHWAY	156.9	157.0
2019	173	57814 EAGLE	255580	WASHINGTON LOWER AVENUE	0.1	0.2
2019	1449	57814 EAGLE	255595	CAMPGROUND ROAD	0.9	1.0
2019	609	57814 EAGLE	255600	MISSION ROAD	4.7	4.8
2019	2051	57814 EAGLE	255600	MISSION ROAD	5.4	5.5
2019	2442	57815 NORTHWAY	180000	ALASKA HIGHWAY	1.0	1.1
2019	2569	57815 NORTHWAY	180000	ALASKA HIGHWAY	1.2	1.3
2019	1899	57815 NORTHWAY	180000	ALASKA HIGHWAY	3.5	3.6
2019	698	57815 NORTHWAY	180000	ALASKA HIGHWAY	5.7	5.8
2019	2971	57815 NORTHWAY	180000	ALASKA HIGHWAY	9.2	9.3
2019	1191	57815 NORTHWAY	180000	ALASKA HIGHWAY	9.4	9.5
2019	50	57815 NORTHWAY	180000	ALASKA HIGHWAY	10.2	10.3
2019	904	57815 NORTHWAY	180000	ALASKA HIGHWAY	10.6	10.7
2019	1851	57815 NORTHWAY	180000	ALASKA HIGHWAY	10.7	10.8
2019	1184	57815 NORTHWAY	180000	ALASKA HIGHWAY	12.5	12.6
2019	1414	57815 NORTHWAY	180000	ALASKA HIGHWAY	14.3	14.4
2019	151	57815 NORTHWAY	180000	ALASKA HIGHWAY	16.4	16.5
2019	1411	57815 NORTHWAY	180000	ALASKA HIGHWAY	16.7	16.8
2019	425	57815 NORTHWAY	180000	ALASKA HIGHWAY	22.6	22.7
2019	612	57815 NORTHWAY	180000	ALASKA HIGHWAY	23.9	24.0
2019	1260	57815 NORTHWAY	180000	ALASKA HIGHWAY	25.7	25.8
2019	2333	57815 NORTHWAY	180000	ALASKA HIGHWAY	26.0	26.1
2019	1520	57815 NORTHWAY	180000	ALASKA HIGHWAY	31.0	31.1
2019	2109	57815 NORTHWAY	180000	ALASKA HIGHWAY	33.4	33.5
2019	2231	57815 NORTHWAY	180000	ALASKA HIGHWAY	34.3	34.4
2019	95	57815 NORTHWAY	180000	ALASKA HIGHWAY	36.4	36.5
2019	2574	57815 NORTHWAY	180000	ALASKA HIGHWAY	40.3	40.4
2019	1048	57815 NORTHWAY	180000	ALASKA HIGHWAY	42.6	42.7
2019	2973	57815 NORTHWAY	180000	ALASKA HIGHWAY	42.8	42.9
2019	2259	57815 NORTHWAY	180000	ALASKA HIGHWAY	45.5	45.6
2019	1991	57815 NORTHWAY	180000	ALASKA HIGHWAY	47.3	47.4
2019	1947	57815 NORTHWAY	180000	ALASKA HIGHWAY	48.7	48.8
2019	975	57815 NORTHWAY	180000	ALASKA HIGHWAY	49.7	49.8
2019	1134	57815 NORTHWAY	180000	ALASKA HIGHWAY	53.2	53.3
2019	2703	57815 NORTHWAY	180000	ALASKA HIGHWAY	53.7	53.8
2019	71	57815 NORTHWAY	180000	ALASKA HIGHWAY	54.1	54.2
2019	2981	57815 NORTHWAY	180000	ALASKA HIGHWAY	55.1	55.2
2019	2595	57815 NORTHWAY	180000	ALASKA HIGHWAY	56.0	56.1
2019	765	57815 NORTHWAY	180000	ALASKA HIGHWAY	58.8	58.9

2019	2818	57815 NORTHWAY	180000	ALASKA HIGHWAY	59.4	59.5
2019	74	57815 NORTHWAY	180000	ALASKA HIGHWAY	60.2	60.3
2019	1087	57815 NORTHWAY	180000	ALASKA HIGHWAY	60.5	60.6
2019	2420	57815 NORTHWAY	180100	DEADMAN LAKE ROAD	0.1	0.2
2019	1288	57815 NORTHWAY	180100	DEADMAN LAKE ROAD	1.0	1.1
2019	2555	57815 NORTHWAY	180800	NORTHWAY ROAD	5.9	6.0
2019	287	57815 NORTHWAY	180800	NORTHWAY ROAD	6.1	6.2
2019	2164	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	34.5	34.6
2019	741	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	38.4	38.5
2019	1993	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	40.9	41.0
2019	2417	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	43.8	43.9
2019	430	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	45.4	45.5
2019	1102	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	47.0	47.1
2019	2428	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	47.4	47.5
2019	2081	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	47.7	47.8
2019	493	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	48.6	48.7
2019	1209	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	50.3	50.4
2019	1109	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	51.8	51.9
2019	1347	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	51.9	52.0
2019	770	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	52.2	52.3
2019	941	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	52.6	52.7
2019	783	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	53.8	53.9
2019	1760	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	54.1	54.2
2019	1180	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	54.3	54.4
2019	1612	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	55.3	55.4
2019	644	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	59.6	59.7
2019	826	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	60.5	60.6
2019	1509	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	63.7	63.8
2019	809	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	64.1	64.2
2019	226	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	64.9	65.0
2019	1765	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	79.0	79.1
2019	2924	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	81.5	81.6
2019	702	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	82.9	83.0
2019	391	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	83.8	83.9
2019	843	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	85.3	85.4
2019	537	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	87.1	87.2
2019	505	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	88.8	88.9
2019	171	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	89.5	89.6
2019	2639	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	92.2	92.3
2019	1958	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	93.5	93.6
2019	2990	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	93.9	94.0
2019	1382	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	94.5	94.6
2019	2165	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	95.8	95.9
2019	428	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	98.1	98.2
2019	2529	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	106.6	106.7
2019	1601	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	107.6	107.7
2019	1296	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	108.4	108.5
2019	1656	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	109.8	109.9
2019	2930	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	110.2	110.3
2019	2607	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	110.6	110.7
2019	2659	57817 SOUTH FORK	250000	TAYLOR HIGHWAY	111.3	111.4
2019	2841	57817 SOUTH FORK	252500	TOP OF THE WORLD HIGHWAY	0.3	0.4
2019	2814	57817 SOUTH FORK	252500	TOP OF THE WORLD HIGHWAY	5.5	5.6
2019	2960	57818 TOK	180000	ALASKA HIGHWAY	64.5	64.6
2019	2292	57818 TOK	180000	ALASKA HIGHWAY	64.7	64.8
2019	2917	57818 TOK	180000	ALASKA HIGHWAY	65.0	65.1
2019	2369	57818 TOK	180000	ALASKA HIGHWAY	65.1	65.2
2019	1573	57818 TOK	180000	ALASKA HIGHWAY	66.8	66.9
2019	2788	57818 TOK	180000	ALASKA HIGHWAY	67.4	67.5
2019	2830	57818 TOK	180000	ALASKA HIGHWAY	68.0	68.1

2019	2718	57818 TOK	180000	ALASKA HIGHWAY	68.3	68.4
2019	2013	57818 TOK	180000	ALASKA HIGHWAY	72.5	72.6
2019	2351	57818 TOK	180000	ALASKA HIGHWAY	74.6	74.7
2019	1060	57818 TOK	180000	ALASKA HIGHWAY	78.4	78.5
2019	1565	57818 TOK	180000	ALASKA HIGHWAY	80.2	80.3
2019	2674	57818 TOK	180000	ALASKA HIGHWAY	80.4	80.5
2019	24	57818 TOK	180000	ALASKA HIGHWAY	82.0	82.1
2019	1592	57818 TOK	180000	ALASKA HIGHWAY	82.3	82.4
2019	2042	57818 TOK	180000	ALASKA HIGHWAY	85.6	85.7
2019	2739	57818 TOK	180000	ALASKA HIGHWAY	88.3	88.4
2019	2023	57818 TOK	180000	ALASKA HIGHWAY	90.6	90.7
2019	1884	57818 TOK	180000	ALASKA HIGHWAY	90.8	90.9
2019	1471	57818 TOK	180000	ALASKA HIGHWAY	92.1	92.2
2019	946	57818 TOK	180000	ALASKA HIGHWAY	92.5	92.6
2019	2176	57818 TOK	180000	ALASKA HIGHWAY	95.3	95.4
2019	44	57818 TOK	180000	ALASKA HIGHWAY	95.5	95.6
2019	689	57818 TOK	180000	ALASKA HIGHWAY	96.9	97.0
2019	507	57818 TOK	180000	ALASKA HIGHWAY	99.4	99.5
2019	1890	57818 TOK	180000	ALASKA HIGHWAY	100.4	100.5
2019	748	57818 TOK	180000	ALASKA HIGHWAY	105.0	105.1
2019	909	57818 TOK	180000	ALASKA HIGHWAY	106.1	106.2
2019	850	57818 TOK	180000	ALASKA HIGHWAY	110.4	110.5
2019	2151	57818 TOK	180000	ALASKA HIGHWAY	112.2	112.3
2019	1763	57818 TOK	180000	ALASKA HIGHWAY	116.0	116.1
2019	1767	57818 TOK	180000	ALASKA HIGHWAY	120.1	120.2
2019	1731	57818 TOK	180000	ALASKA HIGHWAY	120.4	120.5
2019	154	57818 TOK	180000	ALASKA HIGHWAY	129.1	129.2
2019	997	57818 TOK	180000	ALASKA HIGHWAY	129.3	129.4
2019	985	57818 TOK	180000	ALASKA HIGHWAY	131.1	131.2
2019	2381	57818 TOK	180000	ALASKA HIGHWAY	132.2	132.3
2019	117	57818 TOK	180000	ALASKA HIGHWAY	132.6	132.7
2019	2490	57818 TOK	180000	ALASKA HIGHWAY	134.7	134.8
2019	2005	57818 TOK	180000	ALASKA HIGHWAY	135.1	135.2
2019	193	57818 TOK	180000	ALASKA HIGHWAY	136.7	136.8
2019	1289	57818 TOK	181830	SLANA AVENUE	0.2	0.3
2019	66	57818 TOK	181830	SLANA AVENUE	0.4	0.5
2019	956	57818 TOK	181840	1ST STREET EAST	0.7	0.8
2019	2144	57818 TOK	181900	SUN DOG TRAIL	0.7	0.8
2019	1100	57818 TOK	181920	C STREET EXTENSION WEST	0.5	0.6
2019	2958	57818 TOK	181930	MOOSEHORN ROAD	0.7	0.8
2019	1915	57818 TOK	181935	MIDNIGHT SUN DRIVE	3.0	3.1
2019	1678	57818 TOK	181970	MACKENZIE TRAIL	1.2	1.3
2019	2496	57818 TOK	181980	BOREALIS AVENUE	1.9	2.0
2019	1537	57818 TOK	182030	3RD AVENUE	0.2	0.3
2019	2068	57818 TOK	182030	3RD AVENUE	0.3	0.4
2019	1307	57818 TOK	182060	CHENA WAY	0.8	0.9
2019	996	57818 TOK	182066	AIRPORT SOUTH RAMP ROAD	0.2	0.3
2019	1233	57818 TOK	182100	TANACROSS ROAD OLD	1.1	1.2
2019	2509	57818 TOK	183000	ISAAC AVENUE	0.0	0.1
2019	1410	57818 TOK	183010	DUMP ROAD	1.2	1.3
2019	1015	57818 TOK	230000	TOK CUTOFF HIGHWAY	90.0	90.1
2019	820	57818 TOK	230000	TOK CUTOFF HIGHWAY	91.6	91.7
2019	1706	57818 TOK	230000	TOK CUTOFF HIGHWAY	92.0	92.1
2019	980	57818 TOK	230000	TOK CUTOFF HIGHWAY	93.5	93.6
2019	1644	57818 TOK	230000	TOK CUTOFF HIGHWAY	94.1	94.2
2019	80	57818 TOK	230000	TOK CUTOFF HIGHWAY	94.4	94.5
2019	1477	57818 TOK	230000	TOK CUTOFF HIGHWAY	95.8	95.9
2019	1164	57818 TOK	230000	TOK CUTOFF HIGHWAY	97.8	97.9
2019	2089	57818 TOK	230000	TOK CUTOFF HIGHWAY	99.0	99.1
2019	356	57818 TOK	230000	TOK CUTOFF HIGHWAY	99.9	100.0

2019	1321	57818 TOK	230000	TOK CUTOFF HIGHWAY	102.7	102.8
2019	1528	57818 TOK	230000	TOK CUTOFF HIGHWAY	103.0	103.1
2019	667	57818 TOK	230000	TOK CUTOFF HIGHWAY	105.1	105.2
2019	2845	57818 TOK	230000	TOK CUTOFF HIGHWAY	109.3	109.4
2019	1832	57818 TOK	230000	TOK CUTOFF HIGHWAY	110.1	110.2
2019	737	57818 TOK	230000	TOK CUTOFF HIGHWAY	113.1	113.2
2019	1553	57818 TOK	230000	TOK CUTOFF HIGHWAY	116.8	116.9
2019	1680	57818 TOK	230000	TOK CUTOFF HIGHWAY	118.3	118.4
2019	1602	57818 TOK	230000	TOK CUTOFF HIGHWAY	118.9	119.0
2019	2678	57818 TOK	230000	TOK CUTOFF HIGHWAY	121.1	121.2
2019	1073	57818 TOK	230000	TOK CUTOFF HIGHWAY	121.2	121.3
2019	966	57818 TOK	230000	TOK CUTOFF HIGHWAY	121.6	121.7
2019	2624	57818 TOK	230000	TOK CUTOFF HIGHWAY	121.8	121.9
2019	2586	57818 TOK	230000	TOK CUTOFF HIGHWAY	122.0	122.1
2019	1857	57818 TOK	238000	OLD TOK CUTOFF ROAD	1.0	1.1
2019	2100	57818 TOK	238000	OLD TOK CUTOFF ROAD	3.6	3.7
2019	2865	57818 TOK	250000	TAYLOR HIGHWAY	0.7	0.8
2019	1196	57818 TOK	250000	TAYLOR HIGHWAY	3.7	3.8
2019	804	57818 TOK	250000	TAYLOR HIGHWAY	4.0	4.1
2019	1883	57818 TOK	250000	TAYLOR HIGHWAY	5.4	5.5
2019	2507	57818 TOK	250000	TAYLOR HIGHWAY	8.0	8.1
2019	2511	57818 TOK	250000	TAYLOR HIGHWAY	9.2	9.3
2019	529	57818 TOK	250000	TAYLOR HIGHWAY	10.6	10.7
2019	157	57818 TOK	250000	TAYLOR HIGHWAY	11.6	11.7
2019	1708	57818 TOK	250000	TAYLOR HIGHWAY	16.3	16.4
2019	2224	57818 TOK	250000	TAYLOR HIGHWAY	19.0	19.1
2019	2459	57818 TOK	250000	TAYLOR HIGHWAY	21.0	21.1
2019	2811	57818 TOK	250000	TAYLOR HIGHWAY	25.2	25.3
2019	834	57818 TOK	250000	TAYLOR HIGHWAY	26.6	26.7
2019	1926	57818 TOK	250000	TAYLOR HIGHWAY	28.2	28.3
2019	2797	57818 TOK	250000	TAYLOR HIGHWAY	28.7	28.8
2019	2401	57818 TOK	250000	TAYLOR HIGHWAY	28.9	29.0
2019	1721	57818 TOK	250000	TAYLOR HIGHWAY	29.5	29.6
2019	2873	57818 TOK	250000	TAYLOR HIGHWAY	30.2	30.3
2019	574	57819 TRIMS	190000	RICHARDSON HIGHWAY	208.7	208.8
2019	761	57819 TRIMS	190000	RICHARDSON HIGHWAY	209.8	209.9
2019	1521	57819 TRIMS	190000	RICHARDSON HIGHWAY	212.5	212.6
2019	1524	57819 TRIMS	190000	RICHARDSON HIGHWAY	213.9	214.0
2019	2449	57819 TRIMS	190000	RICHARDSON HIGHWAY	219.5	219.6
2019	2755	57819 TRIMS	190000	RICHARDSON HIGHWAY	220.4	220.5
2019	1254	57819 TRIMS	190000	RICHARDSON HIGHWAY	221.0	221.1
2019	2161	57819 TRIMS	190000	RICHARDSON HIGHWAY	224.0	224.1
2019	2552	57819 TRIMS	190000	RICHARDSON HIGHWAY	225.5	225.6
2019	1298	57819 TRIMS	190000	RICHARDSON HIGHWAY	226.1	226.2
2019	2214	57819 TRIMS	190000	RICHARDSON HIGHWAY	230.3	230.4
2019	1337	57819 TRIMS	190000	RICHARDSON HIGHWAY	231.3	231.4
2019	2904	57819 TRIMS	190000	RICHARDSON HIGHWAY	233.0	233.1
2019	2527	57819 TRIMS	190000	RICHARDSON HIGHWAY	235.3	235.4
2019	2501	57819 TRIMS	190000	RICHARDSON HIGHWAY	235.6	235.7
2019	2727	57819 TRIMS	190000	RICHARDSON HIGHWAY	236.2	236.3
2019	2680	57819 TRIMS	190000	RICHARDSON HIGHWAY	238.1	238.2
2019	2227	57819 TRIMS	190000	RICHARDSON HIGHWAY	239.4	239.5
2019	829	57819 TRIMS	190000	RICHARDSON HIGHWAY	239.8	239.9
2019	913	57824 CORDOVA	210000	COPPER RIVER HIGHWAY	0.6	0.7
2019	605	57824 CORDOVA	210000	COPPER RIVER HIGHWAY	0.9	1.0
2019	2834	57824 CORDOVA	210000	COPPER RIVER HIGHWAY	2.2	2.3
2019	2471	57824 CORDOVA	210000	COPPER RIVER HIGHWAY	2.7	2.8
2019	443	57824 CORDOVA	210000	COPPER RIVER HIGHWAY	5.4	5.5
2019	2769	57824 CORDOVA	210000	COPPER RIVER HIGHWAY	6.9	7.0
2019	1388	57824 CORDOVA	210000	COPPER RIVER HIGHWAY	12.5	12.6

2019	2376	57824 CORDOVA	210000	COPPER RIVER HIGHWAY	13.9	14.0
2019	59	57824 CORDOVA	210000	COPPER RIVER HIGHWAY	14.1	14.2
2019	289	57824 CORDOVA	210000	COPPER RIVER HIGHWAY	15.5	15.6
2019	162	57824 CORDOVA	210000	COPPER RIVER HIGHWAY	20.3	20.4
2019	2288	57824 CORDOVA	210000	COPPER RIVER HIGHWAY	23.2	23.3
2019	1730	57824 CORDOVA	210000	COPPER RIVER HIGHWAY	28.4	28.5
2019	836	57824 CORDOVA	210500	CANNERY ROAD/ORCA INLET	0.5	0.6
2019	2374	57824 CORDOVA	210500	CANNERY ROAD/ORCA INLET	0.9	1.0
2019	1822	57824 CORDOVA	210500	CANNERY ROAD/ORCA INLET	1.4	1.5
2019	2836	57824 CORDOVA	210500	CANNERY ROAD/ORCA INLET	1.5	1.6
2019	333	57824 CORDOVA	210900	EYAK LAKE ROAD	6.8	6.9
2019	2741	57824 CORDOVA	211400	POINT WHITSHED ROAD	0.0	0.1
2019	62	57824 CORDOVA	211400	POINT WHITSHED ROAD	3.8	3.9
2019	2699	57824 CORDOVA	211400	POINT WHITSHED ROAD	4.6	4.7
2019	2410	57824 CORDOVA	212000	SHERIDAN GLACIER ROAD	0.3	0.4
2019	2601	57824 CORDOVA	212000	SHERIDAN GLACIER ROAD	1.0	1.1
2019	2408	57824 CORDOVA	212000	SHERIDAN GLACIER ROAD	1.1	1.2
2019	2829	57824 CORDOVA	212000	SHERIDAN GLACIER ROAD	1.3	1.4
2019	458	57824 CORDOVA	212000	SHERIDAN GLACIER ROAD	2.0	2.1
2019	835	57824 CORDOVA	212000	SHERIDAN GLACIER ROAD	3.4	3.5
2019	386	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	20.5	20.6
2019	2473	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	20.6	20.7
2019	2784	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	22.1	22.2
2019	281	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	23.0	23.1
2019	119	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	23.3	23.4
2019	2368	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	23.8	23.9
2019	1096	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	25.7	25.8
2019	1308	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	28.1	28.2
2019	2087	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	29.1	29.2
2019	993	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	30.3	30.4
2019	277	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	40.1	40.2
2019	2252	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	40.2	40.3
2019	1905	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	42.9	43.0
2019	2103	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	43.2	43.3
2019	1239	57825 THOMPSON PASS	190000	RICHARDSON HIGHWAY	44.2	44.3
2019	2272	57825 THOMPSON PASS	192200	BLUEBERRY LAKE ROAD	0.1	0.2
2019	1225	57825 THOMPSON PASS	192200	BLUEBERRY LAKE ROAD	0.9	1.0
2019	998	57826 VALDEZ	190000	RICHARDSON HIGHWAY	0.0	0.1
2019	27	57826 VALDEZ	190000	RICHARDSON HIGHWAY	5.2	5.3
2019	2638	57826 VALDEZ	190000	RICHARDSON HIGHWAY	7.2	7.3
2019	1227	57826 VALDEZ	190000	RICHARDSON HIGHWAY	9.2	9.3
2019	1603	57826 VALDEZ	190512	MINERAL CREEK ROAD	3.3	3.4
2019	1104	57826 VALDEZ	190512	MINERAL CREEK ROAD	5.2	5.3
2019	270	57826 VALDEZ	191600	DAYVILLE ROAD	0.2	0.3
2019	1837	57826 VALDEZ	191600	DAYVILLE ROAD	3.6	3.7
2019	1075	57826 VALDEZ	191600	DAYVILLE ROAD	4.0	4.1
2019	645	57827 GALENA	169200	DIKE ROAD	2.2	2.3
2019	2885	57827 GALENA	169200	DIKE ROAD	3.4	3.5
2019	177	57840 BEAR CREEK	166500	COUNCIL ROAD	32.1	32.2
2019	300	57840 BEAR CREEK	166500	COUNCIL ROAD	33.8	33.9
2019	2575	57840 BEAR CREEK	166500	COUNCIL ROAD	35.8	35.9
2019	402	57840 BEAR CREEK	166500	COUNCIL ROAD	38.2	38.3
2019	1606	57840 BEAR CREEK	166500	COUNCIL ROAD	38.4	38.5
2019	2246	57840 BEAR CREEK	166500	COUNCIL ROAD	40.2	40.3
2019	572	57840 BEAR CREEK	166500	COUNCIL ROAD	40.8	40.9
2019	501	57840 BEAR CREEK	166500	COUNCIL ROAD	43.9	44.0
2019	341	57840 BEAR CREEK	166500	COUNCIL ROAD	44.5	44.6
2019	345	57840 BEAR CREEK	166500	COUNCIL ROAD	44.6	44.7
2019	2929	57840 BEAR CREEK	166500	COUNCIL ROAD	45.0	45.1
2019	1018	57840 BEAR CREEK	166500	COUNCIL ROAD	48.1	48.2

2019	2125	57840 BEAR CREEK	166500	COUNCIL ROAD	48.2	48.3
2019	2281	57840 BEAR CREEK	166500	COUNCIL ROAD	48.6	48.7
2019	2028	57840 BEAR CREEK	166500	COUNCIL ROAD	48.8	48.9
2019	2777	57840 BEAR CREEK	166500	COUNCIL ROAD	50.7	50.8
2019	2697	57840 BEAR CREEK	166500	COUNCIL ROAD	51.1	51.2
2019	489	57840 BEAR CREEK	166500	COUNCIL ROAD	53.2	53.3
2019	1867	57840 BEAR CREEK	166500	COUNCIL ROAD	54.5	54.6
2019	2243	57840 BEAR CREEK	166500	COUNCIL ROAD	59.0	59.1
2019	1839	57840 BEAR CREEK	166500	COUNCIL ROAD	59.1	59.2
2019	1585	57840 BEAR CREEK	166500	COUNCIL ROAD	59.5	59.6
2019	2453	57840 BEAR CREEK	166500	COUNCIL ROAD	61.5	61.6
2019	232	57840 BEAR CREEK	166500	COUNCIL ROAD	62.1	62.2
2019	399	57840 BEAR CREEK	166500	COUNCIL ROAD	62.3	62.4
2019	873	57840 BEAR CREEK	166500	COUNCIL ROAD	63.8	63.9
2019	983	57840 BEAR CREEK	166500	COUNCIL ROAD	66.2	66.3
2019	1490	57840 BEAR CREEK	166500	COUNCIL ROAD	70.3	70.4
2019	632	57840 BEAR CREEK	166500	COUNCIL ROAD	71.4	71.5
2019	1284	57840 BEAR CREEK	166510	BIG HURRAH ROAD	2.9	3.0
2019	1215	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	36.5	36.6
2019	2003	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	38.3	38.4
2019	2654	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	45.0	45.1
2019	2138	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	45.1	45.2
2019	1937	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	46.4	46.5
2019	2759	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	47.0	47.1
2019	513	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	50.5	50.6
2019	509	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	51.2	51.3
2019	99	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	52.5	52.6
2019	906	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	55.4	55.5
2019	2636	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	55.6	55.7
2019	446	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	55.8	55.9
2019	2851	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	56.8	56.9
2019	1498	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	57.4	57.5
2019	2547	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	62.1	62.2
2019	2077	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	62.7	62.8
2019	1229	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	63.1	63.2
2019	2108	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	63.9	64.0
2019	2860	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	66.6	66.7
2019	766	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	67.2	67.3
2019	67	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	68.2	68.3
2019	1737	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	69.2	69.3
2019	183	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	72.7	72.8
2019	1208	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	74.4	74.5
2019	2879	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	74.9	75.0
2019	1162	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	76.0	76.1
2019	1055	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	78.0	78.1
2019	2694	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	78.6	78.7
2019	146	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	80.5	80.6
2019	2939	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	81.0	81.1
2019	2691	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	81.8	81.9
2019	2166	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	82.3	82.4
2019	1759	57841 COTTONWOOD	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	83.9	84.0
2019	115	57842 KOTZEBUE	220000	THIRD AVENUE	0.9	1.0
2019	348	57842 KOTZEBUE	222100	NEW POINT HOPE ROAD	0.7	0.8
2019	201	57842 KOTZEBUE	223052	WARING STREET	0.2	0.3
2019	2344	57843 NOME	166500	COUNCIL ROAD	3.5	3.6
2019	1035	57843 NOME	166500	COUNCIL ROAD	6.3	6.4
2019	28	57843 NOME	166500	COUNCIL ROAD	7.1	7.2
2019	366	57843 NOME	166500	COUNCIL ROAD	9.6	9.7
2019	2221	57843 NOME	166500	COUNCIL ROAD	11.4	11.5
2019	1898	57843 NOME	166500	COUNCIL ROAD	13.8	13.9

2019	448	57843 NOME	166500	COUNCIL ROAD	16.2	16.3
2019	1586	57843 NOME	166500	COUNCIL ROAD	18.0	18.1
2019	1579	57843 NOME	166500	COUNCIL ROAD	19.3	19.4
2019	1688	57843 NOME	166500	COUNCIL ROAD	19.8	19.9
2019	158	57843 NOME	166500	COUNCIL ROAD	21.6	21.7
2019	926	57843 NOME	166500	COUNCIL ROAD	25.2	25.3
2019	1860	57843 NOME	166500	COUNCIL ROAD	25.7	25.8
2019	1226	57843 NOME	166500	COUNCIL ROAD	29.0	29.1
2019	2702	57843 NOME	167000	NOME-TELLER HIGHWAY/BOB BLODGE	1.5	1.6
2019	1234	57843 NOME	167000	NOME-TELLER HIGHWAY/BOB BLODGE	6.3	6.4
2019	1833	57843 NOME	167000	NOME-TELLER HIGHWAY/BOB BLODGE	7.9	8.0
2019	856	57843 NOME	167000	NOME-TELLER HIGHWAY/BOB BLODGE	14.4	14.5
2019	663	57843 NOME	167000	NOME-TELLER HIGHWAY/BOB BLODGE	15.6	15.7
2019	878	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	0.8	0.9
2019	414	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	4.0	4.1
2019	808	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	7.0	7.1
2019	715	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	7.6	7.7
2019	2895	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	8.5	8.6
2019	1014	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	10.7	10.8
2019	1646	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	11.7	11.8
2019	2414	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	12.1	12.2
2019	1022	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	15.2	15.3
2019	76	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	17.6	17.7
2019	113	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	17.7	17.8
2019	142	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	18.7	18.8
2019	1295	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	21.1	21.2
2019	457	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	22.1	22.2
2019	2302	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	22.2	22.3
2019	149	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	22.6	22.7
2019	1930	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	22.7	22.8
2019	105	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	23.1	23.2
2019	787	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	27.3	27.4
2019	1935	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	27.5	27.6
2019	2339	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	28.4	28.5
2019	424	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	29.3	29.4
2019	46	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	29.9	30.0
2019	331	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	30.1	30.2
2019	1	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	30.7	30.8
2019	526	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	31.5	31.6
2019	2799	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	32.2	32.3
2019	2041	57843 NOME	167500	KOUGAROK ROAD/NOME-TAYLOR HIGH	35.3	35.4
2019	114	57843 NOME	167820	FAA/DOYLE ROAD	0.2	0.3
2019	725	57843 NOME	168000	GREG KRUSCHEK AVENUE	1.0	1.1
2019	1639	57843 NOME	168100	SEPPALA DRIVE	0.2	0.3
2019	2154	57843 NOME	168200	CENTER CREEK ROAD	1.1	1.2
2019	394	57843 NOME	168250	LITTLE CREEK ROAD	0.3	0.4
2019	2794	57843 NOME	168400	OSBORN ROAD	0.4	0.5
2019	618	57843 NOME	168400	OSBORN ROAD	3.5	3.6
2019	2352	57843 NOME	168700	DEXTER BYPASS	0.5	0.6
2019	2347	57843 NOME	168700	DEXTER BYPASS	4.2	4.3
2019	392	57843 NOME	168900	OLD GLACIER CREEK ROAD	0.2	0.3
2019	1049	57843 NOME	168900	OLD GLACIER CREEK ROAD	1.0	1.1
2019	1546	57843 NOME	168900	OLD GLACIER CREEK ROAD	2.5	2.6
2019	2840	57843 NOME	168900	OLD GLACIER CREEK ROAD	2.8	2.9
2019	452	57843 NOME	168900	OLD GLACIER CREEK ROAD	3.1	3.2
2019	1691	57843 NOME	168900	OLD GLACIER CREEK ROAD	4.0	4.1
2019	976	57843 NOME	168900	OLD GLACIER CREEK ROAD	5.5	5.6
2019	1309	57843 NOME	168907	GLACIER CREEK ROAD	0.2	0.3
2019	1735	57843 NOME	168907	GLACIER CREEK ROAD	4.7	4.8
2019	1369	57843 NOME	168907	GLACIER CREEK ROAD	6.0	6.1

2019	2375	57843 NOME	168907	GLACIER CREEK ROAD	6.5	6.6
2019	2585	57843 NOME	168907	GLACIER CREEK ROAD	7.2	7.3
2019	691	57843 NOME	168907	GLACIER CREEK ROAD	9.8	9.9
2019	1441	57843 NOME	168907	GLACIER CREEK ROAD	10.3	10.4
2019	272	57844 ST MARYS	097000	SAINT MARYS/MOUNTAIN VILLAGE R	2.2	2.3
2019	367	57844 ST MARYS	097000	SAINT MARYS/MOUNTAIN VILLAGE R	5.7	5.8
2019	2539	57844 ST MARYS	097000	SAINT MARYS/MOUNTAIN VILLAGE R	6.8	6.9
2019	1724	57844 ST MARYS	097000	SAINT MARYS/MOUNTAIN VILLAGE R	7.8	7.9
2019	2790	57844 ST MARYS	097000	SAINT MARYS/MOUNTAIN VILLAGE R	9.1	9.2
2019	2271	57844 ST MARYS	097000	SAINT MARYS/MOUNTAIN VILLAGE R	9.2	9.3
2019	1584	57844 ST MARYS	097000	SAINT MARYS/MOUNTAIN VILLAGE R	11.2	11.3
2019	49	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	21.6	21.7
2019	1039	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	22.8	22.9
2019	205	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	23.4	23.5
2019	420	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	26.1	26.2
2019	1474	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	27.2	27.3
2019	2603	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	28.2	28.3
2019	469	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	30.7	30.8
2019	1389	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	31.8	31.9
2019	2312	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	32.5	32.6
2019	1987	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	34.9	35.0
2019	598	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	35.4	35.5
2019	225	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	39.8	39.9
2019	774	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	40.6	40.7
2019	825	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	44.8	44.9
2019	56	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	47.8	47.9
2019	772	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	48.3	48.4
2019	1263	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	50.5	50.6
2019	688	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	54.4	54.5
2019	2748	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	55.8	55.9
2019	1807	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	59.2	59.3
2019	14	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	59.8	59.9
2019	2192	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	61.0	61.1
2019	1056	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	67.1	67.2
2019	881	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	68.3	68.4
2019	1092	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	68.4	68.5
2019	2676	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	68.5	68.6
2019	170	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	68.9	69.0
2019	1514	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	69.4	69.5
2019	1081	57845 TELLER	167000	NOME-TELLER HIGHWAY/BOB BLODGE	69.7	69.8
2019	2177	57845 TELLER	169600	WOOLEY LAGOON ROAD	2.2	2.3
2019	1417	57845 TELLER	169600	WOOLEY LAGOON ROAD	3.7	3.8
2019	1897	57845 TELLER	169600	WOOLEY LAGOON ROAD	4.3	4.4
2019	954	57845 TELLER	169600	WOOLEY LAGOON ROAD	4.4	4.5
2019	690	57845 TELLER	169600	WOOLEY LAGOON ROAD	5.3	5.4
2019	2290	57845 TELLER	169600	WOOLEY LAGOON ROAD	6.6	6.7
2019	924	57848 VALDEZ AIRPORT	191005	VALDEZ GLACIER ROAD	2.4	2.5
2019	360	57884 ANCHORAGE	130000	SEWARD HIGHWAY	103.8	103.9
2019	297	57884 ANCHORAGE	130000	SEWARD HIGHWAY	104.8	104.9
2019	1072	57884 ANCHORAGE	130000	SEWARD HIGHWAY	106.7	106.8
2019	2436	57884 ANCHORAGE	130000	SEWARD HIGHWAY	107.9	108.0
2019	674	57884 ANCHORAGE	130000	SEWARD HIGHWAY	108.1	108.2
2019	2975	57884 ANCHORAGE	130000	SEWARD HIGHWAY	110.8	110.9
2019	1623	57884 ANCHORAGE	130000	SEWARD HIGHWAY	111.3	111.4
2019	118	57884 ANCHORAGE	130000	SEWARD HIGHWAY	111.4	111.5
2019	455	57884 ANCHORAGE	130000	SEWARD HIGHWAY	114.2	114.3
2019	1476	57884 ANCHORAGE	130000	SEWARD HIGHWAY	118.8	118.9
2019	499	57884 ANCHORAGE	130000	SEWARD HIGHWAY	124.2	124.3
2019	481	57884 ANCHORAGE	130000SB	SEWARD HIGHWAY SB	0.1	0.2
2019	85	57884 ANCHORAGE	130000SB	SEWARD HIGHWAY SB	0.3	0.4

2019	905	57884 ANCHORAGE	130000SB SEWARD HIGHWAY SB	0.5	0.6
2019	2149	57884 ANCHORAGE	130000SB SEWARD HIGHWAY SB	0.6	0.7
2019	2599	57884 ANCHORAGE	130000SB SEWARD HIGHWAY SB	2.4	2.5
2019	1404	57884 ANCHORAGE	130000SB SEWARD HIGHWAY SB	5.9	6.0
2019	1501	57884 ANCHORAGE	130000SB SEWARD HIGHWAY SB	6.3	6.4
2019	1461	57884 ANCHORAGE	133100 DE ARMOUN ROAD	0.8	0.9
2019	758	57884 ANCHORAGE	133100 DE ARMOUN ROAD	1.8	1.9
2019	1251	57884 ANCHORAGE	133200 OLD SEWARD HIGHWAY	1.4	1.5
2019	1611	57884 ANCHORAGE	133200 OLD SEWARD HIGHWAY	2.5	2.6
2019	1455	57884 ANCHORAGE	133200 OLD SEWARD HIGHWAY	2.8	2.9
2019	172	57884 ANCHORAGE	133200 OLD SEWARD HIGHWAY	3.4	3.5
2019	1304	57884 ANCHORAGE	133200 OLD SEWARD HIGHWAY	7.5	7.6
2019	1805	57884 ANCHORAGE	133221 JOHNS ROAD	0.6	0.7
2019	1053	57884 ANCHORAGE	133221 JOHNS ROAD	0.8	0.9
2019	2261	57884 ANCHORAGE	133225 KLATT ROAD OLD	0.5	0.6
2019	1924	57884 ANCHORAGE	133225 KLATT ROAD OLD	0.7	0.8
2019	1758	57884 ANCHORAGE	133300 HUFFMAN ROAD	2.3	2.4
2019	2952	57884 ANCHORAGE	133500 O'MALLEY ROAD	2.0	2.1
2019	150	57884 ANCHORAGE	133502 SEWARD SB - O'MALLEY RAMP	0.1	0.2
2019	592	57884 ANCHORAGE	133510 ELMORE (O'MALLEY) ROAD	1.0	1.1
2019	814	57884 ANCHORAGE	133701 OLD RABBIT CREEK ROAD	0.3	0.4
2019	2658	57884 ANCHORAGE	133710 RABBIT CREEK ROAD	1.3	1.4
2019	1152	57884 ANCHORAGE	133710 RABBIT CREEK ROAD	1.5	1.6
2019	861	57884 ANCHORAGE	133723 HILLSIDE DRIVE	0.2	0.3
2019	2912	57884 ANCHORAGE	133723 HILLSIDE DRIVE	1.8	1.9
2019	175	57884 ANCHORAGE	133723 HILLSIDE DRIVE	2.5	2.6
2019	10	57884 ANCHORAGE	133735 ELMORE ROAD	1.2	1.3
2019	1197	57884 ANCHORAGE	133743 100TH AVENUE	0.8	0.9
2019	1458	57884 ANCHORAGE	133743 100TH AVENUE	1.5	1.6
2019	351	57884 ANCHORAGE	133750 JEWEL LAKE ROAD	0.6	0.7
2019	155	57884 ANCHORAGE	133750 JEWEL LAKE ROAD	1.1	1.2
2019	1917	57884 ANCHORAGE	133765 RASPBERRY ROAD	3.8	3.9
2019	615	57884 ANCHORAGE	133769 RASPBERRY WB - MINNESOTA NB RA	0.2	0.3
2019	1135	57884 ANCHORAGE	133774 KINCAID ROAD	0.2	0.3
2019	1693	57884 ANCHORAGE	133774 KINCAID ROAD	0.8	0.9
2019	2828	57884 ANCHORAGE	133790 100TH AVE - MINNESOTA SB RAMP	0.2	0.3
2019	2274	57884 ANCHORAGE	133791 SEWARD NB - DIMOND OFF RAMP	0.0	0.1
2019	2762	57884 ANCHORAGE	133791 SEWARD NB - DIMOND OFF RAMP	0.3	0.4
2019	589	57884 ANCHORAGE	133800 INTERNATIONAL AIRPORT ROAD	0.5	0.6
2019	550	57884 ANCHORAGE	133800 INTERNATIONAL AIRPORT ROAD	1.3	1.4
2019	490	57884 ANCHORAGE	133800 INTERNATIONAL AIRPORT ROAD	3.1	3.2
2019	1802	57884 ANCHORAGE	133900 MULDOON ROAD	1.4	1.5
2019	1416	57884 ANCHORAGE	133900 MULDOON ROAD	1.6	1.7
2019	865	57884 ANCHORAGE	133900 MULDOON ROAD	2.3	2.4
2019	1878	57884 ANCHORAGE	133904 BRAYTON DRIVE	0.2	0.3
2019	1436	57884 ANCHORAGE	133942 FRONTAGE ROAD	0.3	0.4
2019	73	57884 ANCHORAGE	133954 GLENN EB - MULDOON NB LOOP	0.2	0.3
2019	328	57884 ANCHORAGE	133982 SEWARD SB - TUDOR OFF RAMP	0.0	0.1
2019	2795	57884 ANCHORAGE	134100 BENSON BOULEVARD	1.1	1.2
2019	935	57884 ANCHORAGE	134100 BENSON BOULEVARD	1.4	1.5
2019	426	57884 ANCHORAGE	134100 BENSON BOULEVARD	1.9	2.0
2019	2606	57884 ANCHORAGE	134120 FIREWEED LANE	0.7	0.8
2019	1863	57884 ANCHORAGE	134130 DOWLING ROAD	1.2	1.3
2019	504	57884 ANCHORAGE	134300 MINNESOTA DRIVE	1.0	1.1
2019	1276	57884 ANCHORAGE	134300 MINNESOTA DRIVE	2.9	3.0
2019	2579	57884 ANCHORAGE	134300 MINNESOTA DRIVE	3.1	3.2
2019	2127	57884 ANCHORAGE	134300SB MINNESOTA DRIVE SB	0.7	0.8
2019	2400	57884 ANCHORAGE	134300SB MINNESOTA DRIVE SB	3.9	4.0
2019	2821	57884 ANCHORAGE	134300SB MINNESOTA DRIVE SB	4.1	4.2
2019	1103	57884 ANCHORAGE	134300SB MINNESOTA DRIVE SB	5.0	5.1

2019	1330	57884 ANCHORAGE	134300SB MINNESOTA DRIVE SB	6.3	6.4
2019	1861	57884 ANCHORAGE	134330 ARCTIC BOULEVARD	2.4	2.5
2019	1868	57884 ANCHORAGE	134349 HUMPHREY DRIVE	0.6	0.7
2019	675	57884 ANCHORAGE	134353 MINNESOTA SB - INTERNATIONAL A	0.0	0.1
2019	1699	57884 ANCHORAGE	134353 MINNESOTA SB - INTERNATIONAL A	0.1	0.2
2019	1976	57884 ANCHORAGE	134359 INTERNATIONAL AIRPORT WB - MIN	0.0	0.1
2019	1732	57884 ANCHORAGE	134359 INTERNATIONAL AIRPORT WB - MIN	0.2	0.3
2019	1329	57884 ANCHORAGE	134421 OCEAN DOCK RD - C STREET NB RA	0.1	0.2
2019	1973	57884 ANCHORAGE	134440 5TH AVENUE	1.7	1.8
2019	1687	57884 ANCHORAGE	134480 MINNESOTA SB - HILLCREST RD RA	0.2	0.3
2019	818	57884 ANCHORAGE	134600 6TH AVENUE	0.2	0.3
2019	134	57884 ANCHORAGE	134701 GLENN EB - BONIFACE RAMP	0.0	0.1
2019	1036	57884 ANCHORAGE	134750 NORTHERN LIGHTS BOULEVARD	0.5	0.6
2019	1682	57884 ANCHORAGE	134750 NORTHERN LIGHTS BOULEVARD	0.6	0.7
2019	1534	57884 ANCHORAGE	134750 NORTHERN LIGHTS BOULEVARD	1.8	1.9
2019	2340	57884 ANCHORAGE	134750 NORTHERN LIGHTS BOULEVARD	4.7	4.8
2019	2235	57884 ANCHORAGE	134750 NORTHERN LIGHTS BOULEVARD	5.2	5.3
2019	2383	57884 ANCHORAGE	134750 NORTHERN LIGHTS BOULEVARD	5.9	6.0
2019	2700	57884 ANCHORAGE	134751 POINT WORONZOF DRIVE	0.5	0.6
2019	393	57884 ANCHORAGE	134751 POINT WORONZOF DRIVE	2.5	2.6
2019	1207	57884 ANCHORAGE	134751 POINT WORONZOF DRIVE	2.9	3.0
2019	1921	57884 ANCHORAGE	134800 REEVE BOULEVARD	0.4	0.5
2019	1105	57884 ANCHORAGE	134910 GLENN NB - FORT RICH OFF RAMP	0.2	0.3
2019	677	57884 ANCHORAGE	134920 FORT RICH - GLENN NB ON RAMP	0.2	0.3
2019	968	57884 ANCHORAGE	135000 GLENN HIGHWAY	2.0	2.1
2019	2194	57884 ANCHORAGE	135000 GLENN HIGHWAY	4.5	4.6
2019	453	57884 ANCHORAGE	135000 GLENN HIGHWAY	8.2	8.3
2019	515	57884 ANCHORAGE	135000 GLENN HIGHWAY	10.5	10.6
2019	2364	57884 ANCHORAGE	135000 GLENN HIGHWAY	10.6	10.7
2019	1740	57884 ANCHORAGE	135000 GLENN HIGHWAY	12.7	12.8
2019	580	57884 ANCHORAGE	135000 GLENN HIGHWAY	18.9	19.0
2019	1192	57884 ANCHORAGE	135000 GLENN HIGHWAY	22.1	22.2
2019	1009	57884 ANCHORAGE	135000 GLENN HIGHWAY	22.3	22.4
2019	2245	57884 ANCHORAGE	135000 GLENN HIGHWAY	22.4	22.5
2019	2583	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	7.8	7.9
2019	411	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	8.2	8.3
2019	1634	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	9.4	9.5
2019	178	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	11.0	11.1
2019	1548	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	12.2	12.3
2019	2106	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	14.3	14.4
2019	338	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	14.9	15.0
2019	492	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	16.1	16.2
2019	450	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	18.3	18.4
2019	1821	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	19.2	19.3
2019	559	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	23.6	23.7
2019	315	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	25.3	25.4
2019	1608	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	26.1	26.2
2019	2831	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	26.3	26.4
2019	2389	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	27.4	27.5
2019	801	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	28.6	28.7
2019	1783	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	28.8	28.9
2019	2532	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	31.6	31.7
2019	2974	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	31.8	31.9
2019	2717	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	32.2	32.3
2019	610	57884 ANCHORAGE	135000SB GLENN HIGHWAY SB	32.5	32.6
2019	742	57884 ANCHORAGE	135015 CAMPGROUND ACCESS ROAD	0.9	1.0
2019	437	57884 ANCHORAGE	135025 GLENN SB - EAGLE RIVER LOOP OF	0.2	0.3
2019	2102	57884 ANCHORAGE	135200 OLD GLENN @ EAGLE RIVER	0.2	0.3
2019	37	57884 ANCHORAGE	135200 OLD GLENN @ EAGLE RIVER	0.9	1.0
2019	349	57884 ANCHORAGE	135200 OLD GLENN @ EAGLE RIVER	1.1	1.2

2019	2581	57884 ANCHORAGE	135200	OLD GLENN @ EAGLE RIVER	1.9	2.0
2019	1494	57884 ANCHORAGE	135200	OLD GLENN @ EAGLE RIVER	2.5	2.6
2019	2189	57884 ANCHORAGE	135200	OLD GLENN @ EAGLE RIVER	3.5	3.6
2019	109	57884 ANCHORAGE	135200	OLD GLENN @ EAGLE RIVER	3.7	3.8
2019	2533	57884 ANCHORAGE	135200	OLD GLENN @ EAGLE RIVER	5.3	5.4
2019	380	57884 ANCHORAGE	135200	OLD GLENN @ EAGLE RIVER	7.0	7.1
2019	139	57884 ANCHORAGE	135215	VFW ROAD	0.2	0.3
2019	679	57884 ANCHORAGE	135225	EAGLE RIVER ROAD	2.7	2.8
2019	2301	57884 ANCHORAGE	135225	EAGLE RIVER ROAD	2.8	2.9
2019	2707	57884 ANCHORAGE	135225	EAGLE RIVER ROAD	6.1	6.2
2019	2046	57884 ANCHORAGE	135225	EAGLE RIVER ROAD	6.5	6.6
2019	987	57884 ANCHORAGE	135225	EAGLE RIVER ROAD	6.8	6.9
2019	106	57884 ANCHORAGE	135235	EAGLE RIVER LOOP	0.0	0.1
2019	2566	57884 ANCHORAGE	135235	EAGLE RIVER LOOP	1.6	1.7
2019	1054	57884 ANCHORAGE	135244	N EAGLE RIVER ACCESS - GLENN S	0.1	0.2
2019	781	57884 ANCHORAGE	135258	EAST SIDE DRIVE	0.0	0.1
2019	657	57884 ANCHORAGE	135400	BIRCHWOOD LOOP ROAD	1.9	2.0
2019	2729	57884 ANCHORAGE	135400	BIRCHWOOD LOOP ROAD	2.9	3.0
2019	1148	57884 ANCHORAGE	135400	BIRCHWOOD LOOP ROAD	3.3	3.4
2019	1607	57884 ANCHORAGE	135400	BIRCHWOOD LOOP ROAD	3.6	3.7
2019	602	57884 ANCHORAGE	135400	BIRCHWOOD LOOP ROAD	4.9	5.0
2019	1126	57884 ANCHORAGE	135445	JAYHAWK DRIVE	0.2	0.3
2019	2698	57884 ANCHORAGE	135460	BIRCHWOOD SPUR	0.7	0.8
2019	1908	57884 ANCHORAGE	135550	NORTH PETERS CREEK OVERPASS	0.1	0.2
2019	363	57884 ANCHORAGE	135600	OLD GLENN @ MIRROR LAKE	0.1	0.2
2019	2439	57884 ANCHORAGE	135600	OLD GLENN @ MIRROR LAKE	0.8	0.9
2019	827	57884 ANCHORAGE	135610	GLENN SB - MIRROR LAKE RAMP	0.1	0.2
2019	2725	57884 ANCHORAGE	135702	GLENN SB - EKLUTNA OFF RAMP	0.1	0.2
2019	1041	57884 ANCHORAGE	135730	EKLUTNA LAKE ROAD	0.6	0.7
2019	1720	57884 ANCHORAGE	135730	EKLUTNA LAKE ROAD	1.0	1.1
2019	210	57884 ANCHORAGE	135730	EKLUTNA LAKE ROAD	2.0	2.1
2019	1954	57884 ANCHORAGE	135730	EKLUTNA LAKE ROAD	2.1	2.2
2019	2666	57884 ANCHORAGE	135730	EKLUTNA LAKE ROAD	3.2	3.3
2019	1000	57884 ANCHORAGE	135730	EKLUTNA LAKE ROAD	4.4	4.5
2019	816	57884 ANCHORAGE	135730	EKLUTNA LAKE ROAD	4.9	5.0
2019	2092	57884 ANCHORAGE	135730	EKLUTNA LAKE ROAD	6.5	6.6
2019	1171	57884 ANCHORAGE	135730	EKLUTNA LAKE ROAD	7.4	7.5
2019	1605	57884 ANCHORAGE	135730	EKLUTNA LAKE ROAD	7.7	7.8
2019	1741	57884 ANCHORAGE	135751	GLENN NB - THUNDERBIRD FALLS O	0.1	0.2
2019	2357	57885 GIRDWOOD	130000	SEWARD HIGHWAY	92.5	92.6
2019	2884	57885 GIRDWOOD	130000	SEWARD HIGHWAY	93.5	93.6
2019	1473	57885 GIRDWOOD	130000	SEWARD HIGHWAY	95.4	95.5
2019	953	57885 GIRDWOOD	130000	SEWARD HIGHWAY	99.2	99.3
2019	378	57885 GIRDWOOD	130000	SEWARD HIGHWAY	99.7	99.8
2019	1044	57885 GIRDWOOD	130000	SEWARD HIGHWAY	100.3	100.4
2019	2275	57885 GIRDWOOD	130000	SEWARD HIGHWAY	102.5	102.6
2019	1101	57885 GIRDWOOD	132300	PORTAGE GLACIER ROAD	3.9	4.0
2019	2898	57885 GIRDWOOD	132500	ALYESKA HIGHWAY	0.4	0.5
2019	324	57885 GIRDWOOD	132500	ALYESKA HIGHWAY	1.1	1.2
2019	2542	57885 GIRDWOOD	132500	ALYESKA HIGHWAY	1.8	1.9
2019	1959	57885 GIRDWOOD	132500	ALYESKA HIGHWAY	2.4	2.5
2019	1862	57885 GIRDWOOD	132500	ALYESKA HIGHWAY	2.6	2.7
2019	129	57885 GIRDWOOD	132500	ALYESKA HIGHWAY	2.7	2.8
2019	1292	57885 GIRDWOOD	132525	CROW CREEK ROAD	0.0	0.1
2019	2386	57885 GIRDWOOD	132525	CROW CREEK ROAD	1.6	1.7
2019	2059	57886 SILVERTIP	130000	SEWARD HIGHWAY	46.0	46.1
2019	2415	57886 SILVERTIP	130000	SEWARD HIGHWAY	47.1	47.2
2019	1988	57886 SILVERTIP	130000	SEWARD HIGHWAY	52.2	52.3
2019	2278	57886 SILVERTIP	130000	SEWARD HIGHWAY	52.3	52.4
2019	1005	57886 SILVERTIP	130000	SEWARD HIGHWAY	52.4	52.5

2019	1888	57886 SILVERTIP	130000	SEWARD HIGHWAY	53.3	53.4
2019	740	57886 SILVERTIP	130000	SEWARD HIGHWAY	55.4	55.5
2019	2715	57886 SILVERTIP	130000	SEWARD HIGHWAY	56.2	56.3
2019	1350	57886 SILVERTIP	130000	SEWARD HIGHWAY	56.4	56.5
2019	1652	57886 SILVERTIP	130000	SEWARD HIGHWAY	60.1	60.2
2019	1222	57886 SILVERTIP	130000	SEWARD HIGHWAY	63.7	63.8
2019	1361	57886 SILVERTIP	130000	SEWARD HIGHWAY	64.8	64.9
2019	415	57886 SILVERTIP	130000	SEWARD HIGHWAY	64.9	65.0
2019	346	57886 SILVERTIP	130000	SEWARD HIGHWAY	67.7	67.8
2019	626	57886 SILVERTIP	130000	SEWARD HIGHWAY	70.1	70.2
2019	421	57886 SILVERTIP	130000	SEWARD HIGHWAY	70.7	70.8
2019	2172	57886 SILVERTIP	130000	SEWARD HIGHWAY	71.3	71.4
2019	1506	57886 SILVERTIP	130000	SEWARD HIGHWAY	72.3	72.4
2019	2370	57886 SILVERTIP	130000	SEWARD HIGHWAY	72.8	72.9
2019	1803	57886 SILVERTIP	130000	SEWARD HIGHWAY	73.6	73.7
2019	12	57886 SILVERTIP	132000	HOPE ROAD	0.3	0.4
2019	1138	57886 SILVERTIP	132000	HOPE ROAD	1.0	1.1
2019	900	57886 SILVERTIP	132000	HOPE ROAD	4.9	5.0
2019	2229	57886 SILVERTIP	132000	HOPE ROAD	5.2	5.3
2019	1433	57886 SILVERTIP	132000	HOPE ROAD	9.3	9.4
2019	1593	57886 SILVERTIP	132000	HOPE ROAD	9.9	10.0
2019	2182	57886 SILVERTIP	132000	HOPE ROAD	14.0	14.1
2019	755	57886 SILVERTIP	132000	HOPE ROAD	14.2	14.3
2019	1508	57886 SILVERTIP	132000	HOPE ROAD	14.8	14.9
2019	2327	57886 SILVERTIP	132000	HOPE ROAD	15.0	15.1
2019	2020	57886 SILVERTIP	132000	HOPE ROAD	16.0	16.1
2019	2006	57886 SILVERTIP	132000	HOPE ROAD	17.6	17.7
2019	1139	57886 SILVERTIP	132074	A STREET	0.1	0.2
2019	1517	57894 HOMER	110000	STERLING HIGHWAY	122.2	122.3
2019	2426	57894 HOMER	110000	STERLING HIGHWAY	123.7	123.8
2019	1550	57894 HOMER	110000	STERLING HIGHWAY	130.0	130.1
2019	1426	57894 HOMER	110000	STERLING HIGHWAY	130.4	130.5
2019	2623	57894 HOMER	110000	STERLING HIGHWAY	133.0	133.1
2019	1547	57894 HOMER	110000	STERLING HIGHWAY	133.9	134.0
2019	1979	57894 HOMER	110000	STERLING HIGHWAY	135.3	135.4
2019	1727	57894 HOMER	110150	LAKE STREET	0.4	0.5
2019	1881	57894 HOMER	110200	KACHEMAK BAY DRIVE	0.1	0.2
2019	1250	57894 HOMER	110200	KACHEMAK BAY DRIVE	3.0	3.1
2019	485	57894 HOMER	110300	EAST END ROAD	0.0	0.1
2019	1716	57894 HOMER	110300	EAST END ROAD	1.0	1.1
2019	239	57894 HOMER	110300	EAST END ROAD	3.4	3.5
2019	1464	57894 HOMER	110300	EAST END ROAD	5.4	5.5
2019	166	57894 HOMER	110300	EAST END ROAD	7.2	7.3
2019	1549	57894 HOMER	110300	EAST END ROAD	8.1	8.2
2019	780	57894 HOMER	110300	EAST END ROAD	9.0	9.1
2019	2427	57894 HOMER	110300	EAST END ROAD	10.5	10.6
2019	848	57894 HOMER	110300	EAST END ROAD	14.7	14.8
2019	1811	57894 HOMER	110301	OLD EAST END ROAD	1.2	1.3
2019	1773	57894 HOMER	110301	OLD EAST END ROAD	1.5	1.6
2019	203	57894 HOMER	110305	EAST HILL ROAD	0.6	0.7
2019	2141	57894 HOMER	110305	EAST HILL ROAD	0.7	0.8
2019	2890	57894 HOMER	110305	EAST HILL ROAD	2.0	2.1
2019	1887	57894 HOMER	110360	BEAR CREEK DRIVE	0.4	0.5
2019	2738	57894 HOMER	110525	HOHE STREET	0.1	0.2
2019	230	57894 HOMER	110800	WEST HILL ROAD	1.3	1.4
2019	233	57894 HOMER	110901	SKYLINE DRIVE EAST	1.3	1.4
2019	1787	57894 HOMER	110901	SKYLINE DRIVE EAST	2.5	2.6
2019	812	57894 HOMER	110901	SKYLINE DRIVE EAST	2.8	2.9
2019	304	57894 HOMER	110901	SKYLINE DRIVE EAST	3.8	3.9
2019	1446	57894 HOMER	110950	OHLSON MOUNTAIN ROAD	1.9	2.0

2019	2337	57894 HOMER	110950	OHLSON MOUNTAIN ROAD	4.3	4.4
2019	2402	57894 HOMER	111000	ROGERS LOOP	0.1	0.2
2019	681	57894 HOMER	111300	DIAMOND RIDGE ROAD	1.0	1.1
2019	1332	57894 HOMER	111700	OLD STERLING HIGHWAY	0.6	0.7
2019	930	57894 HOMER	111700	OLD STERLING HIGHWAY	3.4	3.5
2019	30	57894 HOMER	111700	OLD STERLING HIGHWAY	3.8	3.9
2019	2491	57894 HOMER	111700	OLD STERLING HIGHWAY	5.3	5.4
2019	957	57894 HOMER	111700	OLD STERLING HIGHWAY	5.4	5.5
2019	1272	57894 HOMER	111700	OLD STERLING HIGHWAY	5.8	5.9
2019	332	57894 HOMER	111700	OLD STERLING HIGHWAY	6.4	6.5
2019	1647	57894 HOMER	111740	MILO FRITZ AVENUE	0.1	0.2
2019	2205	57894 HOMER	111740	MILO FRITZ AVENUE	0.4	0.5
2019	273	57894 HOMER	111740	MILO FRITZ AVENUE	0.5	0.6
2019	2263	57894 HOMER	111800	NORTH FORK ROAD	3.7	3.8
2019	406	57894 HOMER	111800	NORTH FORK ROAD	3.9	4.0
2019	374	57894 HOMER	111800	NORTH FORK ROAD	7.9	8.0
2019	2183	57894 HOMER	111800	NORTH FORK ROAD	10.3	10.4
2019	1658	57894 HOMER	111800	NORTH FORK ROAD	10.6	10.7
2019	1540	57894 HOMER	111800	NORTH FORK ROAD	10.9	11.0
2019	2562	57894 HOMER	111800	NORTH FORK ROAD	11.1	11.2
2019	2119	57894 HOMER	111800	NORTH FORK ROAD	14.9	15.0
2019	1661	57894 HOMER	111800	NORTH FORK ROAD	15.4	15.5
2019	2887	57894 HOMER	111800	NORTH FORK ROAD	15.8	15.9
2019	744	57894 HOMER	111850	NIKOLAEVSK ROAD	1.1	1.2
2019	1683	57895 KALSIN BAY	067000	PASAGSHAK ROAD	1.9	2.0
2019	2637	57895 KALSIN BAY	067000	PASAGSHAK ROAD	3.8	3.9
2019	2486	57895 KALSIN BAY	067000	PASAGSHAK ROAD	5.1	5.2
2019	2098	57895 KALSIN BAY	067000	PASAGSHAK ROAD	7.7	7.8
2019	797	57895 KALSIN BAY	067000	PASAGSHAK ROAD	9.1	9.2
2019	1478	57895 KALSIN BAY	067000	PASAGSHAK ROAD	9.3	9.4
2019	874	57895 KALSIN BAY	067000	PASAGSHAK ROAD	11.3	11.4
2019	1824	57895 KALSIN BAY	067000	PASAGSHAK ROAD	11.5	11.6
2019	899	57895 KALSIN BAY	067000	PASAGSHAK ROAD	11.8	11.9
2019	502	57895 KALSIN BAY	067000	PASAGSHAK ROAD	12.6	12.7
2019	2300	57895 KALSIN BAY	067000	PASAGSHAK ROAD	12.7	12.8
2019	343	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	12.5	12.6
2019	222	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	14.5	14.6
2019	623	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	15.2	15.3
2019	13	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	16.1	16.2
2019	1269	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	16.5	16.6
2019	1902	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	17.0	17.1
2019	229	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	17.5	17.6
2019	123	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	17.6	17.7
2019	2877	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	18.2	18.3
2019	1286	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	23.4	23.5
2019	25	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	24.0	24.1
2019	1178	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	24.6	24.7
2019	1545	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	27.1	27.2
2019	1736	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	28.2	28.3
2019	642	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	29.0	29.1
2019	640	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	30.2	30.3
2019	1256	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	30.9	31.0
2019	2443	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	31.7	31.8
2019	1511	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	33.1	33.2
2019	2382	57895 KALSIN BAY	067400	CHINIAK HIGHWAY	34.3	34.4
2019	2096	57896 KODIAK	067400	CHINIAK HIGHWAY	1.8	1.9
2019	2673	57896 KODIAK	067400	CHINIAK HIGHWAY	6.9	7.0
2019	1097	57896 KODIAK	067400	CHINIAK HIGHWAY	7.0	7.1
2019	1331	57896 KODIAK	067400	CHINIAK HIGHWAY	9.1	9.2
2019	53	57896 KODIAK	067400	CHINIAK HIGHWAY	10.1	10.2

2019	1483	57896 KODIAK	067475	OTMELOI WAY	0.3	0.4
2019	223	57896 KODIAK	068000	REZANOF DRIVE	0.1	0.2
2019	427	57896 KODIAK	068000	REZANOF DRIVE	6.4	6.5
2019	2968	57896 KODIAK	068000	REZANOF DRIVE	8.0	8.1
2019	231	57896 KODIAK	068000	REZANOF DRIVE	13.4	13.5
2019	2857	57896 KODIAK	068040	ANTON LARSON BAY ROAD	2.6	2.7
2019	1306	57896 KODIAK	068040	ANTON LARSON BAY ROAD	2.9	3.0
2019	1938	57896 KODIAK	068040	ANTON LARSON BAY ROAD	3.0	3.1
2019	660	57896 KODIAK	068040	ANTON LARSON BAY ROAD	3.4	3.5
2019	1986	57896 KODIAK	068040	ANTON LARSON BAY ROAD	4.3	4.4
2019	1421	57896 KODIAK	068040	ANTON LARSON BAY ROAD	5.2	5.3
2019	1407	57896 KODIAK	068040	ANTON LARSON BAY ROAD	5.3	5.4
2019	1792	57896 KODIAK	068040	ANTON LARSON BAY ROAD	6.5	6.6
2019	308	57896 KODIAK	068040	ANTON LARSON BAY ROAD	7.6	7.7
2019	2565	57896 KODIAK	068040	ANTON LARSON BAY ROAD	7.7	7.8
2019	2867	57896 KODIAK	068040	ANTON LARSON BAY ROAD	8.8	8.9
2019	2987	57896 KODIAK	068040	ANTON LARSON BAY ROAD	9.0	9.1
2019	275	57896 KODIAK	068040	ANTON LARSON BAY ROAD	9.5	9.6
2019	2652	57896 KODIAK	068040	ANTON LARSON BAY ROAD	9.9	10.0
2019	385	57896 KODIAK	068040	ANTON LARSON BAY ROAD	10.5	10.6
2019	1771	57896 KODIAK	068551	AMBERCROMBIE DRIVE	0.1	0.2
2019	2201	57896 KODIAK	068554	LAKEVIEW DRIVE	0.4	0.5
2019	1858	57896 KODIAK	069050	AIRPORT ROAD	1.1	1.2
2019	1368	57896 KODIAK	069050	AIRPORT ROAD	1.5	1.6
2019	2572	57897 NINILCHIK	110000	STERLING HIGHWAY	80.5	80.6
2019	2517	57897 NINILCHIK	110000	STERLING HIGHWAY	80.8	80.9
2019	709	57897 NINILCHIK	110000	STERLING HIGHWAY	82.4	82.5
2019	2719	57897 NINILCHIK	110000	STERLING HIGHWAY	83.7	83.8
2019	2035	57897 NINILCHIK	110000	STERLING HIGHWAY	85.7	85.8
2019	2708	57897 NINILCHIK	110000	STERLING HIGHWAY	85.9	86.0
2019	1694	57897 NINILCHIK	110000	STERLING HIGHWAY	86.8	86.9
2019	2256	57897 NINILCHIK	110000	STERLING HIGHWAY	87.6	87.7
2019	395	57897 NINILCHIK	110000	STERLING HIGHWAY	90.1	90.2
2019	476	57897 NINILCHIK	110000	STERLING HIGHWAY	90.9	91.0
2019	2995	57897 NINILCHIK	110000	STERLING HIGHWAY	91.3	91.4
2019	462	57897 NINILCHIK	110000	STERLING HIGHWAY	93.9	94.0
2019	2664	57897 NINILCHIK	110000	STERLING HIGHWAY	94.1	94.2
2019	1571	57897 NINILCHIK	110000	STERLING HIGHWAY	94.9	95.0
2019	2027	57897 NINILCHIK	110000	STERLING HIGHWAY	95.9	96.0
2019	1568	57897 NINILCHIK	110000	STERLING HIGHWAY	97.8	97.9
2019	2621	57897 NINILCHIK	110000	STERLING HIGHWAY	98.7	98.8
2019	921	57897 NINILCHIK	110000	STERLING HIGHWAY	100.4	100.5
2019	1095	57897 NINILCHIK	110000	STERLING HIGHWAY	100.8	100.9
2019	1726	57897 NINILCHIK	110000	STERLING HIGHWAY	100.9	101.0
2019	2143	57897 NINILCHIK	110000	STERLING HIGHWAY	101.0	101.1
2019	1279	57897 NINILCHIK	110000	STERLING HIGHWAY	104.9	105.0
2019	2806	57897 NINILCHIK	110000	STERLING HIGHWAY	105.4	105.5
2019	1112	57897 NINILCHIK	110000	STERLING HIGHWAY	106.7	106.8
2019	624	57897 NINILCHIK	110000	STERLING HIGHWAY	111.3	111.4
2019	972	57897 NINILCHIK	110000	STERLING HIGHWAY	113.2	113.3
2019	2373	57897 NINILCHIK	110000	STERLING HIGHWAY	116.0	116.1
2019	195	57897 NINILCHIK	110000	STERLING HIGHWAY	116.1	116.2
2019	1303	57897 NINILCHIK	113400	OIL WELL ROAD	2.3	2.4
2019	1273	57897 NINILCHIK	113400	OIL WELL ROAD	5.8	5.9
2019	2240	57897 NINILCHIK	113401	KINGSLEY ROAD	0.3	0.4
2019	3	57897 NINILCHIK	114700	COHOE LOOP ROAD	0.5	0.6
2019	253	57897 NINILCHIK	114700	COHOE LOOP ROAD	0.9	1.0
2019	925	57897 NINILCHIK	114700	COHOE LOOP ROAD	2.2	2.3
2019	2266	57897 NINILCHIK	114700	COHOE LOOP ROAD	2.3	2.4
2019	2056	57897 NINILCHIK	114700	COHOE LOOP ROAD	3.8	3.9

2019	1831	57897 NINILCHIK	114700	COHOE LOOP ROAD	5.1	5.2
2019	1800	57897 NINILCHIK	114700	COHOE LOOP ROAD	6.6	6.7
2019	1157	57897 NINILCHIK	114700	COHOE LOOP ROAD	7.8	7.9
2019	2602	57897 NINILCHIK	114700	COHOE LOOP ROAD	7.9	8.0
2019	2996	57897 NINILCHIK	114700	COHOE LOOP ROAD	8.2	8.3
2019	1021	57897 NINILCHIK	114700	COHOE LOOP ROAD	12.7	12.8
2019	717	57897 NINILCHIK	114700	COHOE LOOP ROAD	12.9	13.0
2019	57	57897 NINILCHIK	114700	COHOE LOOP ROAD	13.3	13.4
2019	2883	57897 NINILCHIK	114700	COHOE LOOP ROAD	13.8	13.9
2019	563	57897 NINILCHIK	114760	COHOE BEACH ROAD	0.1	0.2
2019	2893	57897 NINILCHIK	114780	WEBB RAMSELL ROAD	0.0	0.1
2019	701	57898 NORTH KENAI	116100	MILLER LOOP ROAD	0.8	0.9
2019	868	57898 NORTH KENAI	116100	MILLER LOOP ROAD	1.3	1.4
2019	1852	57898 NORTH KENAI	116100	MILLER LOOP ROAD	1.9	2.0
2019	1570	57898 NORTH KENAI	116100	MILLER LOOP ROAD	4.0	4.1
2019	280	57898 NORTH KENAI	116100	MILLER LOOP ROAD	4.9	5.0
2019	2590	57898 NORTH KENAI	116157	BERNICE LAKE ROAD	0.0	0.1
2019	753	57898 NORTH KENAI	116157	BERNICE LAKE ROAD	0.6	0.7
2019	1974	57898 NORTH KENAI	116157	BERNICE LAKE ROAD	0.7	0.8
2019	939	57898 NORTH KENAI	116200	ISLAND LAKE ROAD	2.3	2.4
2019	2372	57898 NORTH KENAI	116300	WIK ROAD	0.5	0.6
2019	2409	57898 NORTH KENAI	116400	HOLT/LAMPLIGHT ROAD	1.1	1.2
2019	2909	57898 NORTH KENAI	116400	HOLT/LAMPLIGHT ROAD	1.5	1.6
2019	2484	57898 NORTH KENAI	116417	OLD LAMPLIGHT ROAD	0.5	0.6
2019	2833	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	12.8	12.9
2019	1625	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	15.3	15.4
2019	1818	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	16.3	16.4
2019	1381	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	16.4	16.5
2019	1252	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	18.7	18.8
2019	2050	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	22.4	22.5
2019	319	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	23.3	23.4
2019	39	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	23.9	24.0
2019	523	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	27.1	27.2
2019	2750	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	27.3	27.4
2019	1008	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	28.9	29.0
2019	2093	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	35.1	35.2
2019	1415	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	36.2	36.3
2019	169	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	36.4	36.5
2019	2269	57898 NORTH KENAI	117600	KENAI SPUR HIGHWAY	38.4	38.5
2019	607	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	1.9	2.0
2019	1943	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	5.3	5.4
2019	716	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	5.9	6.0
2019	1869	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	10.4	10.5
2019	465	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	12.2	12.3
2019	1432	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	12.8	12.9
2019	1996	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	14.2	14.3
2019	2049	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	15.2	15.3
2019	1985	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	17.0	17.1
2019	2868	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	19.6	19.7
2019	22	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	20.2	20.3
2019	858	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	20.8	20.9
2019	1681	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	21.4	21.5
2019	832	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	22.4	22.5
2019	1999	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	22.8	22.9
2019	1711	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	24.1	24.2
2019	447	57899 QUARTZ CREEK	110000	STERLING HIGHWAY	25.3	25.4
2019	2308	57899 QUARTZ CREEK	119100	SNUG HARBOR ROAD	1.2	1.3
2019	511	57899 QUARTZ CREEK	119100	SNUG HARBOR ROAD	2.2	2.3
2019	684	57899 QUARTZ CREEK	119100	SNUG HARBOR ROAD	4.0	4.1
2019	2798	57899 QUARTZ CREEK	119200	SKILAK LAKE ROAD	10.4	10.5

2019	1312	57899 QUARTZ CREEK	119200	SKILAK LAKE ROAD	12.6	12.7
2019	1953	57899 QUARTZ CREEK	119200	SKILAK LAKE ROAD	14.0	14.1
2019	1561	57899 QUARTZ CREEK	119200	SKILAK LAKE ROAD	15.1	15.2
2019	1159	57899 QUARTZ CREEK	119200	SKILAK LAKE ROAD	16.0	16.1
2019	1895	57899 QUARTZ CREEK	119200	SKILAK LAKE ROAD	16.4	16.5
2019	1575	57899 QUARTZ CREEK	119300	BEAN CREEK ROAD	0.7	0.8
2019	2956	57899 QUARTZ CREEK	119500	QUARTZ CREEK ROAD	0.3	0.4
2019	1662	57899 QUARTZ CREEK	130000	SEWARD HIGHWAY	39.6	39.7
2019	2681	57899 QUARTZ CREEK	130000	SEWARD HIGHWAY	40.4	40.5
2019	2222	57899 QUARTZ CREEK	130000	SEWARD HIGHWAY	41.9	42.0
2019	2644	57899 QUARTZ CREEK	130000	SEWARD HIGHWAY	42.5	42.6
2019	1204	57899 QUARTZ CREEK	130000	SEWARD HIGHWAY	44.3	44.4
2019	2254	57900 SELDOVIA	100150	JAKALOF BAY ROAD	2.1	2.2
2019	893	57900 SELDOVIA	100150	JAKALOF BAY ROAD	2.7	2.8
2019	2002	57900 SELDOVIA	100150	JAKALOF BAY ROAD	5.0	5.1
2019	757	57900 SELDOVIA	100150	JAKALOF BAY ROAD	8.4	8.5
2019	1806	57900 SELDOVIA	100150	JAKALOF BAY ROAD	8.6	8.7
2019	1595	57900 SELDOVIA	100150	JAKALOF BAY ROAD	12.3	12.4
2019	2847	57902 SOLDOTNA	110000	STERLING HIGHWAY	26.6	26.7
2019	1002	57902 SOLDOTNA	110000	STERLING HIGHWAY	27.3	27.4
2019	2114	57902 SOLDOTNA	110000	STERLING HIGHWAY	29.9	30.0
2019	2796	57902 SOLDOTNA	110000	STERLING HIGHWAY	31.6	31.7
2019	286	57902 SOLDOTNA	110000	STERLING HIGHWAY	31.7	31.8
2019	1258	57902 SOLDOTNA	110000	STERLING HIGHWAY	32.2	32.3
2019	215	57902 SOLDOTNA	110000	STERLING HIGHWAY	34.3	34.4
2019	1188	57902 SOLDOTNA	110000	STERLING HIGHWAY	36.9	37.0
2019	1984	57902 SOLDOTNA	110000	STERLING HIGHWAY	37.0	37.1
2019	927	57902 SOLDOTNA	110000	STERLING HIGHWAY	40.5	40.6
2019	258	57902 SOLDOTNA	110000	STERLING HIGHWAY	41.0	41.1
2019	2793	57902 SOLDOTNA	110000	STERLING HIGHWAY	41.7	41.8
2019	594	57902 SOLDOTNA	110000	STERLING HIGHWAY	42.4	42.5
2019	2211	57902 SOLDOTNA	110000	STERLING HIGHWAY	43.1	43.2
2019	2500	57902 SOLDOTNA	110000	STERLING HIGHWAY	45.0	45.1
2019	1280	57902 SOLDOTNA	110000	STERLING HIGHWAY	45.9	46.0
2019	376	57902 SOLDOTNA	110000	STERLING HIGHWAY	46.9	47.0
2019	982	57902 SOLDOTNA	110000	STERLING HIGHWAY	48.0	48.1
2019	2299	57902 SOLDOTNA	110000	STERLING HIGHWAY	48.2	48.3
2019	2592	57902 SOLDOTNA	110000	STERLING HIGHWAY	49.4	49.5
2019	1932	57902 SOLDOTNA	110000	STERLING HIGHWAY	49.8	49.9
2019	2913	57902 SOLDOTNA	110000	STERLING HIGHWAY	51.5	51.6
2019	2430	57902 SOLDOTNA	110000	STERLING HIGHWAY	52.3	52.4
2019	1090	57902 SOLDOTNA	110000	STERLING HIGHWAY	52.8	52.9
2019	1772	57902 SOLDOTNA	110000	STERLING HIGHWAY	53.6	53.7
2019	1481	57902 SOLDOTNA	110000	STERLING HIGHWAY	55.8	55.9
2019	2876	57902 SOLDOTNA	110000	STERLING HIGHWAY	57.9	58.0
2019	2123	57902 SOLDOTNA	114930	TUSTUMENA LAKE ROAD	4.8	4.9
2019	1679	57902 SOLDOTNA	114930	TUSTUMENA LAKE ROAD	5.7	5.8
2019	2016	57902 SOLDOTNA	115200	POLLARDS LOOP ROAD	0.7	0.8
2019	2653	57902 SOLDOTNA	115400	KALIFORNSKY BEACH ROAD	1.3	1.4
2019	1486	57902 SOLDOTNA	115400	KALIFORNSKY BEACH ROAD	3.5	3.6
2019	1353	57902 SOLDOTNA	115400	KALIFORNSKY BEACH ROAD	3.7	3.8
2019	1977	57902 SOLDOTNA	115400	KALIFORNSKY BEACH ROAD	4.1	4.2
2019	1992	57902 SOLDOTNA	115400	KALIFORNSKY BEACH ROAD	4.7	4.8
2019	2148	57902 SOLDOTNA	115400	KALIFORNSKY BEACH ROAD	5.0	5.1
2019	2922	57902 SOLDOTNA	115400	KALIFORNSKY BEACH ROAD	10.2	10.3
2019	1357	57902 SOLDOTNA	115400	KALIFORNSKY BEACH ROAD	13.4	13.5
2019	1195	57902 SOLDOTNA	115400	KALIFORNSKY BEACH ROAD	18.2	18.3
2019	1336	57902 SOLDOTNA	115400	KALIFORNSKY BEACH ROAD	18.3	18.4
2019	564	57902 SOLDOTNA	115420	KASILOF BEACH ROAD	0.8	0.9
2019	1114	57902 SOLDOTNA	115525	CANNERY ROAD	0.1	0.2

2019	682	57902 SOLDOTNA	115600	CIECHANSKI ROAD	0.8	0.9
2019	1697	57902 SOLDOTNA	115950	GAS WELL ROAD	0.4	0.5
2019	528	57902 SOLDOTNA	116655	KOWAKAN STREET	0.0	0.1
2019	101	57902 SOLDOTNA	116700	ECHO LAKE ROAD	0.8	0.9
2019	86	57902 SOLDOTNA	116700	ECHO LAKE ROAD	3.2	3.3
2019	2097	57902 SOLDOTNA	117000	SKI HILL ROAD	1.3	1.4
2019	2724	57902 SOLDOTNA	117300	FUNNY RIVER ROAD	0.9	1.0
2019	495	57902 SOLDOTNA	117300	FUNNY RIVER ROAD	1.1	1.2
2019	1318	57902 SOLDOTNA	117300	FUNNY RIVER ROAD	1.3	1.4
2019	871	57902 SOLDOTNA	117300	FUNNY RIVER ROAD	1.9	2.0
2019	1574	57902 SOLDOTNA	117300	FUNNY RIVER ROAD	2.6	2.7
2019	1655	57902 SOLDOTNA	117300	FUNNY RIVER ROAD	5.6	5.7
2019	2447	57902 SOLDOTNA	117300	FUNNY RIVER ROAD	10.9	11.0
2019	586	57902 SOLDOTNA	117300	FUNNY RIVER ROAD	12.2	12.3
2019	859	57902 SOLDOTNA	117300	FUNNY RIVER ROAD	12.6	12.7
2019	188	57902 SOLDOTNA	117373	OWEN ROAD	0.0	0.1
2019	1177	57902 SOLDOTNA	117385	JAMES STREET	0.7	0.8
2019	350	57902 SOLDOTNA	117454	STATE PARK ROAD	0.8	0.9
2019	739	57902 SOLDOTNA	117500	MACKEY LAKE ROAD	2.1	2.2
2019	1223	57902 SOLDOTNA	117600	KENAI SPUR HIGHWAY	1.1	1.2
2019	655	57902 SOLDOTNA	117600	KENAI SPUR HIGHWAY	2.9	3.0
2019	70	57902 SOLDOTNA	117600	KENAI SPUR HIGHWAY	3.5	3.6
2019	730	57902 SOLDOTNA	117600	KENAI SPUR HIGHWAY	5.1	5.2
2019	16	57902 SOLDOTNA	117600	KENAI SPUR HIGHWAY	6.6	6.7
2019	2802	57902 SOLDOTNA	117600	KENAI SPUR HIGHWAY	7.6	7.7
2019	2508	57902 SOLDOTNA	117703	CARVER DRIVE	0.1	0.2
2019	1944	57902 SOLDOTNA	117790	BRIDGE ACCESS ROAD	0.4	0.5
2019	418	57902 SOLDOTNA	117790	BRIDGE ACCESS ROAD	0.8	0.9
2019	2009	57902 SOLDOTNA	117790	BRIDGE ACCESS ROAD	0.9	1.0
2019	1119	57902 SOLDOTNA	117790	BRIDGE ACCESS ROAD	1.5	1.6
2019	1728	57902 SOLDOTNA	118550	SWANSON RIVER ROAD	0.4	0.5
2019	1297	57902 SOLDOTNA	118700	SCOUT LAKE ROAD	0.0	0.1
2019	2655	57902 SOLDOTNA	118700	SCOUT LAKE ROAD	2.1	2.2
2019	245	57902 SOLDOTNA	118700	SCOUT LAKE ROAD	3.4	3.5
2019	1424	57902 SOLDOTNA	119200	SKILAK LAKE ROAD	5.2	5.3
2019	1589	57902 SOLDOTNA	119200	SKILAK LAKE ROAD	9.0	9.1
2019	1587	57902 SOLDOTNA	119225	LOWER SKILAK CAMPGROUND ROAD	0.2	0.3
2019	1121	57902 SOLDOTNA	119250	UPPER SKILAK LAKE ROAD	0.8	0.9
2019	1146	57903 CROWN POINT	130000	SEWARD HIGHWAY	3.6	3.7
2019	2577	57903 CROWN POINT	130000	SEWARD HIGHWAY	4.0	4.1
2019	1810	57903 CROWN POINT	130000	SEWARD HIGHWAY	5.0	5.1
2019	1660	57903 CROWN POINT	130000	SEWARD HIGHWAY	8.3	8.4
2019	82	57903 CROWN POINT	130000	SEWARD HIGHWAY	10.0	10.1
2019	1583	57903 CROWN POINT	130000	SEWARD HIGHWAY	10.7	10.8
2019	1827	57903 CROWN POINT	130000	SEWARD HIGHWAY	11.5	11.6
2019	459	57903 CROWN POINT	130000	SEWARD HIGHWAY	13.2	13.3
2019	1799	57903 CROWN POINT	130000	SEWARD HIGHWAY	16.1	16.2
2019	2315	57903 CROWN POINT	130000	SEWARD HIGHWAY	16.9	17.0
2019	1591	57903 CROWN POINT	130000	SEWARD HIGHWAY	18.5	18.6
2019	2497	57903 CROWN POINT	130000	SEWARD HIGHWAY	18.7	18.8
2019	1855	57903 CROWN POINT	130000	SEWARD HIGHWAY	20.8	20.9
2019	1016	57903 CROWN POINT	130000	SEWARD HIGHWAY	21.2	21.3
2019	1626	57903 CROWN POINT	130000	SEWARD HIGHWAY	23.9	24.0
2019	2881	57903 CROWN POINT	130000	SEWARD HIGHWAY	28.3	28.4
2019	2679	57903 CROWN POINT	130000	SEWARD HIGHWAY	32.5	32.6
2019	1554	57903 CROWN POINT	130000	SEWARD HIGHWAY	32.8	32.9
2019	1274	57903 CROWN POINT	130000	SEWARD HIGHWAY	33.0	33.1
2019	2695	57903 CROWN POINT	130000	SEWARD HIGHWAY	36.2	36.3
2019	2435	57903 CROWN POINT	130650	HERMAN LEIRER ROAD	0.5	0.6
2019	1910	57903 CROWN POINT	130650	HERMAN LEIRER ROAD	3.0	3.1

2019	2838	57903 CROWN POINT	130650	HERMAN LEIRER ROAD	4.4	4.5
2019	1576	57914 CASCADE	135000	GLENN HIGHWAY	59.9	60.0
2019	553	57914 CASCADE	135000	GLENN HIGHWAY	61.5	61.6
2019	793	57914 CASCADE	135000	GLENN HIGHWAY	62.4	62.5
2019	2819	57914 CASCADE	135000	GLENN HIGHWAY	62.9	63.0
2019	2992	57914 CASCADE	135000	GLENN HIGHWAY	64.2	64.3
2019	973	57914 CASCADE	135000	GLENN HIGHWAY	73.2	73.3
2019	2672	57914 CASCADE	135000	GLENN HIGHWAY	74.5	74.6
2019	306	57914 CASCADE	135000	GLENN HIGHWAY	75.5	75.6
2019	1927	57914 CASCADE	135000	GLENN HIGHWAY	78.0	78.1
2019	2398	57914 CASCADE	135000	GLENN HIGHWAY	78.6	78.7
2019	364	57914 CASCADE	135000	GLENN HIGHWAY	80.0	80.1
2019	1375	57914 CASCADE	135000	GLENN HIGHWAY	80.1	80.2
2019	2519	57914 CASCADE	135000	GLENN HIGHWAY	84.2	84.3
2019	2522	57914 CASCADE	135000	GLENN HIGHWAY	84.3	84.4
2019	2078	57914 CASCADE	135000	GLENN HIGHWAY	85.2	85.3
2019	542	57914 CASCADE	135000	GLENN HIGHWAY	89.5	89.6
2019	662	57914 CASCADE	135000	GLENN HIGHWAY	91.8	91.9
2019	2284	57914 CASCADE	135000	GLENN HIGHWAY	92.7	92.8
2019	242	57914 CASCADE	135000	GLENN HIGHWAY	94.4	94.5
2019	2914	57914 CASCADE	135000	GLENN HIGHWAY	95.6	95.7
2019	2734	57914 CASCADE	135000	GLENN HIGHWAY	98.4	98.5
2019	2303	57914 CASCADE	135000	GLENN HIGHWAY	99.4	99.5
2019	1181	57914 CASCADE	135000	GLENN HIGHWAY	99.8	99.9
2019	1484	57914 CASCADE	135000	GLENN HIGHWAY	100.0	100.1
2019	111	57914 CASCADE	135000	GLENN HIGHWAY	101.8	101.9
2019	554	57914 CASCADE	135000	GLENN HIGHWAY	103.5	103.6
2019	790	57914 CASCADE	135000	GLENN HIGHWAY	105.5	105.6
2019	2791	57914 CASCADE	135000	GLENN HIGHWAY	106.4	106.5
2019	361	57914 CASCADE	135000	GLENN HIGHWAY	108.0	108.1
2019	1384	57914 CASCADE	135000	GLENN HIGHWAY	109.7	109.8
2019	282	57914 CASCADE	138153	VICTORY BIBLE CAMP ROAD	1.0	1.1
2019	974	57914 CASCADE	138160	PINOCHLE LANE	0.5	0.6
2019	708	57915 CHULITNA	170000	PARKS HIGHWAY	63.7	63.8
2019	995	57915 CHULITNA	170000	PARKS HIGHWAY	66.2	66.3
2019	692	57915 CHULITNA	170000	PARKS HIGHWAY	66.9	67.0
2019	2353	57915 CHULITNA	170000	PARKS HIGHWAY	69.1	69.2
2019	2419	57915 CHULITNA	170000	PARKS HIGHWAY	70.4	70.5
2019	1392	57915 CHULITNA	170000	PARKS HIGHWAY	73.8	73.9
2019	687	57915 CHULITNA	170000	PARKS HIGHWAY	75.0	75.1
2019	1931	57915 CHULITNA	170000	PARKS HIGHWAY	76.1	76.2
2019	1190	57915 CHULITNA	170000	PARKS HIGHWAY	77.4	77.5
2019	595	57915 CHULITNA	170000	PARKS HIGHWAY	88.4	88.5
2019	1705	57915 CHULITNA	170000	PARKS HIGHWAY	88.9	89.0
2019	2823	57915 CHULITNA	170000	PARKS HIGHWAY	90.5	90.6
2019	2848	57915 CHULITNA	170000	PARKS HIGHWAY	91.1	91.2
2019	2258	57915 CHULITNA	170000	PARKS HIGHWAY	91.9	92.0
2019	2276	57915 CHULITNA	170000	PARKS HIGHWAY	100.6	100.7
2019	1493	57915 CHULITNA	170000	PARKS HIGHWAY	103.0	103.1
2019	654	57915 CHULITNA	170000	PARKS HIGHWAY	103.5	103.6
2019	1070	57915 CHULITNA	170000	PARKS HIGHWAY	103.9	104.0
2019	1615	57915 CHULITNA	170000	PARKS HIGHWAY	104.3	104.4
2019	775	57915 CHULITNA	170000	PARKS HIGHWAY	111.2	111.3
2019	1502	57915 CHULITNA	170000	PARKS HIGHWAY	111.7	111.8
2019	1127	57915 CHULITNA	170000	PARKS HIGHWAY	115.3	115.4
2019	2775	57915 CHULITNA	170000	PARKS HIGHWAY	120.5	120.6
2019	1796	57915 CHULITNA	170000	PARKS HIGHWAY	121.8	121.9
2019	2537	57915 CHULITNA	170000	PARKS HIGHWAY	122.4	122.5
2019	2712	57915 CHULITNA	170000	PARKS HIGHWAY	124.5	124.6
2019	1983	57915 CHULITNA	170000	PARKS HIGHWAY	125.8	125.9

2019	1620	57915 CHULITNA	171300	PETERSVILLE ROAD	0.7	0.8
2019	29	57915 CHULITNA	171300	PETERSVILLE ROAD	1.1	1.2
2019	471	57915 CHULITNA	171300	PETERSVILLE ROAD	1.7	1.8
2019	2901	57915 CHULITNA	171300	PETERSVILLE ROAD	5.6	5.7
2019	107	57915 CHULITNA	171300	PETERSVILLE ROAD	7.8	7.9
2019	317	57915 CHULITNA	171300	PETERSVILLE ROAD	9.8	9.9
2019	1343	57915 CHULITNA	171300	PETERSVILLE ROAD	10.0	10.1
2019	2911	57915 CHULITNA	171300	PETERSVILLE ROAD	10.6	10.7
2019	248	57915 CHULITNA	171300	PETERSVILLE ROAD	12.7	12.8
2019	2253	57915 CHULITNA	171300	PETERSVILLE ROAD	13.9	14.0
2019	43	57915 CHULITNA	171300	PETERSVILLE ROAD	15.0	15.1
2019	439	57915 CHULITNA	171300	PETERSVILLE ROAD	20.4	20.5
2019	1957	57915 CHULITNA	171300	PETERSVILLE ROAD	22.1	22.2
2019	2925	57915 CHULITNA	171300	PETERSVILLE ROAD	24.0	24.1
2019	2130	57915 CHULITNA	171300	PETERSVILLE ROAD	25.0	25.1
2019	2962	57915 CHULITNA	171300	PETERSVILLE ROAD	25.1	25.2
2019	1107	57915 CHULITNA	171300	PETERSVILLE ROAD	25.3	25.4
2019	603	57915 CHULITNA	171300	PETERSVILLE ROAD	26.2	26.3
2019	1285	57915 CHULITNA	171300	PETERSVILLE ROAD	26.7	26.8
2019	1017	57915 CHULITNA	171300	PETERSVILLE ROAD	28.2	28.3
2019	2926	57915 CHULITNA	171300	PETERSVILLE ROAD	29.2	29.3
2019	2061	57915 CHULITNA	171300	PETERSVILLE ROAD	30.2	30.3
2019	869	57915 CHULITNA	171420	BRADLY ROAD	0.1	0.2
2019	2293	57915 CHULITNA	171420	BRADLY ROAD	2.9	3.0
2019	2908	57917 PALMER	135000	GLENN HIGHWAY	34.3	34.4
2019	2852	57917 PALMER	135000	GLENN HIGHWAY	34.4	34.5
2019	544	57917 PALMER	135000	GLENN HIGHWAY	39.2	39.3
2019	194	57917 PALMER	135000	GLENN HIGHWAY	40.1	40.2
2019	196	57917 PALMER	135000	GLENN HIGHWAY	42.4	42.5
2019	87	57917 PALMER	135000	GLENN HIGHWAY	43.8	43.9
2019	673	57917 PALMER	135000	GLENN HIGHWAY	45.9	46.0
2019	548	57917 PALMER	135000	GLENN HIGHWAY	47.7	47.8
2019	2064	57917 PALMER	135000	GLENN HIGHWAY	49.9	50.0
2019	487	57917 PALMER	135000	GLENN HIGHWAY	50.6	50.7
2019	752	57917 PALMER	135000	GLENN HIGHWAY	53.2	53.3
2019	2017	57917 PALMER	135000	GLENN HIGHWAY	58.0	58.1
2019	291	57917 PALMER	135000SB	GLENN HIGHWAY SB	2.6	2.7
2019	2504	57917 PALMER	135000SB	GLENN HIGHWAY SB	3.3	3.4
2019	651	57917 PALMER	135000SB	GLENN HIGHWAY SB	4.8	4.9
2019	1482	57917 PALMER	136000	OLD GLENN @ PALMER	1.4	1.5
2019	2213	57917 PALMER	136000	OLD GLENN @ PALMER	4.1	4.2
2019	295	57917 PALMER	136000	OLD GLENN @ PALMER	7.3	7.4
2019	2994	57917 PALMER	136000	OLD GLENN @ PALMER	8.5	8.6
2019	217	57917 PALMER	136000	OLD GLENN @ PALMER	9.5	9.6
2019	1538	57917 PALMER	136000	OLD GLENN @ PALMER	10.2	10.3
2019	2478	57917 PALMER	136000	OLD GLENN @ PALMER	11.0	11.1
2019	1033	57917 PALMER	136000	OLD GLENN @ PALMER	11.3	11.4
2019	2568	57917 PALMER	136000	OLD GLENN @ PALMER	13.1	13.2
2019	2816	57917 PALMER	136000	OLD GLENN @ PALMER	14.0	14.1
2019	634	57917 PALMER	136000	OLD GLENN @ PALMER	15.2	15.3
2019	1733	57917 PALMER	136010	OLD GLENN @ PALMER WB - GLENN	0.0	0.1
2019	1653	57917 PALMER	136015	OLD GLENN @ PALMER - GLENN NB	0.1	0.2
2019	156	57917 PALMER	136042	MCKECHNIE LOOP	0.5	0.6
2019	1399	57917 PALMER	136045	BODENBURG LOOP	3.8	3.9
2019	278	57917 PALMER	136045	BODENBURG LOOP	3.9	4.0
2019	1270	57917 PALMER	136045	BODENBURG LOOP	4.8	4.9
2019	1968	57917 PALMER	136065	SMITH ROAD	0.5	0.6
2019	1942	57917 PALMER	136075	CLARK/WOLVERINE	1.4	1.5
2019	103	57917 PALMER	136075	CLARK/WOLVERINE	1.8	1.9
2019	1086	57917 PALMER	136076	WOLVERINE ROAD	3.1	3.2

2019	251	57917 PALMER	136076	WOLVERINE ROAD	3.3	3.4
2019	1480	57917 PALMER	136076	WOLVERINE ROAD	4.6	4.7
2019	1531	57917 PALMER	136076	WOLVERINE ROAD	5.4	5.5
2019	1167	57917 PALMER	136076	WOLVERINE ROAD	5.7	5.8
2019	1785	57917 PALMER	136077	HUNTLEY ROAD	0.6	0.7
2019	1373	57917 PALMER	136800	PALMER/WASILLA HIGHWAY	0.4	0.5
2019	102	57917 PALMER	136800	PALMER/WASILLA HIGHWAY	1.5	1.6
2019	747	57917 PALMER	136800	PALMER/WASILLA HIGHWAY	2.3	2.4
2019	2710	57917 PALMER	136800	PALMER/WASILLA HIGHWAY	2.9	3.0
2019	897	57917 PALMER	136800	PALMER/WASILLA HIGHWAY	3.2	3.3
2019	2610	57917 PALMER	136800	PALMER/WASILLA HIGHWAY	6.7	6.8
2019	227	57917 PALMER	136800	PALMER/WASILLA HIGHWAY	7.7	7.8
2019	1712	57917 PALMER	136800	PALMER/WASILLA HIGHWAY	10.4	10.5
2019	2564	57917 PALMER	136805	49TH STATE STREET	0.6	0.7
2019	2824	57917 PALMER	136900	INNER SPRINGER LOOP	1.2	1.3
2019	108	57917 PALMER	136910	OUTER SPRINGER LOOP	1.2	1.3
2019	449	57917 PALMER	136910	OUTER SPRINGER LOOP	2.1	2.2
2019	1431	57917 PALMER	136910	OUTER SPRINGER LOOP	3.6	3.7
2019	1194	57917 PALMER	136910	OUTER SPRINGER LOOP	4.4	4.5
2019	301	57917 PALMER	137000	PALMER-FISHHOOK ROAD	0.1	0.2
2019	1037	57917 PALMER	137000	PALMER-FISHHOOK ROAD	0.4	0.5
2019	2779	57917 PALMER	137000	PALMER-FISHHOOK ROAD	0.5	0.6
2019	685	57917 PALMER	137000	PALMER-FISHHOOK ROAD	2.0	2.1
2019	104	57917 PALMER	137000	PALMER-FISHHOOK ROAD	2.4	2.5
2019	1462	57917 PALMER	137000	PALMER-FISHHOOK ROAD	2.5	2.6
2019	2063	57917 PALMER	137000	PALMER-FISHHOOK ROAD	5.3	5.4
2019	1460	57917 PALMER	137000	PALMER-FISHHOOK ROAD	5.6	5.7
2019	1795	57917 PALMER	137000	PALMER-FISHHOOK ROAD	6.7	6.8
2019	1338	57917 PALMER	137000	PALMER-FISHHOOK ROAD	9.6	9.7
2019	2494	57917 PALMER	137000	PALMER-FISHHOOK ROAD	9.8	9.9
2019	137	57917 PALMER	137000	PALMER-FISHHOOK ROAD	13.7	13.8
2019	1010	57917 PALMER	137000	PALMER-FISHHOOK ROAD	14.3	14.4
2019	307	57917 PALMER	137000	PALMER-FISHHOOK ROAD	15.8	15.9
2019	2348	57917 PALMER	137700	WILLOW FISHHOOK ROAD	1.7	1.8
2019	255	57917 PALMER	137700	WILLOW FISHHOOK ROAD	1.9	2.0
2019	706	57917 PALMER	137700	WILLOW FISHHOOK ROAD	2.9	3.0
2019	1156	57917 PALMER	137746	GOLD CHORD ROAD	0.3	0.4
2019	2617	57917 PALMER	137900	FARM LOOP ROAD	1.5	1.6
2019	35	57917 PALMER	137900	FARM LOOP ROAD	2.7	2.8
2019	1922	57917 PALMER	138000	BUFFALO MINE/MOOSE CREEK ROAD	0.9	1.0
2019	2541	57917 PALMER	138000	BUFFALO MINE/MOOSE CREEK ROAD	1.2	1.3
2019	767	57917 PALMER	138000	BUFFALO MINE/MOOSE CREEK ROAD	2.0	2.1
2019	2955	57917 PALMER	138000	BUFFALO MINE/MOOSE CREEK ROAD	3.6	3.7
2019	2448	57917 PALMER	138060	JONESVILLE MINE ROAD NORTH	1.7	1.8
2019	1106	57917 PALMER	160101	VINE ROAD	0.5	0.6
2019	1904	57917 PALMER	170000	PARKS HIGHWAY	1.1	1.2
2019	288	57917 PALMER	170000	PARKS HIGHWAY	2.3	2.4
2019	2684	57917 PALMER	170000	PARKS HIGHWAY	5.2	5.3
2019	41	57917 PALMER	170000	PARKS HIGHWAY	7.3	7.4
2019	2550	57917 PALMER	170000	PARKS HIGHWAY	7.6	7.7
2019	1173	57917 PALMER	170000	PARKS HIGHWAY	7.8	7.9
2019	2766	57917 PALMER	170000	PARKS HIGHWAY	14.3	14.4
2019	1444	57917 PALMER	170000SM	PARKS HIGHWAY SB MATSU	0.1	0.2
2019	1871	57917 PALMER	170000SM	PARKS HIGHWAY SB MATSU	2.8	2.9
2019	18	57917 PALMER	170000SM	PARKS HIGHWAY SB MATSU	5.8	5.9
2019	2384	57917 PALMER	170000SM	PARKS HIGHWAY SB MATSU	7.0	7.1
2019	2761	57917 PALMER	170000SM	PARKS HIGHWAY SB MATSU	8.9	9.0
2019	2663	57917 PALMER	170005	WOODWORTH LOOP ROAD	0.8	0.9
2019	1934	57917 PALMER	170016	EAST FIREWEED ROAD	1.1	1.2
2019	2817	57917 PALMER	170016	EAST FIREWEED ROAD	3.4	3.5

2019	2933	57917 PALMER	170017	NB PARKS TO HYER OFF-RAMP	0.1	0.2
2019	1067	57917 PALMER	170020	HYER ROAD	1.6	1.7
2019	2668	57917 PALMER	170024	BLUE LUPINE DRIVE	2.8	2.9
2019	2492	57917 PALMER	170025	DAVIS ROAD	0.2	0.3
2019	1302	57917 PALMER	170028	FAIRVIEW LOOP ROAD	0.7	0.8
2019	1829	57917 PALMER	170028	FAIRVIEW LOOP ROAD	1.2	1.3
2019	894	57917 PALMER	170028	FAIRVIEW LOOP ROAD	2.0	2.1
2019	2696	57917 PALMER	170028	FAIRVIEW LOOP ROAD	2.1	2.2
2019	1315	57917 PALMER	170028	FAIRVIEW LOOP ROAD	5.2	5.3
2019	731	57917 PALMER	170028	FAIRVIEW LOOP ROAD	5.5	5.6
2019	1558	57917 PALMER	170028	FAIRVIEW LOOP ROAD	8.8	8.9
2019	2869	57917 PALMER	170028	FAIRVIEW LOOP ROAD	8.9	9.0
2019	2859	57917 PALMER	170028	FAIRVIEW LOOP ROAD	10.3	10.4
2019	1879	57917 PALMER	170030	OLD MATANUSKA/WILLOW ROAD	1.9	2.0
2019	435	57917 PALMER	170030	OLD MATANUSKA/WILLOW ROAD	2.5	2.6
2019	1875	57917 PALMER	170030	OLD MATANUSKA/WILLOW ROAD	2.6	2.7
2019	2709	57917 PALMER	170044	KNIK-GOOSE BAY ROAD	1.1	1.2
2019	259	57917 PALMER	170044	KNIK-GOOSE BAY ROAD	2.7	2.8
2019	1900	57917 PALMER	170044	KNIK-GOOSE BAY ROAD	3.2	3.3
2019	477	57917 PALMER	170044	KNIK-GOOSE BAY ROAD	6.5	6.6
2019	141	57917 PALMER	170044	KNIK-GOOSE BAY ROAD	10.6	10.7
2019	234	57917 PALMER	170044	KNIK-GOOSE BAY ROAD	13.2	13.3
2019	454	57917 PALMER	170044	KNIK-GOOSE BAY ROAD	14.1	14.2
2019	2745	57917 PALMER	170044	KNIK-GOOSE BAY ROAD	14.3	14.4
2019	1026	57917 PALMER	170044	KNIK-GOOSE BAY ROAD	15.4	15.5
2019	1616	57917 PALMER	170044	KNIK-GOOSE BAY ROAD	17.8	17.9
2019	1371	57917 PALMER	170044	KNIK-GOOSE BAY ROAD	18.6	18.7
2019	2588	57917 PALMER	170047	WASILLA/FISHHOOK ROAD	0.4	0.5
2019	630	57917 PALMER	170047	WASILLA/FISHHOOK ROAD	1.7	1.8
2019	1854	57917 PALMER	170047	WASILLA/FISHHOOK ROAD	3.1	3.2
2019	1117	57917 PALMER	170047	WASILLA/FISHHOOK ROAD	5.6	5.7
2019	2441	57917 PALMER	170047	WASILLA/FISHHOOK ROAD	6.9	7.0
2019	2170	57917 PALMER	170047	WASILLA/FISHHOOK ROAD	7.4	7.5
2019	842	57917 PALMER	170047	WASILLA/FISHHOOK ROAD	7.8	7.9
2019	587	57917 PALMER	170047	WASILLA/FISHHOOK ROAD	10.0	10.1
2019	2628	57917 PALMER	170054	LUCUS ROAD	0.1	0.2
2019	2104	57917 PALMER	170054	LUCUS ROAD	0.2	0.3
2019	2457	57917 PALMER	170056	CHURCH ROAD	0.5	0.6
2019	923	57917 PALMER	170056	CHURCH ROAD	1.2	1.3
2019	2038	57917 PALMER	170056	CHURCH ROAD	2.7	2.8
2019	555	57917 PALMER	170056	CHURCH ROAD	3.8	3.9
2019	811	57917 PALMER	170064	SCHROCK ROAD	1.0	1.1
2019	1844	57917 PALMER	170064	SCHROCK ROAD	1.5	1.6
2019	247	57917 PALMER	170064	SCHROCK ROAD	3.0	3.1
2019	2594	57917 PALMER	170064	SCHROCK ROAD	3.9	4.0
2019	2559	57917 PALMER	170064	SCHROCK ROAD	6.3	6.4
2019	1047	57917 PALMER	170066	PITTMAN ROAD	0.8	0.9
2019	2117	57917 PALMER	170066	PITTMAN ROAD	1.8	1.9
2019	532	57917 PALMER	170066	PITTMAN ROAD	5.3	5.4
2019	1454	57917 PALMER	170073	BIG LAKE ROAD	1.0	1.1
2019	1317	57917 PALMER	170073	BIG LAKE ROAD	3.2	3.3
2019	2366	57917 PALMER	170073	BIG LAKE ROAD	3.7	3.8
2019	1632	57917 PALMER	170073	BIG LAKE ROAD	6.3	6.4
2019	1962	57917 PALMER	170077	HOLLYWOOD ROAD	1.7	1.8
2019	1166	57917 PALMER	170077	HOLLYWOOD ROAD	5.3	5.4
2019	883	57917 PALMER	170077	HOLLYWOOD ROAD	6.6	6.7
2019	1385	57917 PALMER	170088	EAST SELDON EXTENSION/BOGARD E	3.9	4.0
2019	918	57917 PALMER	170088	EAST SELDON EXTENSION/BOGARD E	4.7	4.8
2019	2091	57917 PALMER	170088	EAST SELDON EXTENSION/BOGARD E	5.2	5.3
2019	885	57917 PALMER	170093	NB SEWARD MERIDIAN TO PARKS NB	0.0	0.1

2019	2493	57917 PALMER	170200	TRUNK ROAD	0.4	0.5
2019	1928	57917 PALMER	170200	TRUNK ROAD	1.9	2.0
2019	2032	57917 PALMER	170200	TRUNK ROAD	5.0	5.1
2019	1654	57917 PALMER	170700	BOGARD ROAD	0.4	0.5
2019	2843	57917 PALMER	170700	BOGARD ROAD	0.5	0.6
2019	191	57917 PALMER	170700	BOGARD ROAD	2.6	2.7
2019	2804	57917 PALMER	170700	BOGARD ROAD	3.0	3.1
2019	497	57917 PALMER	170700	BOGARD ROAD	3.2	3.3
2019	914	57917 PALMER	170700	BOGARD ROAD	5.1	5.2
2019	2641	57917 PALMER	170700	BOGARD ROAD	5.4	5.5
2019	314	57917 PALMER	170700	BOGARD ROAD	7.2	7.3
2019	298	57918 TALKEETNA	171000	TALKEETNA SPUR ROAD	1.3	1.4
2019	2554	57918 TALKEETNA	171000	TALKEETNA SPUR ROAD	4.4	4.5
2019	1367	57918 TALKEETNA	171000	TALKEETNA SPUR ROAD	5.3	5.4
2019	962	57918 TALKEETNA	171000	TALKEETNA SPUR ROAD	6.8	6.9
2019	1850	57918 TALKEETNA	171000	TALKEETNA SPUR ROAD	9.0	9.1
2019	771	57918 TALKEETNA	171000	TALKEETNA SPUR ROAD	10.5	10.6
2019	318	57918 TALKEETNA	171000	TALKEETNA SPUR ROAD	12.6	12.7
2019	1961	57918 TALKEETNA	171050	COMSAT ROAD	0.5	0.6
2019	591	57918 TALKEETNA	171050	COMSAT ROAD	1.1	1.2
2019	120	57918 TALKEETNA	171050	COMSAT ROAD	1.6	1.7
2019	1468	57918 TALKEETNA	171050	COMSAT ROAD	1.8	1.9
2019	2872	57918 TALKEETNA	171050	COMSAT ROAD	2.0	2.1
2019	2618	57918 TALKEETNA	171080	CHRISTANSEN LAKE ROAD	0.5	0.6
2019	47	57919 WILLOW	137700	WILLOW FISHHOOK ROAD	3.5	3.6
2019	2393	57919 WILLOW	137700	WILLOW FISHHOOK ROAD	5.0	5.1
2019	2407	57919 WILLOW	137700	WILLOW FISHHOOK ROAD	13.3	13.4
2019	1116	57919 WILLOW	137700	WILLOW FISHHOOK ROAD	14.2	14.3
2019	1560	57919 WILLOW	137700	WILLOW FISHHOOK ROAD	15.5	15.6
2019	794	57919 WILLOW	137700	WILLOW FISHHOOK ROAD	17.3	17.4
2019	1633	57919 WILLOW	170000	PARKS HIGHWAY	19.0	19.1
2019	1775	57919 WILLOW	170000	PARKS HIGHWAY	20.1	20.2
2019	1557	57919 WILLOW	170000	PARKS HIGHWAY	20.6	20.7
2019	1823	57919 WILLOW	170000	PARKS HIGHWAY	24.0	24.1
2019	576	57919 WILLOW	170000	PARKS HIGHWAY	24.9	25.0
2019	1556	57919 WILLOW	170000	PARKS HIGHWAY	28.1	28.2
2019	518	57919 WILLOW	170000	PARKS HIGHWAY	28.7	28.8
2019	475	57919 WILLOW	170000	PARKS HIGHWAY	29.5	29.6
2019	1990	57919 WILLOW	170000	PARKS HIGHWAY	32.1	32.2
2019	734	57919 WILLOW	170000	PARKS HIGHWAY	35.8	35.9
2019	1143	57919 WILLOW	170000	PARKS HIGHWAY	41.9	42.0
2019	1434	57919 WILLOW	170000	PARKS HIGHWAY	43.5	43.6
2019	358	57919 WILLOW	170000	PARKS HIGHWAY	50.8	50.9
2019	2488	57919 WILLOW	170000	PARKS HIGHWAY	55.0	55.1
2019	2544	57919 WILLOW	170000	PARKS HIGHWAY	61.5	61.6
2019	1358	57919 WILLOW	170085	NANCY LAKE PARKWAY	4.4	4.5
2019	1784	57919 WILLOW	170085	NANCY LAKE PARKWAY	5.3	5.4
2019	2255	57919 WILLOW	170085	NANCY LAKE PARKWAY	6.1	6.2
2019	2088	57919 WILLOW	170085	NANCY LAKE PARKWAY	6.2	6.3
2019	2754	57919 WILLOW	170086	LONG LAKE ROAD	1.2	1.3
2019	867	57919 WILLOW	170086	LONG LAKE ROAD	2.5	2.6
2019	762	57919 WILLOW	170086	LONG LAKE ROAD	3.5	3.6
2019	2693	57919 WILLOW	170086	LONG LAKE ROAD	4.0	4.1
2019	2429	57919 WILLOW	170087	CRYSTAL LAKE ROAD	0.0	0.1
2019	2742	57919 WILLOW	170136	DESHKA LANDING ROAD	0.5	0.6
2019	2567	57919 WILLOW	170152	MISHAP AVENUE	0.5	0.6
2019	887	57924 ANIAK	092000	KALSKAG ROAD	0.1	0.2
2019	1313	57924 ANIAK	092000	KALSKAG ROAD	1.0	1.1
2019	1950	57924 ANIAK	092000	KALSKAG ROAD	2.7	2.8
2019	97	57925 BETHEL	080000	CHIEF EDDIE HOFFMAN HIGHWAY	1.0	1.1

2019	372	57925 BETHEL	080000	CHIEF EDDIE HOFFMAN HIGHWAY	1.4	1.5
2019	2403	57925 BETHEL	080000	CHIEF EDDIE HOFFMAN HIGHWAY	1.5	1.6
2019	2322	57925 BETHEL	080000	CHIEF EDDIE HOFFMAN HIGHWAY	1.7	1.8
2019	33	57925 BETHEL	080000	CHIEF EDDIE HOFFMAN HIGHWAY	2.5	2.6
2019	625	57925 BETHEL	080054	BIA ROAD	1.6	1.7
2019	2336	57927 DILLINGHAM	050000	ALEKNAGIK LAKE ROAD	6.2	6.3
2019	1491	57927 DILLINGHAM	050000	ALEKNAGIK LAKE ROAD	7.1	7.2
2019	1132	57927 DILLINGHAM	050000	ALEKNAGIK LAKE ROAD	7.2	7.3
2019	516	57927 DILLINGHAM	050000	ALEKNAGIK LAKE ROAD	9.2	9.3
2019	335	57927 DILLINGHAM	050000	ALEKNAGIK LAKE ROAD	10.5	10.6
2019	2747	57927 DILLINGHAM	050000	ALEKNAGIK LAKE ROAD	10.7	10.8
2019	2780	57927 DILLINGHAM	050000	ALEKNAGIK LAKE ROAD	11.0	11.1
2019	58	57927 DILLINGHAM	050000	ALEKNAGIK LAKE ROAD	12.1	12.2
2019	943	57927 DILLINGHAM	050000	ALEKNAGIK LAKE ROAD	12.9	13.0
2019	1236	57927 DILLINGHAM	050000	ALEKNAGIK LAKE ROAD	16.0	16.1
2019	2160	57927 DILLINGHAM	050000	ALEKNAGIK LAKE ROAD	16.4	16.5
2019	1218	57927 DILLINGHAM	050000	ALEKNAGIK LAKE ROAD	17.0	17.1
2019	1050	57927 DILLINGHAM	050029	SNAKE LAKE ROAD	4.0	4.1
2019	866	57927 DILLINGHAM	050029	SNAKE LAKE ROAD	5.2	5.3
2019	1743	57927 DILLINGHAM	050029	SNAKE LAKE ROAD	7.3	7.4
2019	1118	57927 DILLINGHAM	050040	MAIN STREET	0.2	0.3
2019	2526	57927 DILLINGHAM	050060	KANAKANAK ROAD	1.3	1.4
2019	530	57927 DILLINGHAM	050076	AIRPORT SPUR ROAD	0.1	0.2
2019	23	57927 DILLINGHAM	050090	WOOD RIVER ROAD	1.3	1.4
2019	779	57927 DILLINGHAM	050090	WOOD RIVER ROAD	2.0	2.1
2019	619	57927 DILLINGHAM	050090	WOOD RIVER ROAD	2.2	2.3
2019	1342	57928 ILIAMNA	073000	ILIAMNA VILLAGE ROAD	0.2	0.3
2019	1495	57928 ILIAMNA	073000	ILIAMNA VILLAGE ROAD	0.3	0.4
2019	2418	57928 ILIAMNA	073000	ILIAMNA VILLAGE ROAD	0.8	0.9
2019	1791	57928 ILIAMNA	073000	ILIAMNA VILLAGE ROAD	1.9	2.0
2019	4	57928 ILIAMNA	073002	ILIAMNA VILLAGE SPUR ROAD	0.3	0.4
2019	1130	57928 ILIAMNA	073019	ILIAMNA-NONDALTON/NEWHALEN RIV	0.1	0.2
2019	1578	57928 ILIAMNA	073019	ILIAMNA-NONDALTON/NEWHALEN RIV	0.9	1.0
2019	382	57928 ILIAMNA	073019	ILIAMNA-NONDALTON/NEWHALEN RIV	1.1	1.2
2019	2648	57928 ILIAMNA	073019	ILIAMNA-NONDALTON/NEWHALEN RIV	1.9	2.0
2019	2954	57928 ILIAMNA	073019	ILIAMNA-NONDALTON/NEWHALEN RIV	2.5	2.6
2019	541	57928 ILIAMNA	073019	ILIAMNA-NONDALTON/NEWHALEN RIV	2.7	2.8
2019	705	57928 ILIAMNA	073019	ILIAMNA-NONDALTON/NEWHALEN RIV	4.5	4.6
2019	1963	57928 ILIAMNA	073019	ILIAMNA-NONDALTON/NEWHALEN RIV	6.5	6.6
2019	1874	57928 ILIAMNA	073019	ILIAMNA-NONDALTON/NEWHALEN RIV	7.3	7.4
2019	782	57928 ILIAMNA	073019	ILIAMNA-NONDALTON/NEWHALEN RIV	11.1	11.2
2019	1379	57928 ILIAMNA	073019	ILIAMNA-NONDALTON/NEWHALEN RIV	13.3	13.4
2019	8	57928 ILIAMNA	073019	ILIAMNA-NONDALTON/NEWHALEN RIV	13.5	13.6
2019	1836	57928 ILIAMNA	073026	OLD NEWHALEN RIVER ROAD	1.0	1.1
2019	2475	57928 ILIAMNA	074000	WILLIAMSPORT-PILE BAY ROAD	0.0	0.1
2019	276	57928 ILIAMNA	074000	WILLIAMSPORT-PILE BAY ROAD	2.3	2.4
2019	2967	57928 ILIAMNA	074000	WILLIAMSPORT-PILE BAY ROAD	2.4	2.5
2019	1613	57928 ILIAMNA	074000	WILLIAMSPORT-PILE BAY ROAD	12.8	12.9
2019	2608	57928 ILIAMNA	074000	WILLIAMSPORT-PILE BAY ROAD	13.0	13.1
2019	2487	57929 KING SALMON	070000	NAKNEK/KING SALMON (AK PEN HWY	0.2	0.3
2019	699	57929 KING SALMON	070000	NAKNEK/KING SALMON (AK PEN HWY	0.4	0.5
2019	2198	57929 KING SALMON	070000	NAKNEK/KING SALMON (AK PEN HWY	0.9	1.0
2019	140	57929 KING SALMON	070000	NAKNEK/KING SALMON (AK PEN HWY	2.0	2.1
2019	2431	57929 KING SALMON	070000	NAKNEK/KING SALMON (AK PEN HWY	5.4	5.5
2019	751	57929 KING SALMON	070000	NAKNEK/KING SALMON (AK PEN HWY	5.9	6.0
2019	126	57929 KING SALMON	070000	NAKNEK/KING SALMON (AK PEN HWY	10.3	10.4
2019	724	57929 KING SALMON	070000	NAKNEK/KING SALMON (AK PEN HWY	11.5	11.6
2019	2899	57929 KING SALMON	070000	NAKNEK/KING SALMON (AK PEN HWY	13.1	13.2
2019	2115	57929 KING SALMON	070000	NAKNEK/KING SALMON (AK PEN HWY	14.7	14.8
2019	83	57929 KING SALMON	070001	EAST RAMP ROAD	0.5	0.6

2019	2022	57958 HAINES	298000	HAINES HIGHWAY	3.2	3.3
2019	488	57958 HAINES	298000	HAINES HIGHWAY	12.8	12.9
2019	738	57958 HAINES	298000	HAINES HIGHWAY	13.3	13.4
2019	2289	57958 HAINES	298000	HAINES HIGHWAY	13.4	13.5
2019	144	57958 HAINES	298000	HAINES HIGHWAY	14.8	14.9
2019	802	57958 HAINES	298000	HAINES HIGHWAY	15.7	15.8
2019	1069	57958 HAINES	298000	HAINES HIGHWAY	19.8	19.9
2019	2029	57958 HAINES	298000	HAINES HIGHWAY	20.1	20.2
2019	2062	57958 HAINES	298000	HAINES HIGHWAY	20.7	20.8
2019	1541	57958 HAINES	298000	HAINES HIGHWAY	20.8	20.9
2019	263	57958 HAINES	298000	HAINES HIGHWAY	22.0	22.1
2019	1638	57958 HAINES	298000	HAINES HIGHWAY	22.1	22.2
2019	2295	57958 HAINES	298000	HAINES HIGHWAY	25.4	25.5
2019	484	57958 HAINES	298000	HAINES HIGHWAY	27.6	27.7
2019	1203	57958 HAINES	298000	HAINES HIGHWAY	29.2	29.3
2019	1966	57958 HAINES	298000	HAINES HIGHWAY	33.7	33.8
2019	1071	57958 HAINES	298000	HAINES HIGHWAY	36.2	36.3
2019	557	57958 HAINES	298014	COMSTOCK ROAD	0.3	0.4
2019	130	57958 HAINES	298020	OLD HAINES HIGHWAY/BEACH ROAD	0.8	0.9
2019	323	57958 HAINES	298021	SMALL TRACTS ROAD	0.3	0.4
2019	2510	57958 HAINES	298022	MUD BAY ROAD	1.3	1.4
2019	160	57958 HAINES	298022	MUD BAY ROAD	1.4	1.5
2019	1065	57958 HAINES	298022	MUD BAY ROAD	2.9	3.0
2019	2778	57958 HAINES	298022	MUD BAY ROAD	3.5	3.6
2019	337	57958 HAINES	298022	MUD BAY ROAD	3.9	4.0
2019	2286	57958 HAINES	298022	MUD BAY ROAD	5.7	5.8
2019	2571	57958 HAINES	298025	SAWMILL ROAD	0.2	0.3
2019	2075	57958 HAINES	298058	MOSQUITO LAKE ROAD	1.8	1.9
2019	2650	57958 HAINES	298058	MOSQUITO LAKE ROAD	2.2	2.3
2019	2669	57958 HAINES	298066	KLUKWAN ROAD	0.0	0.1
2019	1023	57958 HAINES	298100	LUTAK ROAD	0.5	0.6
2019	2150	57958 HAINES	298100	LUTAK ROAD	4.2	4.3
2019	2977	57958 HAINES	298100	LUTAK ROAD	5.0	5.1
2019	1282	57958 HAINES	298150	HAINES HIGHWAY/LUTAK ROAD	2.2	2.3
2019	2530	57958 HAINES	298150	HAINES HIGHWAY/LUTAK ROAD	3.3	3.4
2019	704	57958 HAINES	298150	HAINES HIGHWAY/LUTAK ROAD	3.6	3.7
2019	683	57959 HOONAH	295210	FRONT STREET	0.4	0.5
2019	1776	57959 HOONAH	295211	GARTEENI HIGHWAY	0.5	0.6
2019	1419	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	1.2	1.3
2019	2126	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	6.3	6.4
2019	2866	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	8.0	8.1
2019	284	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	12.5	12.6
2019	1830	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	12.6	12.7
2019	2862	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	14.5	14.6
2019	2066	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	14.6	14.7
2019	2156	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	15.4	15.5
2019	1406	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	17.2	17.3
2019	2137	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	17.4	17.5
2019	397	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	22.4	22.5
2019	700	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	24.4	24.5
2019	2743	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	27.8	27.9
2019	2894	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	29.3	29.4
2019	2765	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	29.4	29.5
2019	2513	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	33.0	33.1
2019	891	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	33.6	33.7
2019	646	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	34.0	34.1
2019	216	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	34.8	34.9
2019	2147	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	37.1	37.2
2019	256	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	37.3	37.4
2019	2528	57961 JUNEAU	296000	EGAN DRIVE/GLACIER HIGHWAY	38.6	38.7

2019	2835	57961 JUNEAU	296000SB EGAN DRIVE/GLACIER HIGHWAY SB	6.6	6.7
2019	864	57961 JUNEAU	296000SB EGAN DRIVE/GLACIER HIGHWAY SB	6.7	6.8
2019	52	57961 JUNEAU	296011 THANE ROAD	0.0	0.1
2019	2069	57961 JUNEAU	296011 THANE ROAD	0.6	0.7
2019	1980	57961 JUNEAU	296011 THANE ROAD	0.7	0.8
2019	2677	57961 JUNEAU	296011 THANE ROAD	0.8	0.9
2019	2034	57961 JUNEAU	296013 CHANNEL VISTA DRIVE	0.0	0.1
2019	647	57961 JUNEAU	296013 CHANNEL VISTA DRIVE	0.4	0.5
2019	1187	57961 JUNEAU	296016 GLACIER HIGHWAY/WILLOUGHBY AVE	0.2	0.3
2019	2596	57961 JUNEAU	296016 GLACIER HIGHWAY/WILLOUGHBY AVE	0.7	0.8
2019	1137	57961 JUNEAU	296016 GLACIER HIGHWAY/WILLOUGHBY AVE	0.8	0.9
2019	2129	57961 JUNEAU	296150 NORTH DOUGLAS HIGHWAY	0.5	0.6
2019	1610	57961 JUNEAU	296150 NORTH DOUGLAS HIGHWAY	2.6	2.7
2019	2800	57961 JUNEAU	296150 NORTH DOUGLAS HIGHWAY	3.2	3.3
2019	1749	57961 JUNEAU	296150 NORTH DOUGLAS HIGHWAY	10.6	10.7
2019	2983	57961 JUNEAU	296150 NORTH DOUGLAS HIGHWAY	10.7	10.8
2019	1064	57961 JUNEAU	296150 NORTH DOUGLAS HIGHWAY	11.2	11.3
2019	2107	57961 JUNEAU	296150 NORTH DOUGLAS HIGHWAY	11.3	11.4
2019	2309	57961 JUNEAU	296150 NORTH DOUGLAS HIGHWAY	11.6	11.7
2019	1354	57961 JUNEAU	296154 FISH CREEK ROAD/EAGLECREST ROA	0.1	0.2
2019	55	57961 JUNEAU	296154 FISH CREEK ROAD/EAGLECREST ROA	0.3	0.4
2019	608	57961 JUNEAU	296154 FISH CREEK ROAD/EAGLECREST ROA	0.7	0.8
2019	1666	57961 JUNEAU	296154 FISH CREEK ROAD/EAGLECREST ROA	1.4	1.5
2019	2808	57961 JUNEAU	296154 FISH CREEK ROAD/EAGLECREST ROA	2.3	2.4
2019	2713	57961 JUNEAU	296154 FISH CREEK ROAD/EAGLECREST ROA	2.8	2.9
2019	405	57961 JUNEAU	296154 FISH CREEK ROAD/EAGLECREST ROA	4.0	4.1
2019	994	57961 JUNEAU	296154 FISH CREEK ROAD/EAGLECREST ROA	4.4	4.5
2019	617	57961 JUNEAU	296154 FISH CREEK ROAD/EAGLECREST ROA	4.6	4.7
2019	2184	57961 JUNEAU	296157 9 MILE CREEK ROAD	0.3	0.4
2019	409	57961 JUNEAU	296217 CHANNEL DRIVE	0.4	0.5
2019	1043	57961 JUNEAU	296222 GLACIER HIGHWAY/TWIN LAKES DRI	0.9	1.0
2019	2095	57961 JUNEAU	296332 GLACIER HIGHWAY NORTH	0.3	0.4
2019	2749	57961 JUNEAU	296401 BACK LOOP ROAD	1.2	1.3
2019	1243	57961 JUNEAU	296401 BACK LOOP ROAD	1.8	1.9
2019	1748	57961 JUNEAU	296401 BACK LOOP ROAD	2.7	2.8
2019	2685	57961 JUNEAU	296401 BACK LOOP ROAD	2.8	2.9
2019	2174	57961 JUNEAU	296650 MENDENHALL PENINSULA ROAD	1.0	1.1
2019	1640	57962 KETCHIKAN	291298 POND REEF LOOP	0.1	0.2
2019	316	57962 KETCHIKAN	291345 ROOSEVELT ROAD	1.3	1.4
2019	1916	57962 KETCHIKAN	291400 SOUTH TONGASS	5.4	5.5
2019	2474	57962 KETCHIKAN	291400 SOUTH TONGASS	7.0	7.1
2019	1383	57962 KETCHIKAN	291400 SOUTH TONGASS	8.3	8.4
2019	379	57962 KETCHIKAN	291400 SOUTH TONGASS	11.1	11.2
2019	2367	57962 KETCHIKAN	291400 SOUTH TONGASS	13.4	13.5
2019	2661	57962 KETCHIKAN	291500 NORTH TONGASS	1.6	1.7
2019	2634	57962 KETCHIKAN	291500 NORTH TONGASS	2.2	2.3
2019	648	57962 KETCHIKAN	291500 NORTH TONGASS	4.1	4.2
2019	1702	57962 KETCHIKAN	291500 NORTH TONGASS	5.7	5.8
2019	440	57962 KETCHIKAN	291500 NORTH TONGASS	7.1	7.2
2019	320	57962 KETCHIKAN	291500 NORTH TONGASS	7.4	7.5
2019	2688	57962 KETCHIKAN	291500 NORTH TONGASS	7.7	7.8
2019	186	57962 KETCHIKAN	291500 NORTH TONGASS	8.5	8.6
2019	2159	57962 KETCHIKAN	291500 NORTH TONGASS	10.2	10.3
2019	2556	57962 KETCHIKAN	291500 NORTH TONGASS	11.5	11.6
2019	17	57962 KETCHIKAN	291500 NORTH TONGASS	11.8	11.9
2019	1467	57962 KETCHIKAN	291510 SHORELINE DRIVE	0.6	0.7
2019	686	57962 KETCHIKAN	291530 SUNSET DRIVE	0.6	0.7
2019	2735	57962 KETCHIKAN	291553 REVILLA ROAD	3.4	3.5
2019	2425	57962 KETCHIKAN	291553 REVILLA ROAD	4.4	4.5
2019	2945	57962 KETCHIKAN	291554 SOUTH POINT HIGGINS ROAD	1.2	1.3

2019	2858	57962 KETCHIKAN	291556	CRANBERRY ROAD	0.1	0.2
2019	2359	57963 KLAWOOCK/CRAIG	292000	CRAIG/KLAWOOCK/HOLLIS HIGHWAY	1.0	1.1
2019	2910	57963 KLAWOOCK/CRAIG	292000	CRAIG/KLAWOOCK/HOLLIS HIGHWAY	4.2	4.3
2019	846	57963 KLAWOOCK/CRAIG	292000	CRAIG/KLAWOOCK/HOLLIS HIGHWAY	4.9	5.0
2019	2853	57963 KLAWOOCK/CRAIG	292000	CRAIG/KLAWOOCK/HOLLIS HIGHWAY	5.3	5.4
2019	600	57963 KLAWOOCK/CRAIG	292000	CRAIG/KLAWOOCK/HOLLIS HIGHWAY	8.3	8.4
2019	981	57963 KLAWOOCK/CRAIG	292000	CRAIG/KLAWOOCK/HOLLIS HIGHWAY	9.2	9.3
2019	2283	57963 KLAWOOCK/CRAIG	292000	CRAIG/KLAWOOCK/HOLLIS HIGHWAY	9.9	10.0
2019	1058	57963 KLAWOOCK/CRAIG	292000	CRAIG/KLAWOOCK/HOLLIS HIGHWAY	14.0	14.1
2019	2250	57963 KLAWOOCK/CRAIG	292000	CRAIG/KLAWOOCK/HOLLIS HIGHWAY	15.2	15.3
2019	2656	57963 KLAWOOCK/CRAIG	292000	CRAIG/KLAWOOCK/HOLLIS HIGHWAY	15.9	16.0
2019	1929	57963 KLAWOOCK/CRAIG	292000	CRAIG/KLAWOOCK/HOLLIS HIGHWAY	17.4	17.5
2019	2498	57963 KLAWOOCK/CRAIG	292000	CRAIG/KLAWOOCK/HOLLIS HIGHWAY	20.0	20.1
2019	711	57963 KLAWOOCK/CRAIG	292000	CRAIG/KLAWOOCK/HOLLIS HIGHWAY	30.0	30.1
2019	637	57963 KLAWOOCK/CRAIG	292025	BIG SALT LAKE ROAD	0.8	0.9
2019	2576	57963 KLAWOOCK/CRAIG	292025	BIG SALT LAKE ROAD	0.9	1.0
2019	2343	57963 KLAWOOCK/CRAIG	292025	BIG SALT LAKE ROAD	3.0	3.1
2019	732	57963 KLAWOOCK/CRAIG	292025	BIG SALT LAKE ROAD	7.2	7.3
2019	817	57963 KLAWOOCK/CRAIG	292025	BIG SALT LAKE ROAD	13.1	13.2
2019	1149	57963 KLAWOOCK/CRAIG	292026	AIRPORT ROAD	0.2	0.3
2019	294	57963 KLAWOOCK/CRAIG	292030	THORNE BAY ROAD	0.9	1.0
2019	2111	57963 KLAWOOCK/CRAIG	292030	THORNE BAY ROAD	1.5	1.6
2019	2918	57963 KLAWOOCK/CRAIG	292030	THORNE BAY ROAD	2.2	2.3
2019	1488	57963 KLAWOOCK/CRAIG	292030	THORNE BAY ROAD	4.2	4.3
2019	11	57963 KLAWOOCK/CRAIG	292030	THORNE BAY ROAD	4.9	5.0
2019	429	57963 KLAWOOCK/CRAIG	292030	THORNE BAY ROAD	6.2	6.3
2019	2647	57963 KLAWOOCK/CRAIG	292030	THORNE BAY ROAD	6.6	6.7
2019	2946	57963 KLAWOOCK/CRAIG	292030	THORNE BAY ROAD	8.1	8.2
2019	1452	57963 KLAWOOCK/CRAIG	292030	THORNE BAY ROAD	8.7	8.8
2019	911	57963 KLAWOOCK/CRAIG	292030	THORNE BAY ROAD	10.1	10.2
2019	2953	57963 KLAWOOCK/CRAIG	292030	THORNE BAY ROAD	14.8	14.9
2019	1766	57963 KLAWOOCK/CRAIG	292030	THORNE BAY ROAD	15.8	15.9
2019	749	57963 KLAWOOCK/CRAIG	292030	THORNE BAY ROAD	16.7	16.8
2019	2609	57963 KLAWOOCK/CRAIG	292040	NORTH PRINCE OF WALES ROAD	0.5	0.6
2019	212	57963 KLAWOOCK/CRAIG	292040	NORTH PRINCE OF WALES ROAD	2.0	2.1
2019	2667	57963 KLAWOOCK/CRAIG	292040	NORTH PRINCE OF WALES ROAD	2.8	2.9
2019	931	57963 KLAWOOCK/CRAIG	292040	NORTH PRINCE OF WALES ROAD	5.9	6.0
2019	1965	57963 KLAWOOCK/CRAIG	292040	NORTH PRINCE OF WALES ROAD	9.3	9.4
2019	2142	57963 KLAWOOCK/CRAIG	292040	NORTH PRINCE OF WALES ROAD	11.9	12.0
2019	127	57963 KLAWOOCK/CRAIG	292070	COFFMAN COVE ROAD	1.1	1.2
2019	1856	57963 KLAWOOCK/CRAIG	292070	COFFMAN COVE ROAD	1.5	1.6
2019	368	57963 KLAWOOCK/CRAIG	292070	COFFMAN COVE ROAD	1.9	2.0
2019	877	57963 KLAWOOCK/CRAIG	292070	COFFMAN COVE ROAD	10.8	10.9
2019	2820	57963 KLAWOOCK/CRAIG	292070	COFFMAN COVE ROAD	13.4	13.5
2019	474	57963 KLAWOOCK/CRAIG	292070	COFFMAN COVE ROAD	13.5	13.6
2019	2704	57963 KLAWOOCK/CRAIG	292070	COFFMAN COVE ROAD	14.0	14.1
2019	1689	57963 KLAWOOCK/CRAIG	292070	COFFMAN COVE ROAD	15.0	15.1
2019	1734	57963 KLAWOOCK/CRAIG	292070	COFFMAN COVE ROAD	18.1	18.2
2019	1668	57963 KLAWOOCK/CRAIG	292100	HYDABURG HIGHWAY	4.1	4.2
2019	2662	57963 KLAWOOCK/CRAIG	292100	HYDABURG HIGHWAY	7.1	7.2
2019	1542	57963 KLAWOOCK/CRAIG	292100	HYDABURG HIGHWAY	7.2	7.3
2019	722	57963 KLAWOOCK/CRAIG	292100	HYDABURG HIGHWAY	10.1	10.2
2019	69	57963 KLAWOOCK/CRAIG	292100	HYDABURG HIGHWAY	12.7	12.8
2019	2760	57963 KLAWOOCK/CRAIG	292100	HYDABURG HIGHWAY	16.8	16.9
2019	1525	57963 KLAWOOCK/CRAIG	292100	HYDABURG HIGHWAY	17.0	17.1
2019	1761	57963 KLAWOOCK/CRAIG	292100	HYDABURG HIGHWAY	17.6	17.7
2019	1463	57963 KLAWOOCK/CRAIG	292100	HYDABURG HIGHWAY	18.3	18.4
2019	1572	57964 PETERSBURG	294000	MITKOF HIGHWAY	0.2	0.3
2019	1600	57964 PETERSBURG	294000	MITKOF HIGHWAY	5.9	6.0
2019	2207	57964 PETERSBURG	294000	MITKOF HIGHWAY	14.4	14.5

2019	271	57964 PETERSBURG	294000	MITKOF HIGHWAY	16.9	17.0
2019	2553	57964 PETERSBURG	294000	MITKOF HIGHWAY	24.3	24.4
2019	854	57964 PETERSBURG	294000	MITKOF HIGHWAY	25.9	26.0
2019	1770	57964 PETERSBURG	294000	MITKOF HIGHWAY	28.6	28.7
2019	979	57964 PETERSBURG	294000	MITKOF HIGHWAY	28.8	28.9
2019	1346	57964 PETERSBURG	294000	MITKOF HIGHWAY	29.4	29.5
2019	902	57964 PETERSBURG	294048	PAPKES LANDING ROAD	0.0	0.1
2019	89	57965 SITKA	295400	HALIBUT POINT ROAD	2.6	2.7
2019	466	57965 SITKA	295400	HALIBUT POINT ROAD	2.7	2.8
2019	1838	57965 SITKA	295400	HALIBUT POINT ROAD	4.4	4.5
2019	2822	57965 SITKA	295400	HALIBUT POINT ROAD	6.7	6.8
2019	1131	57965 SITKA	295400	HALIBUT POINT ROAD	6.8	6.9
2019	2285	57965 SITKA	295500	SAWMILL CREEK ROAD	1.4	1.5
2019	1777	57965 SITKA	295500	SAWMILL CREEK ROAD	1.9	2.0
2019	552	57965 SITKA	295500	SAWMILL CREEK ROAD	2.0	2.1
2019	1169	57965 SITKA	295500	SAWMILL CREEK ROAD	2.3	2.4
2019	260	57965 SITKA	295500	SAWMILL CREEK ROAD	3.4	3.5
2019	1210	57965 SITKA	295500	SAWMILL CREEK ROAD	3.8	3.9
2019	1519	57965 SITKA	295500	SAWMILL CREEK ROAD	4.0	4.1
2019	2232	57966 SKAGWAY	299500	KLONDIKE HIGHWAY	2.3	2.4
2019	750	57966 SKAGWAY	299500	KLONDIKE HIGHWAY	2.5	2.6
2019	61	57966 SKAGWAY	299500	KLONDIKE HIGHWAY	4.8	4.9
2019	1281	57966 SKAGWAY	299500	KLONDIKE HIGHWAY	9.8	9.9
2019	2146	57966 SKAGWAY	299500	KLONDIKE HIGHWAY	13.0	13.1
2019	274	57966 SKAGWAY	299520	SKAGWAY-DYEA ROAD	0.9	1.0
2019	1445	57966 SKAGWAY	299520	SKAGWAY-DYEA ROAD	2.7	2.8
2019	2358	57966 SKAGWAY	299520	SKAGWAY-DYEA ROAD	5.6	5.7
2019	2480	57967 WRANGELL	293300	ZIMOVIA HIGHWAY	6.2	6.3
2019	246	57967 WRANGELL	293300	ZIMOVIA HIGHWAY	6.5	6.6
2019	1994	57967 WRANGELL	293300	ZIMOVIA HIGHWAY	7.1	7.2
2019	1896	57967 WRANGELL	293300	ZIMOVIA HIGHWAY	9.8	9.9
2019	1228	57967 WRANGELL	293300	ZIMOVIA HIGHWAY	11.9	12.0
2019	1442	57967 WRANGELL	293300	ZIMOVIA HIGHWAY	12.3	12.4
2019	2110	57967 WRANGELL	293300	ZIMOVIA HIGHWAY	12.9	13.0
2019	2613	57967 WRANGELL	293300	ZIMOVIA HIGHWAY	13.2	13.3
2019	538	57967 WRANGELL	293311	SPEAR ROAD	0.9	1.0
2019	2318	57967 WRANGELL	293311	SPEAR ROAD	1.3	1.4
2019	2004	57968 YAKUTAT	297000	AIRPORT ROAD	1.4	1.5
2019	2622	57968 YAKUTAT	297000	AIRPORT ROAD	1.9	2.0
2019	1052	57968 YAKUTAT	297005	LOST RIVER ROAD	0.4	0.5
2019	735	57968 YAKUTAT	297005	LOST RIVER ROAD	3.1	3.2
2019	2855	57968 YAKUTAT	297005	LOST RIVER ROAD	5.4	5.5
2019	2180	57968 YAKUTAT	297005	LOST RIVER ROAD	8.2	8.3
2019	2864	57968 YAKUTAT	297006	COLORADO ROAD	0.3	0.4
2019	2629	57968 YAKUTAT	297018	MALLOTT AVENUE	0.1	0.2
2019	2751	57968 YAKUTAT	297018	MALLOTT AVENUE	1.3	1.4
2019	2915	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	3.1	3.2
2019	1428	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	3.2	3.3
2019	2037	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	6.3	6.4
2019	1038	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	9.9	10.0
2019	1125	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	11.7	11.8
2019	1764	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	12.2	12.3
2019	986	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	15.9	16.0
2019	2980	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	16.0	16.1
2019	1077	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	16.8	16.9
2019	2133	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	19.8	19.9
2019	2931	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	23.0	23.1
2019	1835	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	23.8	23.9
2019	94	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	27.5	27.6
2019	919	57968 YAKUTAT	297050	DANGEROUS RIVER ROAD	27.6	27.7

2019

1873

57968 YAKUTAT

297050

DANGEROUS RIVER ROAD

27.8

27.9

Quality Assurance Program



Field Data Collection & Entry Manual

Maintenance and Operations Division

March 2018

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1 INTRODUCTION

The purpose of the Quality Assurance Program is to enhance asset management and fulfill the DOT&PF mission. Our mission is to “*Keep Alaska moving through service and infrastructure*”. This mission can only be fulfilled through proactive transportation asset management.

An important part of the department’s proactive asset management is the Quality Assurance Program with annual field condition inspections conducted all across the highway system. The inspections assess the level of service DOT&PF staff provides to the highway system users through regular preventive maintenance and construction activities. The purpose of this manual is to document the procedures for consistent data collection on road and roadside features and the elements of accurate data entry in the QA module.

Beginning with the QA Pilot Program in the spring of 2005, the number of QA segments inspected statewide was 125. During the pilot program DOT collected the data with existing staff. In 2006 the number of segments surveyed was increased to 500 and a contractor was hired to perform data collection. In 2010 the department increased the number of inspected segments to 1,000 in an effort to provide a data set that is statistically more reliable and representative of the data population.

Using the random selection method the higher the number of total segments inspected, the higher the confidence level is for the inventory results. It appears that inspecting 1,000 segments, even though this places a burden on the DOT staff, has decreased the volatility between comparison years. The payback for the time and money invested to inspect 1,000 segments may be at least near the crossing point for a desirable cost to benefit comparison. During the 2017 - 2018 inspection season a total of 1,500 segments were collected which came closer to the cost to benefit break point. For the 2018 - 2019 inspection season the department increased the inspections to 3,000 segments or about 5% of the system highways which in other states have proven to provide a better cost to benefit results for the investment.

In states where the entire highway system is inter-connected, the number of segments which are to be inspected is easily adjusted without dramatically increasing the cost. However in Alaska, the cost does dramatically increase for data collection because of the number of roads at rural communities accessible only by air and/or ferry.

The bridges are excluded from the QA inspection process and is accomplished separately by the bridge inspectors from Design and Engineering Services. Bridge data is collected and stored in the Bridge Management system (BrM 5.2.3) by Bridge Engineering. Bridge deficiencies are shared with M&O to allow maintenance crews to address and correct deficiencies in a timely manner.

Pavement Management evaluations are performed by a DOT Pavement Engineer and the capture of the International Roughness Index (IRI), Rutting, Potholes, Cracking and Alligator Cracking is performed by contract. The resulting data are imported into the QA module and the module provides ratings for each on the QA report card (see Attachment 2).

The Quality Assurance Program Manual is maintained by the DOT&PF Commissioner's Office. If you have questions please contact the Commissioner's Office at (907) 465-3900.

2 Maintenance Management System Annual Preparation

Each year the Quality Assurance (QA) module randomly selects the one-tenth mile (528') inventory segments. There are several procedures which must be performed before and after the random selection is made.

Before

- The MMS must be, at minimum, setup for the next fiscal year.
 - Entering the Fiscal Year, Pay Periods and Holiday table data.
 - Exclude the road segments which are not representative of the rest of the highway system or are scheduled for construction or are found to be on a bridge deck so they do not appear in the inventory list.
 - Exclude an additional five-tenths of a mile (1/2 mile) either side of a construction zone to prevent inspection segment from falling in the traffic control (flagger) zone for the construction.

After

- Once the QA module randomly selects the inventory list, evaluate the system chosen roads to assure there are no data anomalies.
 - Typically the contractor will inspect all of the segments, however during budget constraint years the extremely remote segments may at the department's discretion be inspected by DOT staff to control the contract cost.
 - The QA Project Manager will negotiate with the QA contractor at contract amendment to determine who will inspect which segments.

Note: The fiscal year setup is the State fiscal year which begins July 1st of each year and ends June 30th of the following year. This allows the State to have Legislative Authority approved and funding in place in order to obligate Federal Highway Administration grant funding.

3 QA Data Collection Procedures

The Department's Maintenance Management System (MMS) Quality Assurance (QA) module identifies approximately 3,000 randomly selected data survey segments from the approximately 5,820 centerline miles of state highway inventory. The Trimble GPS Tablets with the Collector App provided by the department are used to inspect and record the tenth-mile segments (528 feet). A QA inspection contractor (hereafter QA contractor) will inspect and collect all the segments identified in the contract unless otherwise instructed by DOT&PF QA Project Manager.

Each DOT region will have at least one dedicated QA inventory team with two persons per team. Each region will also identify two alternate inspectors to fill in if one or both regular members are unavailable. These teams are region wide teams, under regional direction rather than under the direction of a District or Station.

SAFETY FIRST

Prior to conducting inspections, review this Pre-activity Safety Plan for QA/QC inspections.

- Inspect the vehicle lights, flashers and rotating beacons before beginning operations each day.
- Ensure that all appropriate personal protective equipment and traffic control devices are available and used.
- Always wear required safety equipment, reflective vest, safety glasses, etc.
- Wear proper clothing and footwear for the conditions.
- Do not attempt to conduct inspections in metropolitan areas during rush hour traffic.
- Activate the rotating beacon, flashing lights on vehicle, survey signs, place cones for safety and use appropriate traffic control measures where necessary.
- Determine what the individual segment may require for safety devices before beginning each inspection.
- When performing data collection always try to walk facing traffic and have the second inspector on the team serve as a spotter.
- On divided highways and highways with heavy traffic it may be necessary to evaluate centerline striping from the shoulder of the road as accurately as possible without entering the traffic lane.

Remember, none of the data you are collecting is worth your life or that of another team member, safety is first and foremost.

Conducting the Inventory

The following guidelines are intended to aid the field personnel with locating the QA inventory segment.

- Using the Trimble Kenai GPS tablet to locate on the moving map the inspection segment.
- Mark the begin and end points with paint across the fog line at the edge of the shoulder or place a pin flag when necessary so that the segment can be located again for Quality Control (data entry instructions are found in Section 4 QA Inventory Process..
- If you plan to use it, check the tire pressure and calibrate the DMI at the beginning of each day and any time the ambient air temperature changes more than 20 degrees or the drive distance between inspection segments is more than 100 miles.
- The vehicle odometer may be used in locations where the Satellite signals are not available and the vehicle does not have a DMI.
- Segments are always in the increasing direction from the starting mile point. For example: If segment location is 43.2 of the Parks Highway the inspection segment is from mile point 43.2 to 43.3.
- If any portion of the segment falls on a bridge structure the segment is to be moved forward or backward to avoid including the bridge structure or surface.
- If any portion of the segment falls in a construction zones or closed section of highway, relocate the segment outside of the construction zone/closed section, but as close to the original segment as possible, using a full tenth-mile road segment.

- Indicate the segment as an alternate segment in the Collector App or inventory form and place drop pins for begin and end indicating the new segment location.
- Label the drop pins with the segment ID number.
- Do not assign the alternate segment location to a different, nearby highway unless absolutely necessary.
- If it is necessary to select a different road for an alternate segment the road selected should be similar to the original segment and the inspector should enter the road name of the new location in the comments.
- Segments located in areas that are not the maintenance responsibility of Alaska DOT shall not be evaluated and reassigned as an alternate segment, appropriately.
- Should a segment or a portion thereof fall on a city maintained road, move the inspection segment so the inspection is on a state maintained road in its entirety.
- Measure the tenth-mile length for highway on and off ramps starting from where the center of the ramp lane would intersect the Fog Line of the highway (as if the fog line were continuous).
- Conduct field measurements and observations at the segment and record the data.

4 QA Inventory Process

The following highway features are at the heart of the MMS QA Assessment/Inventory process. The recorded results of the segment inspections are used by the QA module to evaluate the level of service currently being provided to the traveling public and commercial vehicle operations. The QA assessment contains two broad categories: Road Surface ratings and Road Side ratings. As each of these features are inspected the results are entered onto the ESRI ArcGIS Collector App (see Attachment 1 Screen Shots) and then loaded to the QA module which extrapolates the probable feature condition statewide and identifies an overall level of service. This level of service is presented in a Report Card rating the current level of service for each feature, in scores labeled from A to F (see Attachment 2 Report Card).

Pavement surface deficiencies for Cracking, Alligator Cracking, International Roughness Index and Pavement Rutting are imported from the Pavement Management System. The surface Pavement Markings, Pavement Striping, Driving Surface Width, Shoulder Widths and Bike Path/Lane Widths are collected by the QA inspection team.

Mark the survey segment with a painted strip across the fog line (color choice determined each year at the annual training meeting) for the beginning and end of the segment. For gravel roads or where paint cannot be used a survey pin flags or survey stakes are used. A Quality Control Teams (QC) will visit and re-evaluate 5% of the segments inspected by the QA Contractor Teams each year.

QA Inventory Using the ESRI ArcGIS Collector App

The inspection/inventory form header information in Collector is self-explanatory, with the following exceptions.

- When using the ESRI ArcGIS Collector App the begin mile point for the segment is indicated with a red dot on the State centerline, the end mile point is indicated with a blue dot on the centerline.
- The inspection form is accessed by clicking on or tapping the begin mile point and selecting edit.
- Select the name of the inspection Team.
- If an alternate site is necessary, place a “Y” in the ALT_SITE_FLAG field. The Collector App allows you to place a Dropped Pin to mark the beginning and end for alternate inspections segments. Place the Dropped Pins by pressing and holding the desired location on the road centerline. When a Plus Sign (+) appears release and the Dropped Pin will appear and open a dialog window. Click on the three dots in the bottom right of the dialog window, select Add to My Places and the name field window will appear. Enter the original Site number for the alternate segment and BEG for begin location. Repeat this procedure and enter the Site number END for the other Dropped Pin. Enter a comment in the Comment field with the original Site/Segment ID and indicate why an alternate segment was chosen.
- After you enter the inspection data and submit the inspection the begin mile point dot will turn green indicating the segment has been inspected.
- If the segment is inspected as a QC segment enter a “Y” in the field. Note: The QC entry is made only if the results are different from the QA inspection.
- Detailed instructions on use of the Kenai and the Collector App are provided each year at the annual QA Training and Kickoff meeting.

Always carry blank paper inspection forms in case you experience computer failure.

Segment Pictures

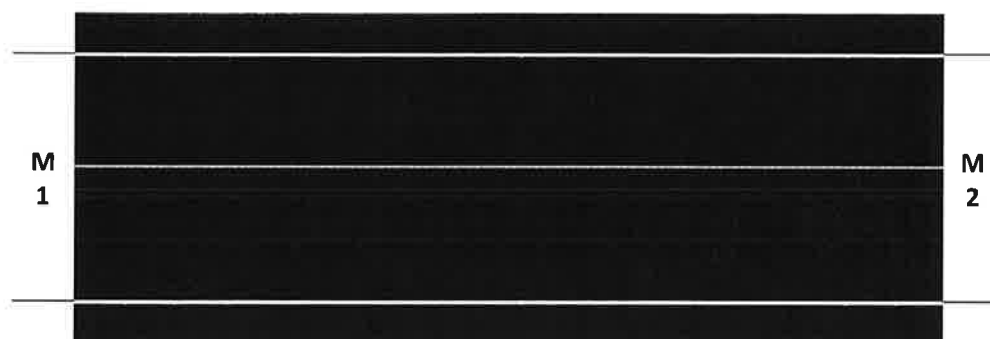
The Collector App allows you to attach photos to the begin mile point marker for the segment which is red until you enter an inspection date and then it will turn green on Submit. The three mandatory photos are one up-station from the begin inspection point (the red begin mile point marker), one from the end point looking down-station (the blue end point marker) and a photo of the vegetation with a scale reference like a survey state or a measuring wheel for height. The up-station photo should be taken first. There is no mandatory sequence for the rest of the photos, however they should be taken as encountered while moving up-station. Additional photos are taken of plugged culverts and other anomalies as necessary. Using this method the down-station photo would normally be the last one taken.

Photo labeling is not necessary since they are all attached to the begin inspection point.

5 Paved Road

Paved Driving Surface Measurement

The paved roadway driving surface (from inner edge of fog line to inner edge of fog line) at both of the segment end points are measured, then the average surface width in feet is calculated by adding both together and dividing by 2 for the segment, and the result is entered in this field.

Average Driving Surface Width

$$\frac{M1 + M2}{2} = \text{Average}$$

Paved Shoulder Measurement

The average paved shoulder width, which is the sum of widths measured at both ends and rounded to the nearest whole foot and divided by 2, with the right and left shoulder added together is entered in the field. Paved turnouts, bike paths/lanes and sidewalks are counted as part of the shoulder widths with the same formula as above applied. Do not enter gravel shoulders widths for a paved road.

Average Shoulder Width

M	Bike Path	M
5	Shoulder	6
M	Shoulder	M
1		2
M	Bike Path	M
4		3

$$\frac{M1 + M2 + M3 + M4 + M5 + M6}{6} = \text{Average}$$

6 Gravel Road

Gravel Driving Surface

The average roadway driving surface width, from “apparent” shoulder to “apparent” shoulder, in whole feet for the segment is entered in this field. The “apparent” shoulder is identified by sighting up and down the road segment to see where the edge of commonly used driving lane is, by observing tire tracks, the shoulder break from road grading, etc. The standard gravel road driving surface is considered to be 24 feet wide.

Gravel Surface Material

The amount and type of gravel along with the presence of a crowned centerline determines whether the road surface is acceptable or requires maintenance activities to restore it to the as-built condition. Normally, a gravel road will have 6” of crown, or fall, from its center line to the driving surface edge (a typical driving lane is 12’ wide with a total driving surface width of 24’). For gravel roads with heavy traffic like the Dalton Highway crown gravel thickness should be eight (8”) For gravel roads with wide shoulders and/or turnouts, the same fall rate should continue to the ditches.

The road surface should be comprised of at least six (6”) inch of $\frac{3}{4}$ minus (crushed gravel surfacing) at the crown and one (1”) inch at the shoulder. For gravel roads with heavy commercial truck traffic like the Dalton Highway, eight (8”) inches of compacted $\frac{3}{4}$ minus is recommended at the crown and a minimum of 2” at the shoulder. The road should be graded relatively smooth, with a crown at centerline to facilitate proper drainage that prevents ponding of water on the road surface. If the segment is not gravel an N/A is placed in the field or the letter identifying the rating for gravel roads as E (Excellent), G (Good), F (Fair), P (Poor) or U (Unsatisfactory) using the following criteria:

1. Does the gravel road segment have a crown to provide proper drainage to both sides of the road?
2. Is there a berms at the shoulders which will trap water on the road?
3. Does the gravel road segment have at least six inch (6”) of compacted $\frac{3}{4}$ minus surface gravel at the crown?
4. Does the gravel road segment have at least one inch (1”) of compacted $\frac{3}{4}$ minus surface gravel at the shoulder?
5. Is the gravel road segment surface free of wash boarding and/or potholes?
6. Is the gravel road surface free of obvious subsurface failures in the form of soft spots or sink holes?

If the gravel road has these deficiencies or fails to meet these minimum criteria it is considered to have a U (Unsatisfactory) rating and has failed the inspection (many rural roads do fail). The following example pictures will help you decide how to rate the gravel road.

E (Excellent) Gravel Road Example

This example has a crown, sufficient compacted surface material (6" typical to 8" on the Dalton Highway) at the crown and (1" typical to 2" on the Dalton Highway) on the shoulders, does not have any rutting, potholes, wash boarding, soft spots or sinkholes and no obstruction to water draining from the shoulders.

G (Good) Gravel Road Example

This example has a crown, sufficient surface material (6" typical to 8" on the Dalton Highway) at the crown and (1" typical to 2" on the Dalton Highway) on the shoulders and only has a few small rutting. The surface is free of potholes, wash boarding, soft spots or sinkholes and has no obstruction to water draining from the shoulders. However, the surface material is loose on the driving surface and shoulders, it contains too many fines producing dust and requires frequent watering.

F (Fair) Gravel Road Example

This example has a crown, sufficient compacted surface material at the shoulders but not on the crown. There are no soft spots or sinkholes and the water will drain from the shoulders, however there is some wash boarding and potholes. This road would need to be graded, gravel recovered from the ditches, the crown reshaped and the road re-compacted.

P (Poor) Gravel Road Example

This example does not have the required $\frac{3}{4}$ minus surface material or a crown, there are ruts, potholes and visible soft spots. The water does appear to drain off the shoulders. Even in this poor condition the road is still passable in a small passenger vehicle. This road will need to be resurfaced, ditches reestablished and vegetation cleared.

U (Unsatisfactory) Gravel Road Example

This example has all the problems previously identified to be unsatisfactory. There is no $\frac{3}{4}$ minus surface material or crown, the embankment on the left and berm on the right side will hold water on the road. The depth of the ruts and soft spots would be difficult, if not impossible, for a small passenger vehicle to negotiate. This road will need to be rebuilt, ditches established, culverts installed and vegetation cleared.

Gravel Shoulder

For paved roads do not enter gravel shoulders in the Collector App or the QA module for shoulder width. The average shoulder surface width, for both shoulders in whole feet, is entered in this field. Each side's shoulder width is the distance from the edge of the apparent driving surface to the shoulder break or fore slope of the ditch. Gravel bike paths are counted as a part of the shoulder width, even when separated from the shoulder.

7 Paved Road Surface Ratings

Alligator Cracking (this evaluation may be required in future years, but is not required for 2018)

Measure the length and the width of the alligator cracking. Then multiply that length by the width to calculate the total square feet of alligator cracking (both paved driving surface and

shoulders). Divide this square footage by the square footage of the entire segment 528' times the width of the roadway (both driving surface plus shoulders) and enter the percent result (i.e. 2%, 3%, and up to 10% are common values for roads plagued with alligator cracking) in the Percent of segment (ALLIGATOR_CRACKING) field.

Cracks (this evaluation may be required in future years, but is not required for 2018)

Measure any crack opening greater than (>) 1/8 inch wide in the paved driving surface or shoulder. Enter the total length of all cracks, rounded to the nearest whole foot, in linear feet for the segment (CRACKS) field. The writing tip of a standard retractable ballpoint pen makes a good gauge for a crack greater than 1/8" wide.

Potholes

Potholes are entered on the QA inventory form as a unit count of each for two categories, those which are 4 to 12 inches in diameter and those which are greater than (>) 12 inches in diameter.

Pavement Striping

Painted striping (PS_FEAT_INV) is a count of the number of lines painted along the segment, which includes dashed centerlines, solid centerlines and fog lines. Each solid stripe or dashed lane line is counted and entered on the QA inventory form as a whole number. The pavement striping quality assessment to be made at the segment is to inspect and determine what is the number of striped lines where greater than (>) 1/3 of the line is worn, missing or obliterated. Write that number in the (PS_FEAT_ASSMNT) field to the right of the stripe inventory count.

Pavement Markings

Painted markings (are counted as the number of diagonal lines on a medium/divider, horizontal lines at a cross walk, hold/stop lines, lettering or turn arrows. The evaluation field on the QA inventory form records the number of markings where greater than (>) 1/3 of the painted symbol or line is worn, missing or obliterated.

8 Road Side Ratings

Culverts

The culvert inventory is also captured in Collector for the QA segment. It is a count field (C_FEAT_INV) of the total culverts found within the segment. This includes any driveway or side street culverts that are maintained by the State. The evaluation field (C_FEAT_ASSMNT) is a count of the culverts which are 50% or greater (>) blocked or has less than 12 inches (") of gravel cover over the top of the culvert. For culverts on Fish passage streams, there must be enough gravel inside the culvert to cover the corrugation on the floor and look like a natural part of the adjacent stream beds. The gravel should not block more than one quarter (1/4) of the culverts circumference.

Ditches

The total quantity of ditching (D_FEAT_INV) to be noted in the Collector App are the actual linear feet of drainage ditches in the segment which are at least one (1') foot (or greater) in

depth and have a fore and back slope. The evaluation field (D_FEAT_ASSMNT) is used to record the number of actual linear feet of ditch which are 50% or greater (>) blocked. This is a change, since in the past for the legacy MMS the total ditch length for both sides was measured and then divided by two (2).

Guardrail Panels

The inventory field (GP_FEAT_INV) is a count of the total number of panels found within the segment. The evaluation or assessment field (GP_FEAT_ASSMNT) is the number of panels which are functionally impaired to the point that they may not serve their intended purpose (i.e. the panel or post are compromised to the point that they may not prevent a vehicle leaving the highway). Or, for example if the panel is torn or cut or there are three or more consecutive posts broken, rotten or missing. Up to three posts may be omitted during installation if additional overlapping panels are added to stiffen the rail.

Guardrail Ends

The inventory field (GE_FEAT_INV) is a count of the total number of guardrail ends in the segment. The evaluation or assessment field (GE_FEAT_ASSMNT) is the number of ends which are functionally impaired to the point that they may not serve their intended purpose (i.e. the ends or deceleration system are compromised to the point that they may increase the probability of death or injury). Indications of impaired ends: If the end is partially activated, there are broken posts, stiffener bars are bent or broken, or tension cables are broken or slack, there is a stub post greater than 4 inches exposed above the surface, or the grade is greater than 10:1 due to erosion.

Guardrail Height

The height is measured from the top edge panel to the finish grade and has a tolerance of not less than twenty six and one half (26 ½") inches and not greater than thirty six (36") inches (see Attachment 3 for diagrams and detailed instructions). Enter the total number of guardrail panels (GH_FEAT_ASSMNT) which are out of tolerance and may not serve their intended purpose (i.e. having the panel(s) at a wrong height may increase the probability of a vehicle going under or over the guardrail). See Section 13 Attachment 3 for the height measurement standards.

Traffic Signs

The inventory field (TS_FEAT_INV) is a count of the total number of signs within the segment, including markers on delineators (only signs maintained by DOT are to be counted). If the sign has legend on both sides it is counted as two (2) signs. The assessment field (TS_FEAT_ASSMNT) is a count of the total number of signs where 1/3 or more of the legend or symbol or background is illegible, missing, obliterated or the reflectivity of the sign is visibly compromised. Do not count temporary construction signs.

Average Width of Vegetation Management

The average width (AVG_WIDTH_VEG_MGMT) is measured and calculated for both sides of the road and entered in the field.

Vegetation Hydro Axe

For this feature the length (HYDRO_AXE_LEN), which is the inventory, of the area which **normally would be cut** with a hydro axe is measured and entered in the QA inventory form. If the area needs to be cut the width (HYDRO_AXE_WID) which would be cut by Hydro Axe is entered, otherwise the width is 0.

Vegetation Side Arm Mower

For this feature the length (SA_MOWER_LEN), which is the inventory, of the area which **normally would be cut** with a side arm mower is measured and entered in the QA inventory form. If the area needs to be cut the width (SA_MOWER_WID) which would be cut by side arm mower is entered, otherwise the width is 0.

Vegetation Standard Mowing

For this feature the length, (STD_MOWER_LEN), which is the inventory, of the area which **normally would be cut** with a standard mower is measured and entered in the field. If the area needs to be cut the width (STD_MOWER_WID) which would be cut by standard mower is entered, otherwise the width is 0.

9 MMS Data Loading Procedures

When the data is collected with the Trimble Kenai GPS tablet and the ArcGIS Collector App use the instructions below. An export file from ArcGIS is imported into the MMS which includes the site pictures. If the inventory or assessment is conducted with a paper form, the loading of data from the inventory form into the QA module is a straight typing of values and comments in the MMS QA module as described below with the following exceptions: pictures are labeled manually with the inspection site number and are imported separately into the MMS.

Alternate Segment

If it is necessary to select a different road for an alternate segment, the road selected should be similar to the original segment. Enter the road name of the new location in the Comments field, however, only the original, randomly selected road name and the mile point are displayed in the QA module. When using the Collector App a pin flag is dropped on the map for the alternate location begin and end which are labeled as Begin or End with the original segment/site number.

Paved Road Width

The data collected for driving surface width is measured inside of the fog lines, or the seam between the driving surface and the shoulder and rounded to the nearest foot.

Paved Shoulder

Paved bike paths are not counted as paved shoulders, even if connected to the shoulder.

Paved Bike Paths

Paved bike paths whether connected to the shoulder of the road or separated are measured and counted as part of the shoulder.

Alligator Cracking, Cracking, International Roughness Index and Rutting

These deficiencies are imported from the PMS into the MMS the year after they are collected by the PMS contractor.

Vegetation Management

There are nine entry fields for vegetation management. The average width of vegetation managed at the inspection segment. The other eight entry fields are for the length and width of area that would normally be cleared by the type of equipment that would be used to do the work. The current types of equipment reported for Vegetation Management are Hydro Axe (HYDRO_AXE), Standard Mower (STD_MOWER) and Side Arm Mower (SA_MOWER). As these assessments are made, remember to add a comment about line of sight obstructions for intersections and curves if an obstruction is not readily visible in the photos.

Ditches

Enter the linear feet of all ditch in the right of way for both sides of the road, to the nearest foot.

10 Definition of Terms and Acronyms

Fog Lines and Pavement Width Measurements

For the purposes of QA field data collection, **the fog line is considered part of the paved shoulder**. Thus the shoulder area is measured from the inside of the fog line nearest the driving surface to the outside of the paved shoulder. On roads without a fog line the seam between the shoulder and driving surface can be used as the boundary.

Level of Service – The purpose of QA is to measure the level of service provided by Alaska DOT&PF to the traveling public and the Commercial Trucking Industry. The QA module also provides tools to predict how the level of service will change if funding is increased or decreased. The QA Level of Service goals are outlined in Attachment 4. **Beginning in 2010, the number of segments collected was doubled to 1,000 segments. The program has been improved and updated for 2010 to better depict the level of service. In 2016 the number of segments were increased to 1,500 for the 2017 - 2018 inspection season. In 2017 the FHWA approved funding to increase the number of segment inspected to 3,000 for the 2018 - 2019 inspection season, again the increase was to more accurately measure and predict changes to the level of service. The**

program information can be downloaded from the M&O Statewide Home Page. Look for the Maintenance Management System and Quality Assurance Program data presentation pages at: <http://www.dot.state.ak.us/stwdmno/index.shtml>

MMS – The Maintenance Management System is a software application used to record and report maintenance work activities. The system was developed to provide an electronic timesheet, stockpile usage inventor and as a methodology provides for asset management through the Quality Assurance module.

QA – The Quality Assurance module of the MMS is used in conjunction with inspections of highway features to predict the statewide highway system condition and the level of service provided to the traveling public and commercial vehicle operations. The QA module allows the department to evaluate the level of service for each feature listed in the QA inventory form. The ability to predict how the level of service is changed if the maintenance budget is increased or decreased based on a standard rate of change per year is a valuable tool. The QA module is a key element of our proactive asset management program.

MP – Mile Points are used in the state GIS linear referencing system and when measuring to find a particular location on a highway or other CDS route.

Mile Post – A historical mile marker is a highway feature and is identified in the right of way by a small green sign with a number. Note: A mile post and a mile point are not always at the same location on the highway.

CDS Route Number – Alaska DOT&PF identifies each road in the Highway Analysis System (HAS) with a Coordinated Data System (CDS) Route Number. Each road has a route name (the CDS Route Number) and a route description (the posted road name).

ESRI ArcGIS Collector App – The Collector App is used on the Trimble Kenai GPS tablet running Windows 10 OS to locate the inspection segments on the road network and record the inventory/inspection results.

PMS – The Pavement Management System is the application designed to record and report pavement conditions for the Departments Pavement Engineer. Data in the PMS pertains to the pavement surface only as seen by vehicle instrumentation and does not include potholes, pavement markings, pavement striping or roadside features.

11 Attachment 1 – MMS QA Electronic Inventory Form Definitions

FY	Fiscal Year cannot be changed
ASSMNT_DATE	Date of the inspection
SITE_ID	Inspection segment number
BEG_MP	Begin Mile Point is where the inspection segment begins on the highway
TEAM_ID	Select your name
RTE	CDS route number for the highway
ALT_SITE_FLAG	Choose "Y" for yes if this is an alternate location for the segment
QC_FLAG	Choose "Y" for yes if this is a QC segment
DRIVING_SURFACE_PAVED	The measured width at begin and end of segment averaged.
SHOULDER_PAVED	The measured width at begin and end of segment for both sides of the road averaged.
GRAVEL_SURFACE	N/A for paved highways otherwise Pass or Fail
DRIVING_SURFACE_GRAVEL	The measured width at begin and end of segment averaged.
SHOULDER_GRAVEL	The measured width at begin and end of segment for both sides of the road averaged.
CRACKS	Measured length for all cracks in the segment
ALLIGATOR_CRACKING	The measure and calculated total percent of Alligator Cracking in the segment $(\text{Alligator Cracking } L * W) / (\text{Segment } L * W) = \% \text{ of Segment}$
POTHOLES_4	Count the number of Potholes between 2 and 12 inches in diameter
POTHOLES_12	Count the number of Potholes < 12 inches in diameter
AVG_WIDTH_VEG_MGMT	The average width of vegetation managed on both sides of the road
HYDRO_AXE_LEN	Hydro Axe - The measured length that if cut would require this type of equipment
HYDRO_AXE_WID	Hydro Axe - The measured width that requires cutting by this type of equipment
STD_MOWER_LEN	Standard Mower - The measured length that if cut would require this type of equipment
STD_MOWER_WID	Standard Mower - The measured width that requires cutting by this type of equipment
SA_MOW_LEN	Side Arm Mower - The measured length that if cut would require this type of equipment
SA_MOW_WID	Side Arm Mower - The measured width that requires cutting by this type of equipment
COMMENTS	Comments about any of the finding above or below the Comments box
C_FEAT_INV	Culvert Feature Inventory - Count of the total culverts in the inspection segment
C_FEAT_ASSMNT	Culvert Feature Assessment - Count of the total culverts in the inspection segment 50% or < blocked

D_FEAT_INV	Ditching Feature Inventory - Measure the ditching on both sides of the road and divide by 2
D_FEAT_ASSMNT	Ditching Feature Assessment - Measure the ditching that is 50% or < blocked on both sides of the road and divide by 2
GP_FEAT_INV	Guardrail Panel Feature Inventory - measure the total length of rail in the segment
GP_FEAT_ASSMNT	Guardrail Panel Feature Assessment - measure the total length of rail in the segment damaged
GE_FEAT_INV	Guardrail End Feature Inventory - count the total number ends in the segment damaged
GE_FEAT_ASSMNT	Guardrail End Feature Assessment - count the total number ends in the segment damaged or activated
GH_FEAT_ASSMNT	Guardrail Height Feature Assessment - measure the height of rail, if > 26 1/2" or < 36" it Fails (New standard for 2018)
TS_FEAT_INV	Traffic Sign Feature Inventory - count the total number of signs in the segment
TS_FEAT_ASSMNT	Traffic Sign Feature Assessment - count the total number of signs in the segment damaged
PS_FEAT_INV	Pavement Striping Feature Inventory - Count the total in the segment
PS_FEAT_ASSMNT	Pavement Striping Feature Assessment - If damage is 1/3 or < it Fail
PM_FEAT_INV	Pavement Markings Feature Inventory - Count the total in the segment
PM_FEAT_ASSMNT	Pavement Markings Feature Assessment - If damage is 1/3 or < it Fail

NOTE: With the deployment of the new AgileAssets systems the pavement data for Cracks and Alligator Cracking will be collected by the Pavement Management System for import into the MMS. It is important to recognize that the pavement data will be almost a year old since the new pavement data is not available until well after the MMS QA inspection season is over. Therefor the previous year's pavement data is used.

12 Attachment 2 – MMS QA Report Card and Trends

Alaska DOT Quality Assurance Report Card

2018	Service Level A				Service Level B				Service Level C				Service Level D				Service Level E			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Gravel Surface Material									P								C			
Cracks				C+	P															
Alligator Cracking					P															
Potholes				C+	P															
Pavement Striping									P				C+							
Pavement Marking									P		C+									
Pavement Rutting									PC											
Pavement RFI									PC											
Culverts					P												C+			
Ditches	C				P															
Guardrail Panels					P				C+											
Guardrail Ends					P															
Guardrail Height					P			C												
Traffic Signs					P												C+			
Vegetation Management - Hydro Ax					P															
Vegetation Management - Side-Arm Mowing					P												C+			
Vegetation Management - Standard Mowing					P												C			

C = Existing Service Level (2015)

P = Proposed Service Level

CP = Existing and Proposed are the same

NOTE: IA and AUT data is still being processed and will be updated as soon as available.

2017 – 2018 Condition & Remedy

Asset	FY17 Condition	FY18 Condition	Remedy
Gravel Surface Material	P+	P+	\$32.7M to raise the rating to a C
Cracks	C-	B-	\$3M to raise rating to a B
Alligator Cracking	B+	C-	\$4.8M to raise the rating to a B
Potholes	B	A	Desired rating for this asset is B
Pavement Striping	C-	B-	\$503.2K to raise the rating to a C
Pavement Marking	D+	C-	\$22.5K to raise the rating to a C
Pavement Rutting	C	C	Data still being processed, desired rating B
Pavement RFI	C	C	Data still being processed, desired rating B
Culverts	C	C-	\$11.2M to raise rating to a B
Ditches	C	A-	Desired rating for this asset is a B
Guardrail Panels	B+	C+	\$375.5K to raise rating to a B
Guardrail Ends	C	C	\$457.5K to raise rating to a B
Guardrail Height	B-	B	Desired rating for this asset is a B
Traffic Signs	C	C-	\$461.4K to raise rating to a B
Vegetation Management - Hydro Ax	C	C	\$418.9K to raise rating to a B
Vegetation Management - Side-Arm Mower	C	C-	\$293.7K to raise rating to a B
Vegetation Management - Standard Mower	P	P	\$269.9K to raise rating to a B

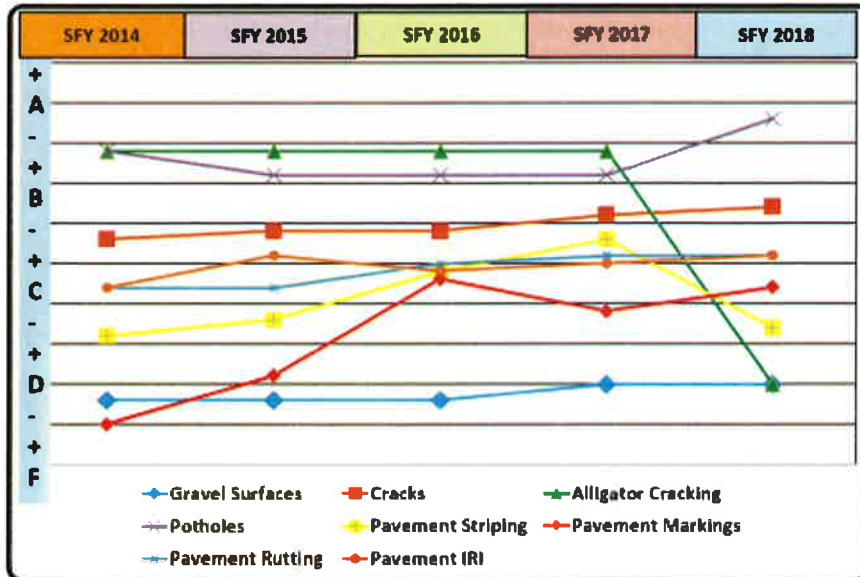
Improvement

Decrease

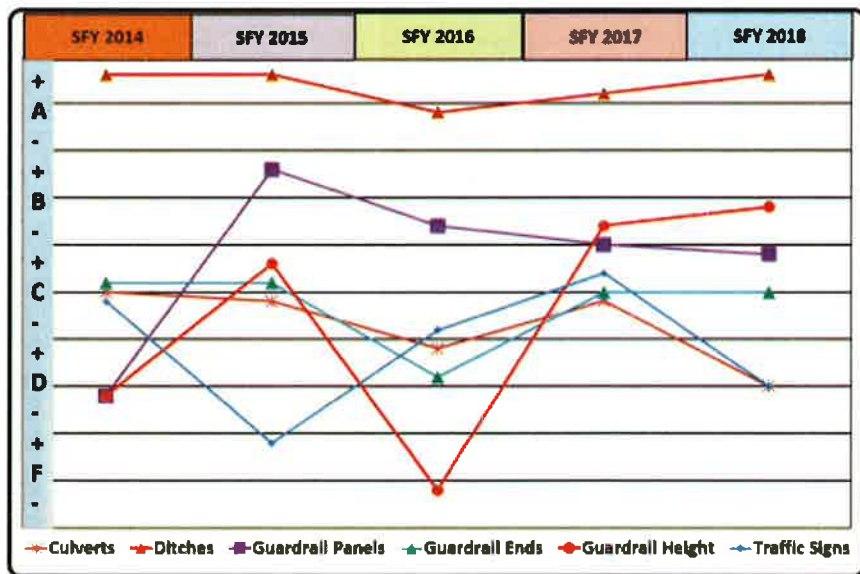
Estimated rating for IA and AUT - data is still being processed

Attachment 2 (Cont.)

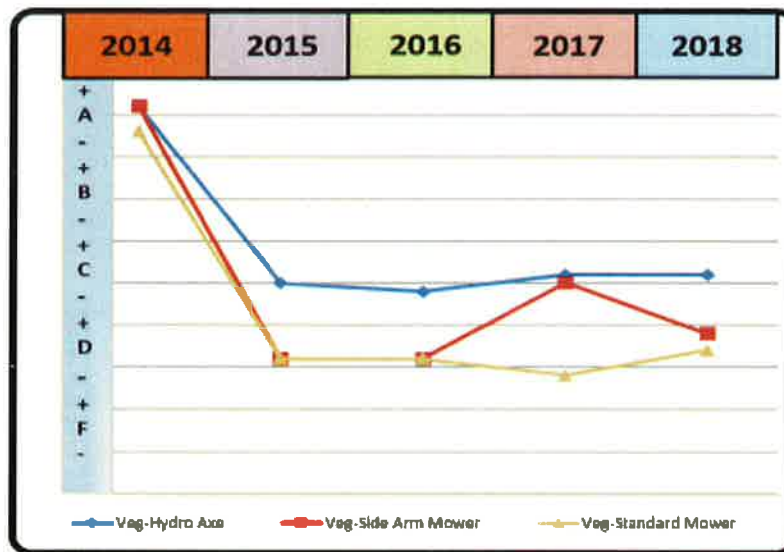
Road Surface Trends



Roadside Trends



Attachment 2 (Cont.)

Vegetation Management Trends

13 Attachment 3 – Guardrail Height Measurement

Guardrail Panel Height Tolerance

The height of guardrail is determined from years of crash testing. The standard for W-Beam guardrail as of January 16, 2017 was set at 29" by FHWA. Beginning in January 2018 the new Guardrail height standard installation height will be 31". Existing guardrail that is in good condition was grandfathered and does not require height modification.

Crash testing has shown the height is important for the proper performance of the guardrail in vehicle impacts. An installation too low may allow a larger vehicle with a relatively high center of gravity to climb the barrier, while too high of an installation may let a smaller vehicle slip underneath. Nominal construction tolerance for a new installation is +/- 1", and AASHTO recommends guardrail to be rebuilt if the height varies more than +/- 1" from the standard height.

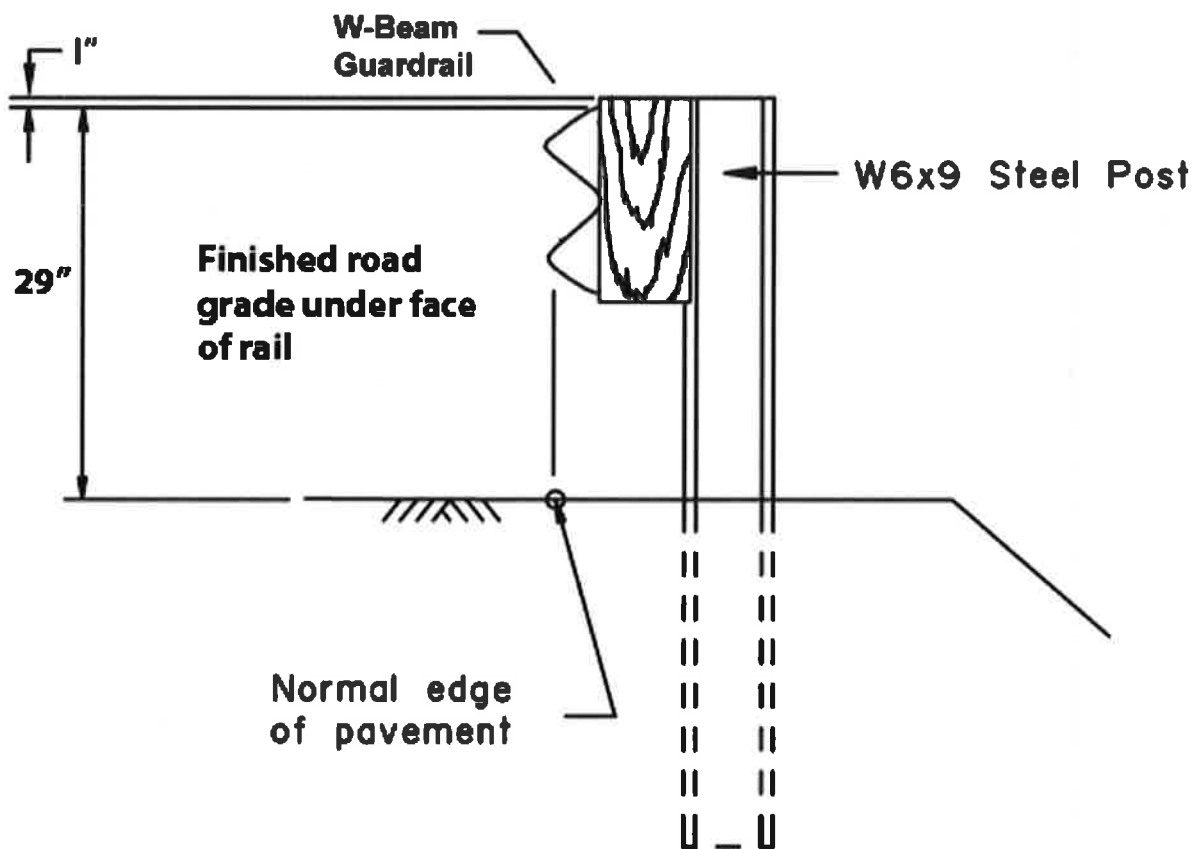
A change in height is typically caused by resurfacing projects, frost heave or the post being undermined by water. Excessive winter sand and gravel buildup is a maintenance issue and not a tolerance failure. Scrape away excess sand and gravel down to grade before measuring height.

W-Beam Guardrail is measured to top edge of panel the minimum height is 26 ½ inches measured as depicted in the diagram below. Measurement is taken at the top of the panel to the finish grade. The maximum height for guardrail installed before January 1, 2018 is no longer listed in the Standard Drawings Manual. FHWA/ASHTO testing of W-Beam at 36 inches indicated that guardrail would retain vehicles of various sizes.

As of January 1, 2018 all Guardrail must be between 26 ½ inches and 36 inches to pass inspection. The following diagrams provide new installation heights only.

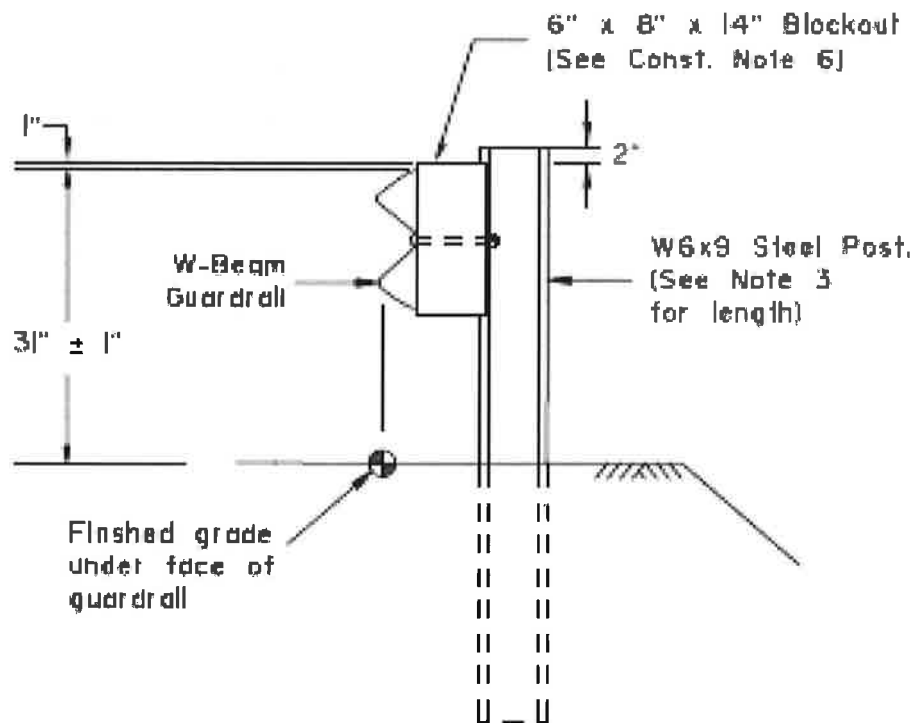
Attachment 3 (cont.)

W-Beam Guardrail installed after January 16, 2017 and before January 1, 2018.



Attachment 3 (cont.)

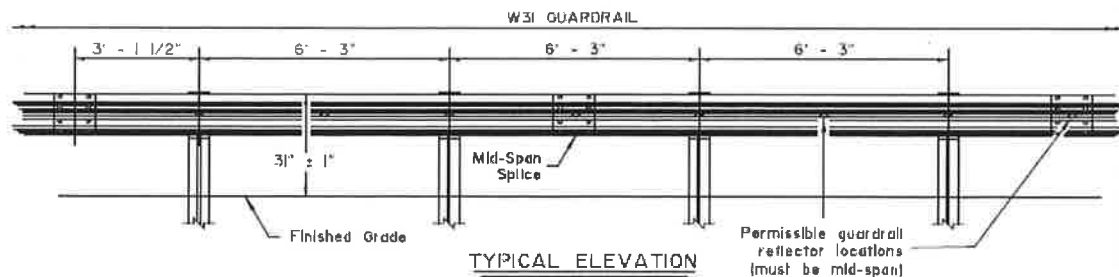
Effective January 1, 2018 the new guardrail height issued in the DOT&PF Standard Drawing Manual list the standard height for W-Beam guardrail cannot be lower than 26 ½ inches and not higher than 36 inches. The following installations diagrams are on steel post, 6" x 8" wooden post may also be used.



TYPE II POST INSTALLATION

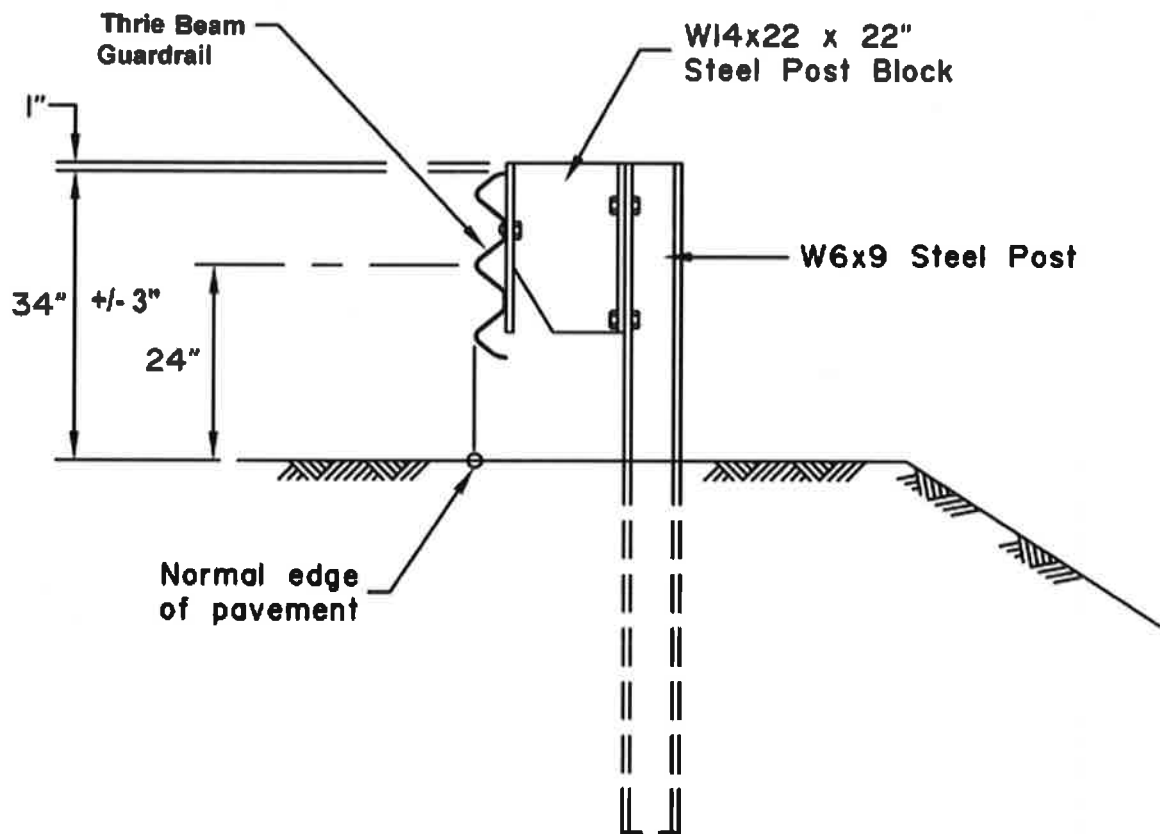
{Facilitates raising rail for future overlays.}

You can identify guardrail installed after January 1, 2018 by the guardrail splice being between, rather than on the post. Guardrail reflectors are mounted on the post rather than the guardrail.



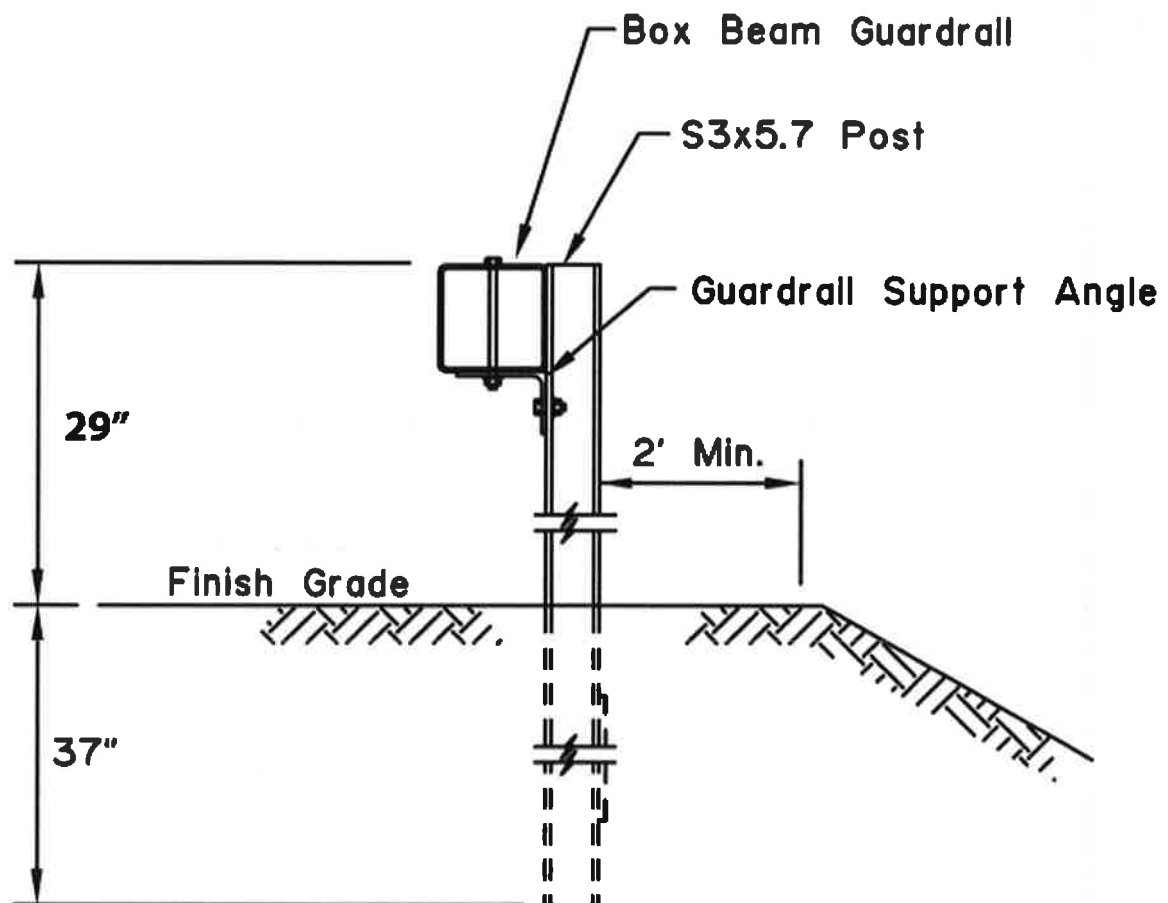
Attachment 3 (cont.)

Thrie-Beam Guardrail is measured to top edge of panel 34 inches +/- 1 inch for new installations. Measurement is taken at the face of the beam to the normal edge of pavement or the finish grade as depicted below. The maintenance inspection standard for guardrail height cannot be lower than 26 ½ inches and not higher than 36 inches.



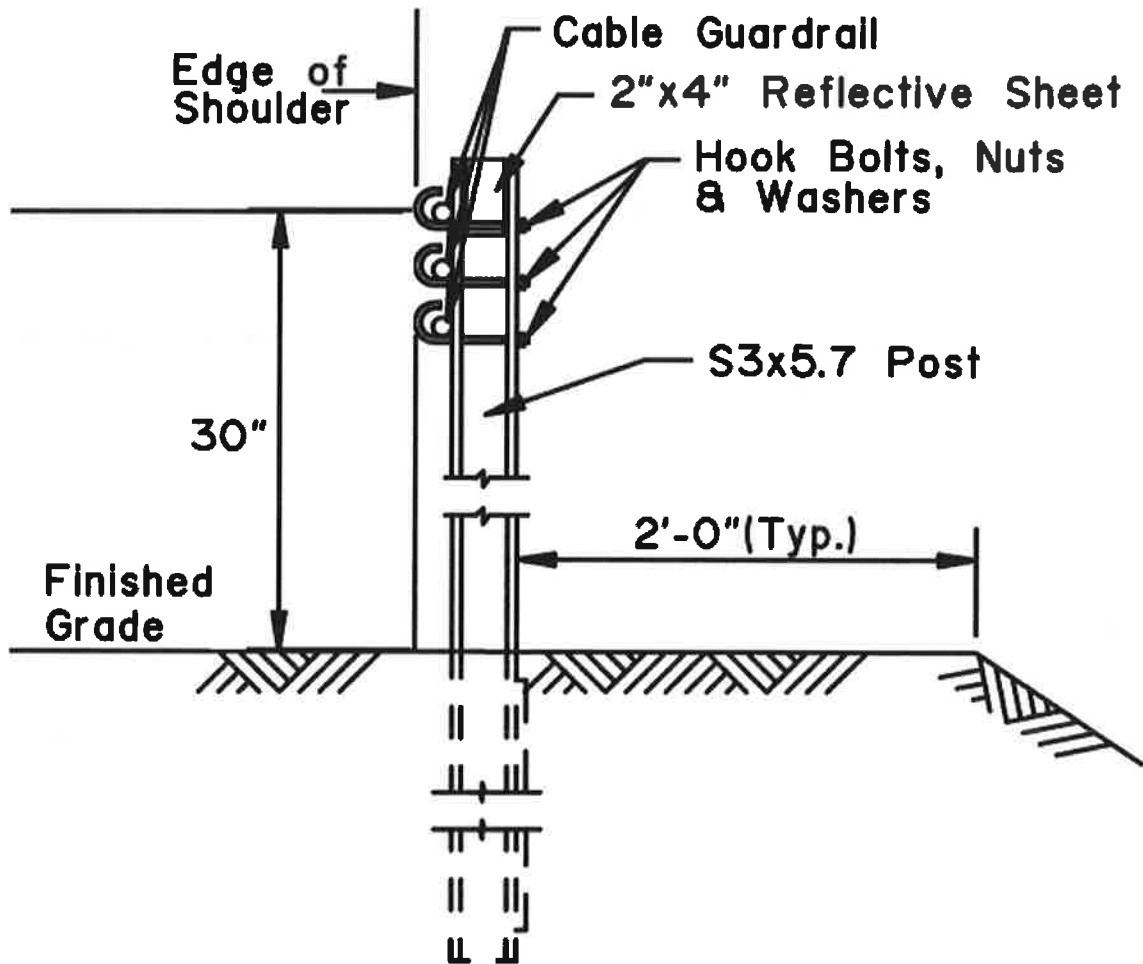
Attachment 3 (cont.)

Box Beam Guardrail is measured to top edge of beam 29 inches and the new installation standard is ± 1 inch. Measurement is taken at the face of the beam to the finish grade as depicted below. This type guardrail is typically used on bridges in Alaska and the height does not change due to frost heave or undermining by water. However when used on the highway the height tolerance is ± 3 inches.



Attachment 3 (cont.)

Cable Guardrail is measured to the center of upper cable 30 inches and the installation standard is ± 1 inch. The measurement is taken at the face of the cable to the finish grade as depicted below. The top cable cannot be lower than 26 1/2 inches or higher than 34 inches.



The FHWA recommends tensioning the cables after installation to improve the performance of the system by reducing deflection and increasing the potential to capture the impacting vehicle. The installation temperature is also a critical factor. A fourth cable may be added to reduce the probability of a small vehicle slipping under the bottom cable. The FHWA recommends agencies specify a minimum tension at a discreet installation temperature for high tension cable, and plan follow-up inspections to ensure the desired tension is maintained.

Attachment 3 (cont.)

Tensioning standards have not been set by Alaska DOT&PF for low tension cable guardrail, which is the only cable rail that is installed at this time. However until there is a standard, measure the height to the center of the top cable at the post and the height of the cable mid span. Both height measurements should be the same as long as the edge of the shoulder is consistent between posts.

14 Attachment 4 – QA Level of Service Goals

NOTE: The QA Level of Service goals will be reviewed again before the end of the 2018 calendar year.

Level of Service Goals - Surface

- Gravel Surface – C
- Cracks – B
- Alligator Cracking – B
- Potholes - B
- Pavement Striping – C
- Pavement Markings – C
- Pavement Rutting – B
- Pavement IRI - B

Level of Service Goals - Roadside

- Culverts – B
- Ditches – B
- Guardrail Panels – B
- Guardrail Ends – B
- Guardrail Height – B
- Traffic Signs – B
- Vegetation - B

15 Attachment 5 – ESRI ArcGIS Collector App & MMS Setup Checklist

The following checklist provides the sequence of events necessary to prepare the MMS and the ArcGIS and Collector App for each year's inventory and inspection season.

1. ArcGIS settings for Collector setup:

Feature Layer (hosted) Settings



Editing

- ☒ Enable editing.
- ☒ Keep track of created and updated features.
- ☒ Keep track of who created and last updated features.
- ☒ Enable Sync (disconnected editing with synchronization).
- Who can edit features?
 - Share the layer to specific groups of people, the organization or publicly via the Share button on the Overview tab. This layer is not shared.
- What kind of editing is allowed?
 - ☐ Add, update, and delete features
 - ☒ Only update feature attributes
 - ☐ Only add new features
- What features can editors see?
 - ☒ Editors can see all features
 - ☐ Editors can only see their own features (requires tracking)
- What features can editors edit?
 - ☒ Editors can edit all features
 - ☐ Editors can only edit their own features (requires tracking)
- What access do anonymous editors (not signed in) have?
 - ☒ The same as signed in editors
 - ☐ Only add new features, if allowed above (requires tracking)
- Who can manage edits?
 - You
 - Administrators
 - Data curators with the appropriate privileges

2. MMS Setup:

- a. As mentioned earlier the MMS must be setup for the new Fiscal Year (FY), which begins in July, in order to prepare the database.

Attachment 5 (cont.)

- b. Run and have the three regions review the excluded segments for the new FY and have them verify with construction so the planned construction segments plus 1/10 mile on either of the construction are excluded.
- c. Once the excluded segments are loaded in the new FY run the MMS highway QA/QC inspection list and have the regions review and approve the QC sites they will inspect.
- d. Publish the inspection contract or amendment for signature, the inspection period is from May 1st to July 31st for the Contract.
- e. Export an Excel Spreadsheet CSV file and crate a Geospatial database or as described in the AgileAssets manual.
- f. Coordinate with the AgileAssets MMS manager to insure the fields and format match and required fields are prepopulated.
- g. Deliver the spreadsheet with the inspection segments to the GIS section so they can prepare the Geodatabase.
- h. Once the Geodatabase is published download it to the Trimble GPS tablets into the Collector App.
- i. Have Megan Byrd or the new manager for the Cell Phone SIM Cards activate the cards for the three Contractor's tablets.
- j. Once the testing is completed to insure functionality and accuracy by both Wireless and Cell phone download of the data, have the production path setup (setup is done by either the Department GIS section or ESRI ArcGIS) and then download it to Collector App on each tablet.
- k. View and track progress as the inspection data is transmitted from the field to the ESRI ArcGIS Cloud, then to the Department GIS server and Map.
- l. When the DOT QC team is ready to go to work, have the Cell Phone SIM cards activated for their tablets. The QC inspections, based on staff availability, should be completed by the second week in September to meet the regional M&O Chief's deadline.
- m. After each team completes their inspections for the season have the SIM cards deactivated to save money. The GCI SIM cards can be turned on and off as needed and you retain the SIM for the next inspection season.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
REQUIRED CONTRACT PROVISIONS
for
FEDERAL-AID (FHWA) CONTRACTS

FHWA-1273 -- Revised May 1, 2012
Supplement , Cargo Preference Act -- Effective February 15, 2016

REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's

immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27)

and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of

employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants /

Employees with Disabilities: The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:

The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should

represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for

determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that

the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed,

as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity

requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
- (2) the prime contractor remains responsible for the quality of the work of the leased employees;
- (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
- (4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

- a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.
- b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

**SUPPLEMENT to Form FHWA -1273
CARGO PREFERENCE ACT REQUIREMENTS**

This provision requires compliance with the Cargo Preference Act (CPA) and its implementing regulations in 46 CFR 381 for all Federal Aid Projects awarded after February 15, 2016.

In accordance with 46 CFR 381.7, the following language must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of 46 CFR 381.7 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

(a) Agreement Clauses. Use of United States-flag vessels:

(1) Pursuant to Pub. L. 664 (43 U.S.C. 1241(b)) at least 50 percent of any equipment, materials or commodities procured, contracted for or otherwise obtained with funds granted, guaranteed, loaned, or advanced by the U.S. Government under this agreement, and which may be transported by ocean vessel, shall be transported on privately owned United States-flag commercial vessels, if available.

(2) Within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (a)(1) of this section shall be furnished to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590."

(b) Contractor and Subcontractor Clauses. Use of United States-flag vessels: The contractor agrees—

(1) To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.

(2) To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b) (1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.

(3) To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this contract."