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 **SP\_S306**

**Paragraph in red text below NOT to be included in Tender.**

**The following special provision is to be used on pavement rehabilitation projects where an existing Road Weather Information System (RWIS) installation is located. The Consultant and/or Contractor shall provide the location details and specify which sensors will be affected by the rehabilitation. A table listing locations of the provincial RWIS stations is provided at the end of this document.**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Road Weather Information System (RWIS) STATION - [name of station (site name)]**

**1.1.1 General**

The Contractor is advised that there are existing Road Weather Information System (RWIS) station components (road sensor(s), conduits, cables, junction boxes, etc.) embedded in the roadway surface and installed in the adjacent slope/ditch area of [Hwy XX:XX] at approximately [Km XX] (Lat, Long). These components are connected to a nearby main RWIS station tower located (approximately 10-30m away) in the highway right-of-way boundary. In some cases where RWIS station is at/near bridges and overpasses, the tower can be up to 150m from embedded road sensors.

The road surface sensor(s) itself are typically located in the travel lanes in both directions approximately 0.3m from the white shoulder line. The road surface sensor(s) are approximately 14 cm in diameter. Note that there could be up to four (4) road surface sensors and four (4) sub-surface probes connected to an RWIS tower.

The Sub-surface probes are typically located next to a road surface sensor and are at a depth of 400mm and 1500mm with its cables within the conduit running to the RWIS Tower.

The Contractor assumes full responsibility for safeguarding/protecting all existing and installed RWIS components during the progress of the Work.

The RWIS Service Provider (WSP Global Inc.) has a contract with Alberta Transportation and Economic Corridors (TEC) to maintain the provincial RWIS network infrastructure. Their sub-contractor Campbell Scientific will perform all necessary work associated with the removal, replacement, or relocation of the RWIS installations (towers, cabinets, devices, sensor, cables, conduits, junction boxes, etc).

Prior to commencing any work within the vicinity of the RWIS station, the Contractor shall provide a minimum of three (3) weeks’ advance notice to the following contacts to facilitate any RWIS station component removals and/or marking/staking of conduits if applicable:

**RWIS Service Provider (WSP with Sub-contractor Campbell Scientific):**

DJ Snodgrass

Campbell Scientific, Sr. Technical Sales Consultant - Transportation

Email: dj.snodgrass@campbellsci.ca

Cell 506-261-9461 | Direct 780-733-8455

<https://www.campbellsci.ca/>

Jay Skoropad

Campbell Scientific, Program Manager

Email: Jay.Skoropad@Campbellsci.ca

Office: 780-454-2505

**Alberta Transportation and Economic Corridors:**

Shahin Abji, P.Eng.

ITS Specialist

Highway Operations

Email: shahin.abji@gov.ab.ca
Phone: (780) 415-4877

In the event the Contractor does not provide sufficient notice to the RWIS Service Provider to salvage re-usable RWIS components, the cost of replacement (engineering, materials, labor, equipment, testing, TAS) of these RWIS station components shall be borne by the Contractor at the sole discretion of the Department.

The Contractor shall notify the RWIS Service Provider and TEC in advance of the highway rehabilitation being completed in the area of the RWIS tower, to permit the reinstatement of the RWIS components using the Contractor’s provided traffic accommodation. This includes noting with a pavement marking (spray paint and/or stake) the location of the conduit for the road sensor(s) in question.

The Contractor shall coordinate and provide Traffic Accommodation for the RWIS Service Provider to salvage and to re-instate the RWIS station components. Coordinating and providing Traffic Accommodation is considered incidental and no separate payment will be made for it. The contractor is not expected to provide traffic accommodation if they have provided reasonable notice to the RWIS Service Provider, and the Service Provider is unable to complete the work prior to the Contractor leaving the site. The Department at is sole discretion may deduct the cost of providing Traffic Accommodation if deemed that inadequate notice was provided.

The Contractor shall cooperate with the RWIS Service Provider when and where needed to provide access to the site for the purpose of:

1. protecting the equipment and/or marking/staking location of RWIS infrastructure prior to the start of the highway rehabilitation project
2. removal of any re-usable RWIS components/devices prior to any work that may damage the system components.
3. re-installing RWIS sensor equipment prior to the completion of the rehabilitation project

**The following is not to be inserted in the tender:**

TEC project administrator will arrange for funding to cover the costs of the RWIS Service Provider. Typically done in the form of a Job Coster.

The Consultant is to identify if the existing RWIS installations are within the construction limits and provide details of the road sensor locations. The following table lists site locations for existing RWIS installations. Updated information may be obtained from TEC Highway Operations – contact information listed below:

**Alberta Transportation and Economic Corridors:**

Shahin Abji, P.Eng.

ITS Specialist, Highway Operations

Email: shahin.abji@gov.ab.ca
Phone: (780) 415-4877

Allan Bartman, P.Eng.

Director, Highway Operations

Email: allan.bartman@gov.ab.ca

Phone: 780-422-6431

1. **RWIS Site Locations**

| Site Name | Highway | Control | Latitude | Longitude | Nearest Town | Region | District | Number of Road Sensors |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ESS\_AB\_ABDOT\_009-04 DRUMHELLER | 009 | 04 | 51.416192 | -112.817042 | Drumheller | Central | Hanna | 2 |
| ESS\_AB\_ABDOT\_009-06 MORRIN | 009 | 06 | 51.64866 | -112.71891 | Morrin | Central | Hanna | 2 |
| ESS\_AB\_ABDOT\_009-08 CRAIGMYLE | 009 | 08 | 51.64929 | -112.2721 | Craigmyle | Central | Hanna | 2 |
| ESS\_AB\_ABDOT\_009-10 YOUNGSTOWN | 009 | 10 | 51.525237 | -111.213538 | Youngstown | Central | Hanna | 2 |
| ESS\_AB\_ABDOT\_009-12 OYEN | 009 | 12 | 51.40168 | -110.66188 | Oyen | Central | Hanna | 2 |
| ESS\_AB\_ABDOT\_009-14 SIBBALD | 009 | 14 | 51.38733 | -110.29807 | Sibbald | Central | Hanna | 2 |
| ESS\_AB\_036-14 ALLIANCE | 036 | 14 | 52.346363 | -111.828168 | Alliance | Central | Hanna | 2 |
| ESS\_AB\_ABDOT\_002-20 CARSTAIRS | 002 | 20 | 51.5337559 | -114.025657 | Carstairs | Central | Red Deer | 2 |
| ESS\_AB\_ABDOT\_002-22 BOWDEN | 002 | 22 | 51.897482 | -114.024861 | Bowden | Central | Red Deer | 2 |
| ESS\_AB\_ABDOT\_002-26 PONOKA | 002 | 26 | 52.60845 | -113.663901 | Ponoka | Central | Red Deer | 2 |
| ESS\_AB\_ABDOT\_002-26 RED DEER | 002 | 26 | 52.3311388 | -113.855882 | Red Deer | Central | Red Deer | 2 |
| ESS\_AB\_ABDOT\_002-28 WETASKIWIN | 002 | 28 | 53.71621 | -114.23789 | Wetaskiwin | Central | Red Deer | 2 |
| ESS\_A\_011-06 NORDEGG | 011 | 06 | 52.490393 | -116.039908 | Nordegg | Central | Red Deer | 2 |
| ESS\_AB\_ABDOT\_016-22 ELK ISLAND | 016 | 22 | 53.5706 | -112.7314 | Elk Island | Central | Vermillion | 2 |
| ESS\_AB\_ABDOT\_016-24 MUNDARE | 016 | 24 | 53.56993 | -112.32715 | Mundare | Central | Vermillion | 2 |
| ESS\_AB\_ABDOT\_016-26 LAVOY | 016 | 26 | 53.42795 | -111.74963 | Lavoy | Central | Vermillion | 2 |
| ESS\_AB\_ABDOT\_016-30 LLOYDMINSTER | 016 | 30 | 53.288677 | -110.191992 | Lloydminster | Central | Vermillion | 2 |
| ESS\_AB\_ABDOT\_016-30 VERMILION | 016 | 30 | 53.34428 | -110.73016 | Vermilion | Central | Vermillion | 2 |
| ESS\_AB\_011-10 ROCKY MOUNTAIN HOUSE | 011 | 10 | 52.3189745 | -114.83916 | Rocky Mountain House | Central  | Red Deer | 2 |
| ESS\_AB\_013-12 CAMROSE | 013 | 12 | 52.923798 | -112.494708 | Camrose | Central  | Vermillion | 2 |
| ESS\_AB\_014-16 WAINWRIGHT | 014 | 16 | 52.841449 | -110.021032 | Wainwright | Central  | Vermillion | 2 |
| ESS\_AB\_028-08 SMOKYLAKE | 028 | 08 | 54.122135 | -112.043746 | Smoky Lake | North Central | Athabasca | 2 |
| ESS\_AB\_044-04 FLATBUSH | 044 | 04 | 54.642804 | -114.102369 | Flatbush | North Central | Athabasca | 2 |
| ESS\_AB\_063-00 EGREMONT | 063 | 00 | 54.0636 | -113.0258 | Egremont | North Central | Athabasca | 2 |
| ESS\_AB\_ABDOT\_063-01 GRASSLANDS | 063 | 01 | 54.820123 | -112.623612 | Grasslands | North Central | Athabasca | 2 |
| ESS\_AB\_ABDOT\_881-20 HEART LAKE | 881 | 20 | 55.03155 | -111.671213 | Heart Lake | North Central | Athabasca | 2 |
| ESS\_AB\_ABDOT\_016-02 OBED | 016 | 02 | 53.52177 | -117.278593 | Obed | North Central | Edson | 2 |
| ESS\_AB\_ABDOT\_016-02 PARK GATE | 016 | 02 | 53.249427 | -117.77697 | Park Gate | North Central | Edson | 2 |
| ESS\_AB\_ABDOT\_016-04 EDSON | 016 | 04 | 53.56919 | -116.62363 | Edson | North Central | Edson | 2 |
| ESS\_AB\_ABDOT\_016-06 PEERS | 016 | 06 | 53.578274 | -116.04659 | Peers | North Central | Edson | 2 |
| ESS\_AB\_ABDOT\_016-10 WILDWOOD | 016 | 10 | 53.6093 | -115.2118 | Wildwood | North Central | Edson | 2 |
| ESS\_AB\_ABDOT\_016-12 WABAMUN | 016 | 12 | 53.58149 | -114.54687 | Wabamun | North Central | Edson | 2 |
| ESS\_AB\_040-30 HINTON | 040 | 30 | 53.549897 | -117.83301 | Hinton | North Central | Edson | 2 |
| ESS\_AB\_ABDOT\_043-16 WHITECOURT | 043 | 16 | 54.063488 | -115.483368 | Whitecourt | North Central | Edson | 2 |
| ESS\_AB\_ABDOT\_043-18 SANGUDO | 043 | 18 | 53.87983 | -114.84518 | Sangudo | North Central | Edson | 2 |
| ESS\_AB\_ABDOT\_043-22 ONOWAY | 043 | 22 | 53.716223 | -114.237846 | Onoway | North Central | Edson | 2 |
| ESS\_AB\_ABDOT\_063-08 MARIANA LAKE | 063 | 08 | 55.993092 | -111.968039 |   | North Central | Fort McMurray | 2 |
| ESS\_AB\_ABDOT\_063-12 SUPERTEST HILL | 063 | 12 | 56.89939 | -111.45378 | Supertest Hill | North Central | Fort McMurray | 2 |
| ESS\_AB\_ABDOT\_881-24 CONKLIN HILL | 881 | 24 | 55.6244 | -111.1275 | Conklin Hill | North Central | Fort McMurray | 2 |
| ESS\_AB\_ABDOT\_002-30 LEDUC | 002 | 30 | 53.235996 | -113.568392 | Leduc | North Central | Stony Plain | 2 |
| ESS\_AB\_ABDOT\_016-14 SPRUCE GROVE | 016 | 14 | 53.570574 | -113.874685 | Spruce Grove | North Central | Stony Plain | 2 |
| ESS\_AB\_ABDOT\_016-18 SHERWOOD PARK | 016 | 18 | 53.5707 | -113.272 | Sherwood Park | North Central | Stony Plain | 3 |
| ESS\_AB\_022-30 DRAYTON VALLEY | 022 | 30 | 53.205038 | -114.93236 | Drayton Valley Bridge | North Central | Stony Plain | 4 |
| ESS\_AB\_216-02 AHDNE NORTHSASKRIVER | 216 | 02 | 53.609792 | -113.353694 |   | North Central | Stony Plain | 3 |
| ESS\_AB\_216-02 AHD NW HWY15 N | 216 | 02 | 53.633769 | -113.392871 | AHD NW-HWY15 N | North Central | Stony Plain | 3 |
| ESS\_AB\_216-04 AHDNE HWY16E with Remote  | 216 | 04 | 53.568757 | -113.343452 |   | North Central | Stony Plain | 6 |
| ESS\_AB\_216-06 AHD SW HWY16A E | 216 | 06 | 53.537497 | -113.654364 | AHD SW-HWY16A E | North Central | Stony Plain | 2 |
| ESS\_AB\_216-06 AHD SW HWY16A W | 216 | 06 | 53.541696 | -113.663235 | AHD SW-HWY16A W | North Central | Stony Plain | 2 |
| ESS\_AB\_ABDOT\_216-06 AHD SW NSR BRIDGE | 216 | 06 | 53.45863 | -113.61264 | AHD SW-NSR Bridge | North Central | Stony Plain | 2 |
| ESS\_AB\_216-06 AHD SW WHITEMUD | 216 | 06 | 53.518 | -113.657 | AHD SW-Whitemud | North Central | Stony Plain | 2 |
| ESS\_AB\_ABDOT\_216-08 AHD NW-HWY16 E | 216 | 08 | 53.572643 | -113.658788 |   | North Central | Stony Plain | 4 |
| ESS\_AB\_ABDOT\_216-08 AHD NW-HWY16 W | 216 | 08 | 53.57547 | -113.664187 | AHD NW-HWY16 W | North Central | Stony Plain | 4 |
| ESS\_AB\_028-18 COLDLAKE | 028 | 18 | 54.3206 | -110.5349 | Cold Lake | North Central  | Athabasca | 2 |
| ESS\_AB\_ABDOT\_002-60 NAMPA | 002 | 60 | 55.98449 | -117.13274 | Nampa | Peace | Grande Prairie | 2 |
| ESS\_AB\_002-68 DUNVEGAN BRIDGE | 002 | 68 | 55.9344 | -118.5547 | Dunvegan Bridge | Peace | Grande Prairie | 4 |
| ESS\_AB\_002-70 RYCROFT | 002 | 70 | 55.7236111 | -118.698056 | Rycroft | Peace | Grande Prairie | 2 |
| ESS\_AB\_040-38 MUSREAU LAKE | 040 | 38 | 54.556071 | -118.715586 | Musreau Lake | Peace | Grande Prairie | 2 |
| ESS\_AB\_ABDOT\_043-00 DEMMIT | 043 | 00 | 55.48061 | -119.99895 | Demmit | Peace | Grande Prairie | 2 |
| ESS\_AB\_ABDOT\_043-02 BEAVER LODGE | 043 | 02 | 55.1881 | -119.3833 | Beaver Lodge | Peace | Grande Prairie | 2 |
| ESS\_AB\_ABDOT\_043-04 GRANDE PRAIRIE | 043 | 04 | 55.22939 | -118.691 | Grande Prairie | Peace | Grande Prairie | 2 |
| ESS\_AB\_ABDOT\_043-06 DEBOLT | 043 | 06 | 55.21442 | -117.96209 | Debolt | Peace | Grande Prairie | 2 |
| ESS\_AB\_ABDOT\_043-08 VALLEYVIEW | 043 | 08 | 55.012593 | -117.281832 | Valleyview | Peace | Grande Prairie | 2 |
| ESS\_AB\_ABDOT\_043-10 FOX CREEK | 043 | 10 | 54.40557 | -116.84855 | Fox Creek | Peace | Grande Prairie | 2 |
| ESS\_AB\_ABDOT\_043-10 LITTLE SMOKY | 043 | 10 | 54.65464 | -117.08978 | Little Smoky | Peace | Grande Prairie | 2 |
| ESS\_AB\_ABDOT\_043-14 TWO CREEK | 043 | 14 | 54.297346 | -116.253911 | Two Creek | Peace | Grande Prairie | 2 |
| ESS\_AB\_ABDOT\_049-10 GUY | 049 | 10 | 55.479416 | -117.131061 | Guy | Peace | Grande Prairie | 2 |
| ESS\_AB\_002-50 KINUSO | 002 | 50 | 55.316369 | -115.47337 | Kinuso | Peace | Peace River | 2 |
| ESS\_AB\_ABDOT\_035-08 MANNING | 035 | 08 | 57.10686 | -117.55142 | Manning | Peace | Peace River | 2 |
| ESS\_AB\_ABDOT\_035-12 PADDLE PRAIRIE | 035 | 12 | 57.905 | -117.615 | Paddle Prairie | Peace | Peace River | 2 |
| ESS\_AB\_ABDOT\_035-18 MEANDER RIVER | 035 | 18 | 59.09225 | -117.69084 | Meander River | Peace | Peace River | 2 |
| ESS\_AB\_ABDOT\_035-20 INDIAN CABINS | 035 | 20 | 59.868 | -117.03873 | Indian Cabins | Peace | Peace River | 2 |
| ESS\_AB\_058-04 RAINBOW LAKE | 058 | 04 | 58.5089 | -119.2225 | Rainbow Lake | Peace | Peace River | 2 |
| ESS\_AB\_088-10 RED EARTH CREEK | 088 | 10 | 56.766582 | -115.286581 | Red Earth Creek | Peace | Peace River | 2 |
| ESS\_AB\_088-18 FORT VERMILION | 088 | 18 | 58.5094 | -116.1494 | Fort Vermilion | Peace | Peace River | 2 |
| ESS\_AB\_002-64 GRIMSHAW | 002 | 64 | 56.2191667 | -117.61 | Grimshaw | Peace  | Peace River | 2 |
| ESS\_AB\_ABDOT\_001-02 CANMORE | 001 | 02 | 51.0403853 | -115.245293 | Canmore | Southern | Calgary | 2 |
| ESS\_AB\_ABDOT\_001-06 COCHRANE | 001 | 06 | 51.087323 | -114.490623 | Cochrane | Southern | Calgary | 2 |
| ESS\_AB\_ABDOT\_001-10 CHESTERMERE | 001 | 10 | 51.0381417 | -113.713475 | Chestermere | Southern | Calgary | 2 |
| ESS\_AB\_ABDOT\_001-14 GLEICHEN | 001 | 14 | 50.8338681 | -112.784553 | Gleichen | Southern | Calgary | 2 |
| ESS\_AB\_ABDOT\_001-16 BASSANO | 001 | 16 | 50.833755 | -112.475244 | Bassano | Southern | Calgary | 2 |
| ESS\_AB\_ABDOT\_002-12 OKOTOKS | 002 | 12 | 50.7170425 | -113.882824 | Okotoks | Southern | Calgary | 2 |
| ESS\_AB\_ABDOT\_002-15 CALF ROBE BRIDGE | 002 | 15 | 51.008539 | -114.021356 | Calf Robe Bridge | Southern | Calgary | 2 |
| ESS\_AB\_ABDOT\_002-18 AIRDRIE | 002 | 18 | 51.2450056 | -114.000787 | Airdrie | Southern | Calgary | 2 |
| ESS\_AB\_ABDOT\_022-08 RANCHLANDS | 022 | 08 | 50.020451 | -114.149146 | Ranchlands | Southern | Calgary | 2 |
| ESS\_AB\_ABDOT\_201-02 TCHE NW | 201 | 02 | 51.067966 | -113.924196 | STONEY E-HWY1 NW | Southern | Calgary | 3 |
| ESS\_AB\_ABDOT\_201-02 TCHE SE | 201 | 02 | 51.065999 | -113.917064 | STONEY E-HWY1 SE | Southern | Calgary | 4 |
| ESS\_AB\_201-04 STONEYTRE HWY2 NW | 201 | 04 | 50.900745 | -113.97683 | STONEY S-HWY2 NW | Southern | Calgary | 3 |
| ESS\_AB\_201-04 STONEYTRW HWY2 SE | 201 | 04 | 50.895026 | -113.973389 | STONEY S-HWY2 SE | Southern | Calgary | 3 |
| ESS\_AB\_ABDOT\_201-08 STONEY N HWY 2 NW | 201 | 08 | 51.177123 | -114.002621 | STONEY N-HWY2 NW | Southern | Calgary | 3 |
| ESS\_AB\_ABDOT\_201-08 STONEY N HWY 2 SE | 201 | 08 | 51.174995 | -113.996368 | STONEY N-HWY2 SE | Southern | Calgary | 5 |
| ESS\_AB\_ABDOT\_201-08 STONEY W & HWY 1 | 201 | 08 | 51.087276 | -114.227543 | STONEY W-HWY1 | Southern | Calgary | 4 |
| ESS\_AB\_ABDOT\_001-18 BROOKS | 001 | 18 | 50.6284196 | -111.966743 | Brooks | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_001-18 TILLEY | 001 | 18 | 50.390977 | -111.472517 | Tilley | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_001-20 SUFFIELD | 001 | 20 | 50.1851405 | -111.052245 | Suffield | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_001-21 MEDICINE HAT | 001 | 21 | 50.0402754 | -110.715929 | Medicine Hat | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_001-22 IRVINE | 001 | 22 | 49.979824 | -110.408037 | Irvine | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_002-08 GRANUM | 002 | 08 | 49.8642771 | -113.524753 | Granum | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_002-10 PARKLAND | 002 | 10 | 50.2735254 | -113.689296 | Parkland | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_003-02 CROWSNEST | 003 | 02 | 49.62706 | -114.67262 | Crowsnest | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_003-04 COWLEY | 003 | 04 | 49.57841 | -114.0927 | Cowley | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_003-06 FORT MACLEOD | 003 | 06 | 49.64958 | -113.56787 | Fort Macleod | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_003-08 MONARCH | 003 | 08 | 49.78753 | -113.05169 | Monarch | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_003-10 BARNWELL | 003 | 10 | 49.756549 | -112.363202 | Barnwell | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_003-12 PURPLE SPRINGS | 003 | 12 | 49.814867 | -111.926264 | Purple Springs | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_003-14 BURDETT | 003 | 14 | 49.828997 | -111.495632 | Burdett | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_003-14 WHITLA | 003 | 14 | 49.873541 | -111.07059 | Whitla | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_004-02 COUTTS | 004 | 02 | 49.077031 | -112.024031 | Coutts | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_004-02 WARNER | 004 | 02 | 49.256145 | -112.180072 | Warner | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_004-04 STIRLING | 004 | 04 | 49.502353 | -112.503004 | Stirling | Southern | Lethbridge | 2 |
| ESS\_AB\_ABDOT\_006-04 WATERTON PARK | 006 | 04 | 49.1675 | -113.8333 | Waterton Park | Southern | Lethbridge | 2 |
| ESS\_AB\_022-06 LUNDBRECK | 022 | 06 | 49.721174 | -114.181887 | Lundbreck | Southern | Lethbridge | 2 |
| ESS\_AB\_041-02 ELKWATER | 041 | 02 | 49.22929 | -110.252695 | Elkwater | Southern | Lethbridge | 2 |
| ESS\_AB\_201-06 MacLeod Trail (A) | 201 | 06 | 50.894623 | -114.055225 | Calgary | Southern | Calgary | 4 |
| ESS\_AB\_201-06 MacLeod Trail (B) | 201 | 06 | 50.892287 | -114.060416 | Calgary | Southern | Calgary | 3 |
| ESS\_AB\_201-06 MacLeod Trail (C) | 201 | 06 | 50.891029 | -114.054215 | Calgary | Southern | Calgary | 2 |
| ESS\_AB\_201-06 Stoney Tr Glenmore (A) | 201 | 06 | 51.008028 | -114.162361 | Calgary | Southern | Calgary | 2 |
| ESS\_AB\_201-06 Stoney Tr Glenmore (B) | 201 | 06 | 51.006056 | -114.166917 | Calgary | Southern | Calgary | 6 |
|  |  |  |  |  |  |  |  |  |
| ESS\_AB\_201-06 Stoney Tr Elbow | 201 | 06 | 50.997389 | -114.166139 | Calgary | Southern | Calgary | 3 |
| ESS\_AB\_201-06 Stoney Tr Anderson | 201 | 06 | 50.94925 | -114.143972 | Calgary | Southern | Calgary | 3 |
| ESS\_AB\_201-06 Stoney Tr Fish Creek | 201 | 06 | 50.930639 | -114.14225 | Calgary | Southern | Calgary | 2 |