1. DATA AND INFORMATION TYPES

A. Provide a contextual description of the data stream.

These sensors provide video images taken from Webcams stationed at various geographical locations of interest in Alaska, including roadways, volcanoes, rivers, harbors, and more.

 Website URL: Real-Time Sensors: Sensors: WebCam*:
 http://portal.aoos.org/#module-metadata/5da59d98-59ad-11e1-a1da-0019b9dae22b/8c5dd704-59ad-11e1-bb67-0019b9dae22b

B. How many station locations are there for this data stream?
- AKDOT: 36 locations (stations)
- AHON: 1 location
- North Coast: 57 locations
- CIRCAC: 1 location
- CVT: 13 locations
- CALON: 3 locations

C. What are the specific parameters of the data.

The parameters include date, time, and video images taken of roadways (Alaska Dept of Transportation (AKDOT); active volcanoes (Alaska Volcano Observatory/North Coast); Kenai River mouth (Cook Inlet Regional Citizen's Advisory Council (CIRCAC)); harbors (Alaska Harbor Observation Network (AHON)); and other geographic locations (Copper Valley Telecom (CVT) and (NSF Circum-Arctic Lakes Observation Network (CALON)).

D. Provide information about the sampling platform or instrumentation.

The platforms include bridges, light posts, camera tripods, etc. that support a Webcam.

2. DATA PATHWAY

A. Is a data sharing agreement required?

Data are available publically.

B. In which format(s) are data received by AOOS?

Video images are received as JPG or PNG from the originator's webcam sites.

C. How can the information be accessed?

The data are available through the AOOS data portal, where it can be downloaded or explored through interactive visualizations. Specifically the data are available from one unique access point: - File Downloads (JPG)

D. What file formats will be used for sharing data, if different from original?

All images are converted to JPG for sharing.

E. Describe how the data are ingested (e.g. the flow of data from source to AOOS data portals) and any transformations or modifications made to share data in the AOOS data portal.
Images are displayed in the portal, and downloaded from source, converted to JPEG and stored in the memory cache. New Webcam Imagery can be added upon user request.

F. What metadata or contextual information is provided with the data?
CIRCAC, North Coast, AHON, CALON, and CVT do not provide metadata for their webcams. The Road Weather Information System (RWIS) operated by the AKDOT, provides overview information and a glossary describing each sensor measurement. Images are shared in the AOOS portals with titles and links to the originator's webpages.

G. Are there ethical restrictions to data sharing?
No

   a. If so, how will these be resolved?
   N/A

H. Who holds intellectual property rights (IPR) to the data?
AKDOT & Public Facilities; CIRCAC; Alaska Volcano Observatory/North Coast; CVT; AHON; CALON

I. Describe any effect of IPR on data access.
None

3. DATA SOURCE AND QUALITY CONTROL

A. Indicate the data source type (i.e. Federal, Non-Federal, University, State Agency, Local Municipality, Military Establishment (branch), private industry, NGO, non-Profit, Citizen Science, Private individual)
State agency (AKDOT); University (North Coast, CALON); Private industry (CIRCAC, CVT); NGO (CIRCAC,AHON)

   a. If Federal data source, were changes applied to the data?
   N/A

   b. If Yes, describe any changes to the data that require documentation?
   N/A

B. Indicate the data reporting type (e.g. real-time, historical).
Real-time

C. If real-time, list the QARTOD procedures that are currently applied.
QARTOD not applicable to camera images.

D. If real-time, list the QARTOD procedures that are planned for implementation.
  N/A

E. What is the status of the reported data? (e.g. raw, some QC, incomplete, delayed mode processed but not QC'd)
  N/A

F. Describe the data control procedures that were applied by the originator.
  Contact the data provider for availability of QC information.

  a. Provide a link to any documented procedures.
    N/A

G. Describe the data control procedures that were applied by AOOS.
  N/A
  a. Provide a link to any documented procedures.
    N/A

H. List the procedures taken for data that could not be QC'd as directed.
  N/A

4. STEWARDSHIP AND PRESERVATION POLICIES

A. Who is responsible for long-term data archiving?
  No archive planned. Data images are not saved by AOOS.

B. Which long-term data storage facility will be used for preservation?
  N/A

C. Describe any transformation necessary for data preservation.
  N/A

D. List the metadata or other documentation that will be archived with the data.
  N/A