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| **Melissa Cochet**, Saskatoon  Civil Engineer in Training | | [https://web.ae.ca/employee_directory/photo?company=SASK&employee=40302](https://web.ae.ca/employee_directory/employee?company=SASK&employee=40302) |
| Education   * Civil Engineering Technology Diploma, SIAST Palliser Campus, 2010-2012 * Civil Engineering Degree, Lakehead University, 2015-2017   Employment History   * May 2013 - Present: Associated Engineering * May 2011 – December 2011 P. Machibroda   Professional Societies   * SASTT * APEGS   Certifications   * Work Zone Flagging * Transportation of Dangerous Goods * Work Zone Traffic Accommodation | Summary of Experience  Melissa joined Associated Engineering in May 2013 after completing the Civil Engineering Technology Diploma program at SIAST Palliser Campus. After working with Associated Engineering for a couple years, she decided to further her education and obtained her Bachelor of Civil Engineering. Melissa has a range of experience including RTK GPS surveying for preliminary data pickup and construction staking, material quantity control, contract administration, site monitoring and supervising, and materials testing. | |

Transportation Experience

* **Highway No.** **102-26 Construction Services, Saskatchewan Ministry of Highways and Infrastructure, Missinipe, SK:** Materials testing for the blasting, widening, and resurfacing of 27.7 km stretch the Northern Highway. Duties include materials testing and quantity monitoring and checks.
* **Highway No.** **17-07** **Construction Services, Saskatchewan Ministry of Highways and Infrastructure, Lloydminster, SK:** Road Inspector for the hot-mix overlay on a 10.44 km length of highway. Project consisted of surface mixing and compaction, milling, and overlay of the asphalt concrete surface. Duties included nuclear densities, calculating final pay adjustments, and calculating final pay items.
* **Highway No. 340-01 Construction Services, Saskatchewan Ministry of Highways and Infrastructure, Radisson, SK:** Site monitoring to ensure the deep type patches were completed in accordance to the contract. Duties include site monitoring, traffic accommodation, materials testing, quantity calculations and checks, and contractor and public relations and Occupational Health and Safety.
* **Highway No.16-20** **Construction Services, Saskatchewan Ministry of Highways and Infrastructure, Clavet, SK:** Materials testing and surveying for the new construction for the dividing of highway No. 16 near Clavet. Duties also include traffic accommodation, site monitoring, record keeping, and quantity calculations and checks.
* **Highway No.** **2-20 South Construction Services, Saskatchewan Ministry of Highways and Infrastructure, Prince Albert, SK:** Materials testing for the hot-mix overlay on a 17.76 km length of highway. Project consisted of milling and overlay of the asphalt concrete surface, construction of the surfacing structure of intersection treatments, and installation of culverts. Duties included sieve analysis and site supervision during night shift.
* **Highway No. 48-03 Construction Services, Saskatchewan Ministry of Highways and Infrastructure, Kennedy SK:** Surveyor for the construction administration and minor design engineering on Highway No. 48 from its junction with Highway No. 9 to 25.60 km west of its junction with Highway No. 9; for a total distance of 25.60 km and for the production and stockpiling of aggregate near Kennedy. Duties included construction surveys, record keeping, quantity calculations and checks, calculating final volumes using CAiCE, contractor and public relations and Occupational Health and Safety.
* **Highway No. 7-02 Design, Saskatchewan Ministry of Highways and Infrastructure, Vanscoy, SK:** Materials testing on a 24.6 km long highway twinning project. Other duties include surveying and flagging.
* **Highway No.** **40-02/03 Surfacing Construction Services, Saskatchewan Ministry of Highways and Infrastructure, Hafford, SK:** Post construction for the hot-mix overlay on a 14.56 km length of highway. The project consisted of surface mixing and compaction, milling, and overlay of the asphalt concrete surface. Duties included checking calculations for final pay adjustments and checking calculations for final pay items.
* **Southern Region Surface Patching, Saskatchewan Ministry of Highways and Infrastructure, Yorkton, SK:** Site monitoring to ensure surface patching was completed in accordance to the contract. Duties include traffic accommodation, record keeping, and quantity calculations and checks.
* **Highway 45-04 Construction Services, Saskatchewan Ministry of Highways and Transportation, Delisle, SK:** Surveyor for granular strengthening and side slope improvements of 11.4 km of highway. Duties include surveying, traffic accommodation, calculations for final pay items, and calculating final pay adjustments.

Hydraulic Experience

* **Southern Region Culvert Replacement, Saskatchewan Ministry of Highways and Infrastructure, Southern Region of Saskatchewan:** Site supervising of the decommissioning and replacement of culverts through the method of boring. Duties include site supervising, traffic accommodation, record keeping, drainage survey, quantity calculations and checks, contractor and public relations and Occupational Health and Safety.

**Infrastructure Experience**

* **Highway No 9-09. Bridge Replacement, Saskatchewan Ministry of Highways and Infrastructure, Yorkton Creek, SK:** Site monitoring to ensure the old concrete pier is removed to ground elevation. Duties include ensuring that the pier is properly removed in accordance with the environmental permits

**Traffic Experience**

* **Traffic Count for Husky upgrader in Lloydminster, SK**: Duties include data collection through methods of a traffic count and data processing.