

David's job is akin to assembling a jigsaw puzzle. As a project manager with the community development team, he first looks at a project and foresees what the end result will look like. From there, he fits all aspects of the development process together—understanding the different sites and piecing it together with the right technical experts. He is a specialist in project delivery and management integrated service and leads multidisciplinary and multi-office projects from the Stantec Calgary office.

David's international work experience in Australia, Asia, and North America—in a variety of sectors—has provided him with an understanding of how success is achieved on different projects with different people. The lessons learned have allowed him to gauge what's needed for a comprehensive plan, and his open mindset and ability to source the appropriate talent brings a fresh perspective for his clients.

David has managed and been involved in a wide range of planning and development projects internationally, covering a range of phases including acquisition and due diligence, concept design and master planning, development approval, detailed design and construction preparation, environmental assessment and community consultation.

Top 3 Most Relevant Projects

- Keyano College Clearwater Campus Development Master Plan, Fort McMurray, Alberta
- Saline Creek Areas Structure Plan, Fort McMurray, Alberta
- Keswick Neighbourhood Structure Plan, Edmonton, Alberta

EDUCATION

Project Management Professional (PMP), Project Management Institute, Calgary, Alberta, 2016

Bachelor Regional & Town Planning (Hons), University of Queensland, Queensland, Queensland, 2007

REGISTRATIONS

Project Management Professional (PMP)®, Canadian Institute of Planners

AWARDS

2008 High Distinction on Honours Thesis - Land use Mitigation Strategies for Storm Surge Risk in South East Queensland

2009 Planning - Institute Australia (PIA) - Merit Award

PROJECT EXPERIENCE

Feasibility Studies and Functional Planning

Penang Integrated mixed Use Structure Plan (EDI Singapore), Penang, Malaysia (Consultant)
Consultant engaged by EDIS to undertake preliminary investigation and conceptual land development layout for integrated mixed use development site (200ha, including industrial uses) at Penang, Malaysia.

Defense Estate Consolidation Plan*, Australia (Senior Consultant)

Senior Consultant for planning and feasibility for the Australian Department of Defense which looked at strategically aligning the Defense Estate (over 30 bases were investigated) for the Defense White Paper. Responsible for coordinating inputs from large project team (>50 people) spread over multiple cities and consultant groups and involving classified materials and aggressive timeframes.

* denotes projects completed with other firms

**Caboolture & Strathpine Gateway Land Use
Economic Assessment, Moreton Bay Regional
Council*, Moreton Bay, Australia**

Formed with Jones Lang LaSalle and development advisory group Epicon to establish a project team capable of testing the feasibility and suitability of strategic plans prepared by Moreton Bay Regional Council (Australia). The project team used a unique 3-D modeling program developed in-house, which allows the user to input property details, building information and development costs to test the feasibility of a development or development area. I was responsible for running the 3-D modeling program, preparing relevant land use assessments, managing the project team and preparing the final reports and feasibility outcomes.

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**North West Brisbane Transportation Corridor
Strategic Planning Study*, North West Brisbane,
Alberta (Planning Lead)**

Planning Lead for the preparation and delivery of the Study for the Department of Transport and Main Roads. The purpose of this study was to achieve land use and transport integration of the future corridor with the surrounding locality, with a focus on best practice urban design outcomes.

Real Estate Development

**Real Estate & Development Management,
Calgary, Alberta (Project Manager)**

Managed a large project team (>20 personnel) of planners, designers, engineers and technical personnel in the master planning and design of unique urban development precincts in Southwest Calgary (1,200 ac). This project involved development of a servicing strategy balancing standards of service with upfront capital expenditure and ongoing operational management requirements.

**Calgary Green Line Rail Maintenance & Storage
Facility, Calgary, Alberta (Development Lead)**

Management of the design and development approval for a 30 ha maintenance facility required for the Green Line LRT project in Calgary. This project involves involvement of Stantec staff from several offices throughout North America.

**Glacier Ridge Greenfield Development , Calgary,
Alberta (Project Manager)**

Leading the design and approval for a 64 ha new community in northern Calgary for Qualico. In addition to the preparation of an Outline Plan, the project has involved navigation of the City of Calgary's business case process (currently 18 plus months) to obtain growth management approval.

** denotes projects completed with other firms*

Planning, Landscape & Design Program and Project Management, Calgary, Alberta (Project Manager)

Leading the design and approval for a 64 ha new community in northern Calgary for Qualico. In addition to the preparation of an Outline Plan, the project has involved navigation of the City of Calgary's business case process (currently 18 plus months) to obtain growth management approval.

High Rise Redevelopment Projects, Calgary, Alberta (Project Manager)

Project Manager for design and approvals of multiple inner city and high-rise developments within Calgary, including 500 Block by Hines (under construction), Beltline 1520 by Grosvenor (scheduled for construction), and Glenmore & Macleod by Glenmac (application submitted).

Coolum Beach Mixed Use Development, Sunshine Coast (Senior Planner)

Major redevelopment of Coolum Beach Shopping Complex (\$30 million), involving redevelopment of the existing Coolum Beach Hotel into an integrated mixed use complex overlooking Coolum Beach.

The Coolum Beach area is generally anti-development, with a highly active and critical Council and resident base, and several well-organized community groups. The project therefore involved significant public engagement and involvement, requiring a considered design and patient approval process to gain support and development approval.

Australian Leisure & Hospitality Group Retail Developments, Australia (Principal Planning Advisor & Project Manager)

ALH is Australia's largest hotel and liquor retailer, with over 500 retail, hotel and mixed use sites throughout Australia. I was ALH's principal advisor for planning and development related matters to guide acquisition, redevelopment, approvals and new development strategies for development projects, involving more than 100 hotel and retail projects. This included the rollout of Dan Murphy's bulk liquor stores (1,200-1,500 m2 GFA), which largely involved redevelopment of existing retail and commercial sites.

Cove Communities, Western, Canada (Project Manager)

Project Manager for several redevelopment and improvement projects for modular home communities across Western Canada, coordinating from concept design through to construction.

Keyano College Clearwater Campus Development Master Plan*, Fort McMurray, Alberta (Facilitator)

Led facilitation of College's master plan for its downtown campus in Fort McMurray through preparation of site specific district and associated design provisions.

The site specific district addressed several urban design and master planning outcomes for the campus, including permitted uses, site provisions, built form regulations, architectural elements, parking, access, and movement.

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** denotes projects completed with other firms*

Wilsonton Shopping Centre Redevelopment*, Toowoomba, Australia

Preparation of long term development concept and design and approval of major redevelopment and expansion of 6 ha/15 acre shopping centre in Toowoomba, Australia.

Redevelopment plans required an innovative approval strategy that prevented the development from significant delays and negotiated an approval with a restrictive municipality.

Rosenthal Mixed Use Community*, Edmonton, Alberta (Planner)

Planning Lead for 200 ha mixed use community in Edmonton.

The community involves low and medium density residential, an urban village, two schools, district park and a feature stormwater management facility.

Design and approvals were required to respond to several significant constraints, including former oil and gas infrastructure and urban and transport infrastructure upgrades.

Keswick - Neighbourhood Structure Plan*, Edmonton, Alberta (Planner)

Master planning and approvals for the 370 ha project, including amendment to the existing NSP. The amendment was undertaken on behalf of a number of landowners and involved amendments to the road network, land use mix and layout, school and park provision, and servicing.

Maple Ridge Industrial , Edmonton, Alberta

Design and planning/environmental approvals for 100ha industrial subdivision in southeast Edmonton. As the first development in the growth industrial area, the Project required resolution of multiple constraints, including significant offsite infrastructure and servicing requirements, environmental approvals and presence of wetlands, as well as a creative approval strategy.

Dakabin Mixed Industry & Business Area* (Planning Lead)

Planning Lead, coordinating a large land development team from concept design through to development approval and preparation of the site for construction for the 50ha mixed industry and business area.

The project involved resolution of several significant constraints, including traffic, acoustic, engineering, environmental and community opposition, and the presence of an adjoining landfill facility

Mazda National Storage Facility, Brisbane, Australia (Lead Consultant)

Lead consultant and project manager in assisting Mazda find a suitable industrial site for their new Vehicle Storage Facility (1,800+vehicles), including advising on design and approval strategy and reviewing construction timeframes and budgets of proponent proposed sites.

Asahi Beverages Manufacturing Facility, Brisbane, Australia (Project Manager)

Managed the redevelopment process of a beverage manufacturing facility (including development approvals), whilst addressing several planning breaches and allowing client to avoid local authority legal action.

** denotes projects completed with other firms*

**Waterfront Plaza Ground Floor Redevelopment,
Brisbane, Australia**

Redevelopment of the ground floor and external areas of a \$300m commercial office tower in the heart of Brisbane's CBD. The project was unique in the fact the design and approval needed to address issues associated with glass panes falling from the building (i.e. safety, risk management), as well as urban design and streetscape, due to its prominent location adjacent the Brisbane River.

**Keswick Neighbourhood Structure Plan,
Edmonton, Alberta (Master Planner)**

Master planning and approvals for the 370 ha project, including amendment to the existing NSP. The amendment was undertaken on behalf of a number of landowners and involved amendments to the road network, land use mix and layout, school and park provision, and servicing.

**Rosenthal Mixed Use Community, Edmonton,
Alberta (Planning Lead)**

Planning Lead for 200 ha mixed use community in Edmonton.

The community involves low and medium density residential, an urban village, two schools, district park and a feature stormwater management facility.

Design and approvals were required to respond to several significant constraints, including former oil and gas infrastructure and urban and transport infrastructure upgrades.

Master Planning

**Saline Creek Structure Plans*, Fort McMurray,
Alberta (Master Planner)**

Master planning and approvals for the 265 ha project, including finalization of the Keyano Outline Plan. The Lands are designed to incorporate a vibrant town centre with commercial and residential uses, schools and recreation centre, and a regional commercial centre.

Keyano College is a major land holder in the area, which will eventually be developed with an ultimate population of approximately 22,000.

Other planning tasks include managing subdivision and rezoning approvals. Other Planning tasks include managing subdivision and rezoning approvals.

PUBLICATIONS

Land Use Mitigation Strategies for Storm Surge Risk in South East Queensland, 2008.

Research and Teaching - Comparative Infrastructure Changes Study, 2009.

** denotes projects completed with other firms*

Gordon is a registered professional planner with 12 years with projects spanning throughout Alberta to and the Yukon. Gordon specializes in urban design and land development for a variety of private, municipal and First Nations clients. His portfolio includes a diverse range of projects, from small-scale rezoning and subdivision projects, neighborhood plans, policy and redevelopment plans, to regional planning projects, as well as neighborhood landscape. Gordon's planning projects can be seen throughout central Alberta in residential neighborhoods, commercial lands, and industrial development.

As a Lead Planner, he oversees all stages of the planning process from background research to implementation. His research and analytical strengths are in the areas of land use and development opportunities and constraints, housing needs, and economic development. Through design, visioning and implementation; Gordon's focus is always to create great communities no matter the size.

Gordon is a graduate of the University of Saskatchewan in Regional and Urban Development and also completed Landscape Architectural Technology from NAIT. He is an accredited member of the Canadian Institute of Planners.

Top 3 Most Relevant Projects

- Parsons Creek, Fort McMurray, Alberta
- Town of Blackfalds Downtown Revitalization Plan, Blackfalds, Alberta
- Town of Blackfalds Architectural Design Guidelines, Blackfalds, Alberta

EDUCATION

Bachelor of Regional and Urban Development,
University of Saskatchewan, Saskatoon,
Saskatchewan, 2005

Landscape Architecture Technology Diploma,
Northern Alberta Institute of Technology,
Edmonton, Alberta, 2007

CERTIFICATIONS & TRAINING

Envision Sustainability Professional, Institute for
Sustainable Infrastructure, Red Deer, Alberta,
2016

REGISTRATIONS

Registered Professional Planner, Canadian
Institute of Planners

MEMBERSHIPS

Full Member, Alberta Professional Planners
Institute

Full Member, Canadian Institute of Planners

Member, Alberta Association of Landscape
Architects

PROJECT EXPERIENCE

Official Plans and Policy Planning

County of Woodlands/Town of Whitecourt
Intermunicipal Development Plan, County of
Woodland, Town of Whitecourt, Alberta

Land Development Planning / Design

Parsons Creek Development, Fort McMurray,
Alberta (Planner)

Ryders Ridge, Sylvan Lake, Alberta

Timber Ridge Area Structure Plan, Red Deer, Alberta

Piper Creek, Red Deer County, AB

Involved with the planning and design for a 70 acre planned mixed Industrial Site.

HOM/Hulbert Area Structure Plan, Red Deer, AB

Involved with the planning and urban design for Melcor's 320 acre subdivision in Red Deer.

Energy Park, Red Deer County, AB

Involved with the planning and design for an 80 acre planned mixed Industrial Site.

Lacombe Industrial, Lacombe, AB

Involved with the planning and design for a 160 acre planned Industrial Site.

Wetaskiwin Hills Estate, Wetaskiwin, AB

Involved with the planning and urban design for a 250 acre planned community in Wetaskiwin. This development was located within the City and County of Wetaskiwin.

The Highlands, Olds, Alberta

Involved with the planning and urban design for a 160 acre planned community in Olds.

Chinook Meadows, Olds, AB

Involved with the planning and urban design for a 320 acre planned community in Olds complete with a 30+ acre town centre.

Davey Lake, Red Deer County, AB

Involved with the planning and urban design for a 400+acre lake front residential development. This development is planned to be a green community by utilizing several sustainable techniques. Special consideration for the interface between the lake and development has been explored with a focus on enhancing the quality of the lake a guiding principle for this development.

Aspen Rise, Gull Lake, AB

Involved with the planning and urban design for a lake front residential development.

Millers Meadows, Olds, AB

Involved with the planning and urban design for a 600+ lots subdivision in the Town of Olds. The design of this project created a need for the town of Olds to create two unique land use bylaws to allow some of the innovative and affordable homes. Stantec assisted the Town in creating bylaws for a narrow lot product as well as mixed use commercial.

Hagerman, Sylvan Lake, AB

Involved with the planning and urban design for Melcor's 160 acre subdivision on the south side of Sylvan Lake, project includes a 10+ acre of a town centre type development.

McKay Ridge, Blackfalds, AB

Involved in planning and urban design for 160 acres subdivision in Blackfalds.

Lacombe / Blackfalds Urban Corridor Joint Area Structure Plan, County of Lacombe, Alberta

Involved with the long range planning for this tri-municipal ASP between Lacombe County and the Towns of Blackfalds, and Lacombe. The Plan area has been envisioned as urban expansion for the two towns, one already "city" sized at a population of over 10,000. This project has included a 2 day design charette where municipal administration, elected officials, and property owners were invited to help with the planning for the Area.

Master Planning / Urban Design

Parsons Creek Design Guidelines, Fort McMurray, Alberta

Parsons Creek Urban Design Plan, Fort McMurray, Alberta

Town of Blackfalds Downtown Architectural Guidelines, Blackfalds, Alberta

Town of Blackfalds Downtown Revitalization Plan, Blackfalds, Alberta

Landscape Architecture

Jackpot Casino Parking Lot Design, Red Deer, Alberta

Aspen Lakes, Blackfalds, Alberta

Involved with the conceptual and detail design for this residential development.

Hawkridge Estates, Penhold, Alberta

Involved with the conceptual and detail design for this residential development.

Vanier Woods, Red Deer, Alberta

Involved with the conceptual and detail design for this residential development.

Springbrook, Red Deer County, Alberta

Involved with the conceptual and detail design for this residential development.

Clearview North, Red Deer, Alberta

Involved with the conceptual and detail design for this residential development.

Cottonwood Meadows, Blackfalds, Alberta

Involved with the conceptual and detail design for this residential development.

Ironstone, Red Deer, Alberta

Involved with the conceptual and detail design for this residential development.

Recreation Master Planning and Development

Boomtown Trail Campground Design Guidelines, Various, Alberta

Atlas Coal Mine Master Plan, East Coulee, Alberta

Brenda Webster Tweel BA, BEDS, MA Arch, MRAIC

Senior Associate, Urban Places Group

A champion for urban renewal with solid international experience, Brenda works closely with infrastructure, financial, and government teams. She integrates technical foundations in landscape architecture, architecture and urban design to build resilient solutions. With over 20 years' experience in leading urban designs and master plans, Brenda has an exceptionally strong record for designing large, complex, multi-stakeholder projects. She has nurtured an extensive network of design advocates in business, government, and academia and is an inspirational speaker. Before joining Stantec in 2017 she planned and designed the revitalization of Toronto's Waterfront. She has taught at the Daniels School of Architecture and has had great success with taking a studio approach to civic engagement. She gains understanding of community needs through iterative observations and conversations, tests the ideas through collaboration, and delivers solutions embedded in community governance.

Top 3 Most Relevant Projects

- City of Lethbridge Civic Common Master Plan, Lethbridge, Alberta
- City of Waterloo Uptown Public Realm Strategy, City of Waterloo, Ontario
- Downtown Orillia Streetscape Improvement Concept Plan, City of Orillia, Ontario

EDUCATION

Master of Architecture, RAIC Medal, Dalhousie School of Architecture, Halifax, Nova Scotia, 1988

2010 Institute of Transportation Engineers, Transportation Achievement Award, Keating Channel Precinct Municipal Class EA Transit EA

MEMBERSHIPS

Member, Royal Architectural Institute of Canada

2011 OPPI Excellence in Planning Award for the Lower Don Lands Framework Plan, Lower Don Lands

AWARDS

2008 Royal Architectural Institute of Canada, Sustainable Development Award, Lower Don Lands

1988 RAIC Student Medal

2007 City of Toronto, Urban Design Award, Portlands Estuary: Lower Don Lands

2009 BEX International, with World Green Building Council: Best Futuristic Design, Keating Channel Precinct Plan

2010 American Institute of Architects, Award of Merit, Keating Channel Precinct Plan

PROJECT EXPERIENCE

Municipal Master Planning

City of Lethbridge Civic Common Master Plan, Lethbridge, Alberta (Urban Designer and Project Manager)

Project Manager, Urban Designer, Design Engagement with City Council, Project Plan and Document Design Direction. The City of Lethbridge was looking for a envisioning a sustainable and inclusive reframe of the Civic Common. Our master planning of the civic buildings, community programming and public realm transforms the site into an urban destination that puts people first.

** denotes projects completed with other firms*

Brenda Webster Tweel

BA, BEDS, MA Arch, MRAIC

Senior Associate, Urban Places Group

The design shifts the site and the city from a focus on cars to a focus on cycling, walking, strolling and socializing in the Civic Common at the heart of the city.

Urban Design

City of Waterloo Uptown Public Realm Strategy, City of Waterloo, Ontario (Manager of Planning and Urban Design)

Project Lead with responsibility of Project Management and Urban Design Direction. The focus of the project is to set a strategy for the Urban Design of Uptown Waterloo which a strategic growth node in Southern Ontario. Uptown has three new LRT Stations which act as agents for urbanism. Each transit area hub is the keystone of three priority initiatives: a linear park, a shared street and a regeneration of a cultural heritage and infrastructure landscape hidden in plain sight. The project uses future proofed outcome-based design strategies that invite a sustainable approach to the development of Uptown Waterloo.

Urban Planning & Design

Keating Channel Precinct Plan, Zoning By Laws, Official Plan Amendment*, Toronto, Ontario (Manager of Planning and Design)

My role on this project was to manage the development of form-based codes and sustainable urban design guidelines that received an award of merit from the American Institute of Architects. The Precinct Plan emphasized the creation of a vital new mixed-use urban setting well served by transit and significant new parkland.

I managed the ecosystem of stakeholders, consultants and city officials. To bring everyone to consensus we demonstrate that development can be appropriately accommodated through a fine grain of streets and development blocks which provide connectivity to the surrounding open space network. This synthetic approach to planning supports the overarching sustainability goals for the project and the aspirations for the City of Toronto.

Landscape Architecture - Master Planning

Downtown Orillia Streetscape Improvement Concept Plan, City of Orillia, Ontario (Urban Design and Engagement Strategy)

Urban Design and Engagement Strategy for the Streetscape Concept Plan for the City of Orillia. This is a fast moving project that integrates Urban Design, Mobility Design and Landscape Architecture. I am directing a small integrated design team of urban designers, mobility experts, arborists and landscape architects. This ecosystem of designers works swiftly together to deliver a fresh approach to streetscapes for the City of Orillia. The privileged setting of the town at the ridge of a lake makes this design exercise rich with opportunities. The search for a between views of land and water and between spaces for pedestrians, cyclists and drivers demands a clear vision and emphasis in all aspects on design excellence.

** denotes projects completed with other firms*

Brenda Webster Tweel

BA, BEDS, MA Arch, MRAIC

Senior Associate, Urban Places Group

Visioning, Engagement, Education

Imagine Don River Valley Park : Innovation in Engagement and Urban Design*, Toronto, Ontario (Project Leader and Design Director)

Rolled out a strategy for envisioning the Lower Don River Ravine as a central park strategy. The project took a trajectory that began with consultation and ended with a comprehensive vision. I designed a process to integrate all stakeholders in a fast paced hybrid competition consultation format. All participants joined in a charrette that allowed them to collaborate in real time design.

Parks Master Planning and Development

Promontory Park, Villier's Island, Lower Don Lands*, Toronto, Ontario (Manager of Planning and Design)

Directed and reviewed, all stages of development to ensure the highest level of design excellence, with an emphasis on creating comfortable microclimates through strategic sculpting of the landforms.

COMMUNITY INVOLVEMENT

Art and Architecture Committee, Evergreen Brickworks (EB), Toronto, Ontario, Canada 2015 - Present

Member of the Board, The First Schoolhouse (ETSH), Toronto, Ontario 2010 _ Present

Jury Member, Architectural Advisory (Trinity College), Toronto, Ontario 2018_Present

Urban Design Advisory, Building Committee (Trinity College), Toronto, Ontario 2018_Present

PUBLICATIONS

'The Promise of Toronto's Waterfront'. Tomorrow's City Infrastructure Forum, City of London UK, 2014.

Portlands Estuary: The Waterfront Toronto Experience. Inaugural Global Estuaries Forum, 2014.

PRESENTATIONS

Room for the River: Waterfront Toronto's biggest move. *Global Estuaries Forum*, 2015.

Tactical Urbanism. *Waterloo Public Realm Forum*, 2018.

* denotes projects completed with other firms

Claire Woodside M.Pl., RPP, MCIP

Planning Team Lead and Senior Planner, Senior Associate

Claire is a professional planner with 10 years of experience in urban and regional land use planning. With a comprehensive understanding and strong experience of the planning process, she has successfully navigated through the approvals process in various Alberta communities. With a focus on outline plans, statutory plans, zoning, land use policy, and downtown redevelopment, she can help proactively address issues and challenges to progress development and planning applications.

Earning a Master of Planning with a focus on Land Use and Real Estate, Claire graduated from Queen's University in 2009. She also completed a Bachelor of Arts, Honours in Geography and Art History from Queen's University in 2007.

Claire has gained significant experience providing leadership and technical expertise for complex land development projects, and comprehensive planning. Committed to developing strong relationships with clients, stakeholders, municipal administration and community members, Claire seeks to actively engage and collaborate with all parties involved in the planning process.

Top 3 Most Relevant Projects

- RMWB Municipal Development Plan, Fort McMurray, Alberta*
- RMWB Land Use Bylaw, Fort McMurray, Alberta*
- RMWB Development Authority, Fort McMurray, Alberta*

**Completed while employed by the Regional Municipality of Wood Buffalo*

EDUCATION

Master of Planning, Queen's University, Master of Urban and Regional Planning, Kingston, Ontario, 2009

BA Honours Geography and Art History, Queen's University, Bachelor of Arts (Honours), Kingston, Ontario, 2007

MEMBERSHIPS

Full Member, Canadian Institute of Planners

Full Member, Alberta Professional Planners Institute

PROJECT EXPERIENCE

Municipal Development Plans

Regional Municipality of Wood Buffalo Municipal Development Plan*, Fort McMurray, Alberta (Project Team Member)

The Regional Municipality of Wood Buffalo's Municipal Development Plan advanced the field of community planning in Alberta through significant public engagement and strong synthesis of urban, rural and regional planning. As a project team member, Claire coordinated numerous public engagement sessions in the rural areas of the Regional Municipality of Wood Buffalo. Information sessions and open houses ensured a high public awareness of the project and the future direction of the community. She also contributed to the review of policies and land use concepts to ensure effective implementation of the plan.

** denotes projects completed with other firms*

Regulatory Permitting / Entitlements / Approvals

Regional Municipality of Wood Buffalo Development Authority*, Fort McMurray, Alberta (Development Authority)

As a development planner, Claire managed many concurrent applications for development permits, land use bylaw and statutory plan amendments and development agreements as the Development Authority for the Regional Municipality of Wood Buffalo. She was able to efficiently process applications subject to both traditional land use regulations as well as large redevelopment projects regulated by a form-based code. In this role, Claire developed a strong understanding of municipal planning policies, legislation, processes, and procedures as well as effective negotiation techniques.

Land Use Redesignation

Regional Municipality of Wood Buffalo Parsons Creek*, Fort McMurray, Alberta (Project Team Member)

To facilitate the development of the Parsons Creek subdivision, Claire worked with a team of planners to create a new section of the land use bylaw. A hybrid of a form-based code and traditional land use bylaw was developed to create a regulatory framework to help achieve the vision for a dynamic community designed with residential, commercial, mixed use and open space areas.

Regional Municipality of Wood Buffalo Land Use Bylaw*, Fort McMurray, Alberta (Project Team Member)

In order to simplify land use regulation, provide clarity, and implement municipal statutory plans, Claire worked as part of a team to update the Land Use Bylaw. As a lead for the commercial districts in both the urban and rural areas, Claire drafted new districts for various commercial forms using a combination of local context, best practices, and input from community stakeholders.

Saprae Creek*, Fort McMurray, Alberta (Planner)

Claire managed the land use applications for two residential developments in the Hamlet of Saprae Creek. Being a small rural community, she was required to evaluate the impact of two new subdivisions on the character of the existing Hamlet as well as engage the residents of the community in the decision making process. Claire's role was to facilitate amendments to the Municipal Development Plan, three Area Structure Plans, and the Land Use Bylaw.

Community Planning

Wood Buffalo Crime Prevention and Reduction Plan*, Fort McMurray, Alberta (Project Team Member)

As a member of the Wood Buffalo Crime Prevention Team, Claire contributed to the development of a tool kit intended for citizens to initiate crime-reducing actions in their own communities. Using the 'SafeGrowth' model Claire created a neighbourhood profile through safety audits, interviews and analysis of crime statistics. This information was then shared back to the community where residents and business owners were encouraged to implement a neighbourhood specific 'SafeGrowth' plan and continue ongoing assessment.

** denotes projects completed with other firms*

Land Use Development Planning

Glacier Ridge ASP, Calgary, Alberta (Planner)

As part of a City of Calgary's Developer Funded Area Structure Plan project, Claire worked collaboratively with City administration in the creation of the Glacier Ridge Area Structure Plan. Acting as the lead consultant for all affected landowners she worked to streamline the Area Structure Plan process to reduce timelines and allow for more collaboration between city staff, landowners and developers. Claire also participated in several design charrettes that included City Staff and client representatives.

Hillcrest Neighbourhood Structure Plan

Amendment, Airdrie, Alberta (Planner)

Claire prepared and submitted the planning application required to amend the Hillcrest Neighbourhoods Structure Plan. She worked with Administration to obtain approvals from both Airdrie Planning Commission and Airdrie City Council.

Longboat Landing*, Fort McMurray, Alberta (Planner)

As the planner for Longboat Landing, Claire was responsible for land use redesignation and Outline Plan approval for a new multi-residential community in downtown Fort McMurray. She managed the review, circulation, analysis, and approval of applications. The project also required numerous presentations to Regional Council for the initial land use redesignation as well as several updates to address changing market conditions and development patterns.

Southbow Landing Neighbourhood Plan, Cochrane, Alberta (Planner)

Southbow Landing is a complete master-planned community that is planned to be home to approximately 9,000 residents. As the lead planner, Claire has worked with the Town of Cochrane administration to develop a plan that balances residential growth with the Village Centre and Regional Employment Centre. To work towards approval of the Neighbourhood Plan, Claire assisted in discussions around transportation access; natural areas, and utility corridors.

Cornerstone Outline Plan and Land Use, Calgary, Alberta (Planner)

Claire worked with the City to complete one of the largest Outline Plans in the City of Calgary for a new community in the Northeast. Following the pilot Explore process, Cornerstone followed a collaborative process with the City. Home to Major Activity Centre, several Neighbourhood Activity Centres, a Transit Station Planning Area, and an Urban Corridor, Cornerstone is designed to be a vibrant community that balances the natural environment while providing a mix of housing and amenities for residents.

Glacier Ridge Outline Plan, Calgary, Alberta (Planner)

Claire is working with the City to develop a new community in Calgary's northwest. Glacier Ridge will celebrate the natural environment with Symons Valley and West Nose Creek acting as a focal point, Glacier Ridge will be an innovative new community for approximately 6,000 new residents.

** denotes projects completed with other firms*

Claire Woodside M.Pl., RPP, MCIP

Planning Team Lead and Senior Planner, Senior Associate

Regional Planning

Regional Municipality of Wood Buffalo Oil Sands Development Mitigation Strategy*, Fort McMurray, Alberta (Project Manager)

Rapid expansion of Alberta's oil sands industry has created growth pressure on infrastructure, service and housing in the Wood Buffalo region. Claire developed a procedure to effectively coordinate the review of Environmental Impact Assessments and the submission of Statements of Concern to the provincial government. These documents are critical in identifying the social, economic, financial and environmental impacts proposed resource development may have on the region and in negotiating mitigation strategies to reduce any adverse impact.

Rural Planning

Anzac Area Structure Plan*, Anzac, Alberta (Project Team Member)

The Hamlet of Anzac faces significant growth pressures due to its location in the Athabasca Oil Sands Area, an area containing rich deposits of oil sands. As a result, the community of approximately 800 people is projected to grow to a population between 6,000 and 8,000. Through significant public consultation, Claire built a strong relationship with members of the community. This facilitation helped residents understand the impacts of such dramatic growth and provided them a voice in the planning of a complete community offering a range of housing choices, commercial and institutional services, and a vibrant core.

** denotes projects completed with other firms*

Sylvia is a professional planner with over 13 years of experience. During the course of her planning career Sylvia has contributed to numerous award-winning urban and rural planning projects in a variety of ways, including project management, research and analysis, community consultation, policy review and development, and creating long range planning documents and direct control provisions for infill rezoning applications.

In her role as lead project planner on many projects with municipalities throughout the province, she has acquired solid experience in municipal land use planning including: the development of intermunicipal development plans, municipal development plans, land use bylaws, growth strategies, area structure plans and annexation applications that reflect the local context and values of the communities being planned for.

Sylvia has also been the lead project planner working with multi-disciplinary teams on a number of major infill projects in Edmonton, many of which have been recognized with awards for their leading-edge development concepts and urban design features. These infill projects have focused on the redevelopment of large greyfield or brownfield sites into mixed-use transient oriented neighbourhoods that are designed to be people-friendly, diverse and sustainable. Sylvia has considerable experience consulting with municipal and community stakeholders to reach consensus on development concepts and to develop innovative zoning regulations.

Top 3 Most Relevant Projects

- Downtown North Edge Plan and Design Guidelines, Edmonton, Alberta
- West Rosssdale Urban Design Plan, Edmonton, Alberta
- Quarters Downtown Community Revitalization Levy Area Plan, Edmonton, Alberta

EDUCATION

Certificate in Public Participation, International Association for Public Participation, Edmonton, Alberta, 2013

Bachelor of Arts, Anthropology (Honours with Highest Distinction), Carleton University, Ottawa, Ontario, 1998

Masters of Science in Planning, University of Guelph, Guelph, Ontario, 2003

REGISTRATIONS

Professional Planner, Canadian Institute of Planners

Professional Planner, Alberta Professional Planners Institute

AWARDS

2010 Recreation Industry Association Award of Excellence for Community Design, Recreation for Life Foundation, Strathearn Heights Redevelopment Plan

2010 National Honour Award - Planning & Analysis, Canadian Society of Landscape Architects, West Rosssdale Urban Design Plan

2009 Award of Excellence, City of Edmonton Urban Design Awards, West Rosssdale Urban Design Plan

2008 Downtown Special Achievement Award –
Planning, International Downtown Association,
Edmonton Downtown North Edge Plan

2008 National Award of Planning Excellence,
Canadian Institute of Planners, Capital Region
River Valley Park

2008 National Brownie Award for Brownfield
Redevelopment, Canadian Urban Institute, Station
Pointe

2008 Award of Merit, Alberta Association of
Canadian Institute of Planners, Strathearn Heights
Redevelopment Plan

2008 National Merit Award – Landscape
Architecture, Canadian Society of Landscape
Architects, Capital Region River Valley Park

2007 Award of Merit, City of Edmonton Urban
Design Awards, Strathearn Heights
Redevelopment Plan

2007 Merit Award, Canadian Association of
Certified Planning Technicians, Lacombe County
Residential Conservation (Cluster District)

2005 Award of Merit, Alberta Association of
Canadian Institute of Planners, Century Park

PROJECT EXPERIENCE

Land Planning

Land Use Bylaws

Sylvia has been involved in the preparation, facilitation, and project management of several Land Use Bylaws within the Province of Alberta including: The Town of Three Hills Land Use Bylaw, City of St. Alberta Land Use Bylaw, The City of Leduc Land Use Bylaw*, the City of Fort Saskatchewan Land Use Bylaw*; the Village of Ryley Land Use Bylaw*; The Lacombe County Land Use Bylaw*; and the City of Cold Lake Land Use Bylaw*.

Mixed Use/Transit*

Sylvia has been involved in the preparation, facilitation and project management of a number of mixed used, transit oriented developments around existing and future LRT stations within the City of Edmonton including: Strathearn Heights Redevelopment; Vision for the Corner (Stony Plain Road and 142); Station Pointe Urban Design Plan; Century Park; and the Downtown North Edge Study. On these projects Sylvia worked with interdisciplinary teams, other consultants and professionals to facilitate the approval processes.

** denotes projects completed with other firms*

Urban Design Plans*

Sylvia has been involved in the writing and preparation of urban design plans and associated design guidelines for the City of Edmonton. The intent of these design plans were to support the redevelopment of brownfield and underutilized areas within the City into pedestrian friendly, mixed use developments. The Plans that Sylvia participated in were the Downtown North Edge Plan and Design Guidelines; the West Rosedale Urban Design Plan; and the Station Pointe Urban Design Plan. On these projects Sylvia worked with inter-disciplinary teams, other consultants and professionals to facilitate the approval processes.

Rezoning

Sylvia has been involved in the writing, preparation, project management and facilitation of a number of projects in which site-specific direct control rezoning has been required in the Edmonton area. These redevelopments have been for pedestrian friendly, mixed-use developments. The site specific zones highlight creative solutions to address land use compatibility issues and transition, and achieve higher quality urban design and architecture. On these projects Sylvia worked with inter-disciplinary teams, other consultants and professionals to facilitate the approval processes. These projects include: The Emerald Tower Redevelopment, Mezzo Redevelopment; Windsor Terrace Redevelopment; Meridian Plaza Redevelopment; Blatchford (Blatchford West) Redevelopment; Clifton Place Redevelopment*; West Rosedale Direct Control Zoning in association with the West Rosedale Urban Design Plan*, Strathearn Heights Redevelopment*; Grandin Mall Redevelopment*; Station Pointe Direct Control Zoning in association with the Station Pointe Urban Design Plan*, Bellwether Park*, and Century Park*.

Municipal Development Plans

Sylvia has been directly involved in the design, project management, preparation, and adoption of several Municipal Development Plans within the Province of Alberta including: The Town of Three Hills Municipal Development Plan, Town of Beaumont Municipal Development Plan, the Lacombe County Municipal Development Plan*, the City of Lloydminster Municipal Development Plan*, and the Town of Stony Plain Municipal Development Plan*.

Area/ Neighbourhood Structure Plans

Sylvia has been involved in the design, preparation, facilitation and adoption of several Area/ Neighbourhood Structure Plans within the Province of Alberta including: the Horse Hill Neighbourhood 2 Neighbourhood Structure Plan, Lacombe/Blackfalds Rural Fringe Area Structure Plan*, the West Lethbridge Phase II Area Structure Plan*, and the Slave Lake South Expansion Area Structure Plan*.

Intermunicipal Development Plans

Sylvia is involved in the writing and preparation of the City of Lacombe and County of Lacombe Intermunicipal Development Plan and the Town of Bonnyville and MD of Bonnyville Intermunicipal Development Plan.

** denotes projects completed with other firms*

Annexation Applications*

Sylvia has participated in the writing and preparation of annexation applications for the Town of Stony Plain / Parkland County Annexation in 2005 and the Town of Ponoka / Ponoka County Annexation in 2011. Sylvia has participated in the preparation of a supporting growth studies; community and stakeholder consultations; coordination of other technical studies; and preparation of the applications to the Municipal Government Board.

Statutory Plan Amendments

Sylvia has been involved in the preparation, project management, negotiation and adoption of a number of amendments to statutory plans to the following areas within the City of Edmonton: The Strathcona Area Redevelopment Plan; Glenriding Heights Neighbourhood Structure Plan, the Oliver Area Redevelopment Plan; Windermere Area Structure Plan; the Groat Estate Implementation Plan*; the Rosedale Area Redevelopment Plan*; the Belvedere Area Redevelopment Plan*; the South East Area Plan*; the Kaskitayo Outline Plan*; and the Central McDougall / Queen Mary Park Area Redevelopment Plan* .

Integrated Sustainability Plans

Sylvia was involved in the preparation, facilitation, and project management of the Town of Three Hills Integrated Sustainability Plan.

Community Revitalization Levies*

Sylvia was involved in the writing and preparation of the Quarters Downtown Community Revitalization Levy Area Plan for the City of Edmonton. The purpose of the levy is to finance upgrades to utilities and the public realm to catalyze new development, as outlined in the Quarters Area Redevelopment Plan.

Regional and Community Planning

Market Research for Capital Region Housing Corporation, Edmonton, Alberta (Project Manager)

On behalf of the Capital Region Housing Corporation, located in Edmonton, Alberta, Sylvia was the project manager of an interdisciplinary team which prepared a market research/feasibility study for a site located in north east Edmonton. The study involved the formulation of a redevelopment concept plan and associated development cost analysis for the site in question.

Government of Alberta – Land Use Secretariat - Profiles and Terms of Reference for the North Saskatchewan Regional Plan, the Upper Athabasca Regional Plan, the Lower Peace Regional Plan, the Upper Peace Regional Plan, and the Lower Peace Regional Plan

Sylvia is a member of the planning team involved in the preparation of the Profiles and Terms of Reference for the North Saskatchewan Regional Plan, the Upper Athabasca Regional Plan, the Lower Peace Regional Plan, the Upper Peace Regional Plan, and the Lower Peace Regional Plan.

Government of Alberta – Oils Sands Secretariat - Comprehensive Regional Infrastructure Sustainability Plan (CRISP) for the Peace River Oil Sands Area (PROSA)

Sylvia was a member of the planning team involved in the preparation of the Peace River Oil Sands Area CRISP. The CRISP was developed as a forward-looking, scenario-based plan to address incremental infrastructure and land requirements that have the inherent flexibility to be implemented at a pace that will match economic development. The development of the CRISP linked and supported regional planning under the Land-use Framework.

** denotes projects completed with other firms*

Sylvia Summers MSc, RPP, MCIP

Associate

Capital Region River Valley Park's Plan of Action*

The Capital Region River Valley Park's Plan of Action reflects the vision of the seven river valley alliance municipalities to protect and enhance the Capital Region's river valley and turn it into one of the best and largest integrated metropolitan parks in North America. Sylvia's participation in the development of the Plan was to undertake best practices land securement research, land use policy reviews for the seven participating municipalities and stakeholder consultation.

PUBLICATIONS

Alberta Development Officer Association
Conference, 2010.

** denotes projects completed with other firms*

Amanda is a Professional Planner who divides time between planning and public consultation delivered throughout Alberta and Yukon. With an excellent attention to detail, organization, and creative thinking; Amanda excels at translating design and visionary aspects of projects at Stantec for clients, stakeholders, and the public by way of descriptive documents and presentations.

Amanda views every project as unique and has designed many different consultation exercises to be reflective of clients' and stakeholders' specific needs including: age-specific activities for youth, personal interviews with business owners, confidential stakeholder meetings in highly-emotional settings, generalized public information sessions, and hands-on Council workshops to name a few. Amanda has experience working with private, provincial, municipal, and First Nations clients.

Recently Amanda has been gaining experience outside of Alberta by working in several communities in northern Canada including: Pelly Crossing, Whitehorse, and Dawson City Yukon. Applying existing expertise in locations with unfamiliar legislation, opportunities, and challenges has provided Amanda with exciting opportunities to expand her knowledge base and strengthen her professional portfolio.

Top 3 Most Relevant Projects

- Parsons Creek (Engagement), Fort McMurray, Alberta
- Franklin Avenue Sidewalk Rehabilitation (Engagement), Fort McMurray, Alberta
- Town of Blackfalds Downtown Revitalization Plan (Engagement), Blackfalds, Alberta

EDUCATION

Foundations Course, International Association for Public Participation (IAP2), AB, 2011

Bachelor of Arts (Hons), Regional and Urban Planning, University of Saskatchewan, Saskatchewan, 2009

Full Member, Canadian Institute of Planners

Full Member, Alberta Professional Planners Institute

Certified Member, International Association for Public Participation

CERTIFICATIONS & TRAINING

Envision Sustainability Professional, Institute for Sustainable Infrastructure, Red Deer, AB, 2016

REGISTRATIONS

Registered Professional Planner #18901, Canadian Institute of Planners

MEMBERSHIPS

Envision Sustainability Professional, Institute for Sustainable Infrastructure, 2016/12/15

PROJECT EXPERIENCE

Aboriginal Consultation

Pelly Crossing Community Planning, Pelly Crossing, Yukon (Planner, Public Consultation)

Through the course of these projects I designed targeted public engagement activities for Chief and Council, Elders, residents at large, and youth from grades 1-12. Activities were held during the Selkirk First Nation General Assembly, stand-alone meetings, and with youth during the school day in consultation with teachers.

**North Saskatchewan River Regional Plan
Aboriginal Consultation, Various, Alberta
(Facilitator)**

Provided consultation and facilitation for various Aboriginal consultation for the North Saskatchewan River Regional Plan regarding topics including water, air, and biodiversity quality.

**O'Chiese First Nation Community Development
Plan, O'Chiese First Nation, Alberta (Planner,
Consultation Assistant)**

Assisted with a youth and Elders workshop aimed to identify opportunities and constraints for the community.

**Comprehensive Community Planning Training*,
Little Black Bear First Nation, Saskatchewan
(Public Consultation)**

Provided support to Little Black Bear by facilitating a 2-day community visioning workshop with elders, children, and others. This workshop was part of an overall training program designed to help the First Nation develop an integrated community sustainability plan for their community.

Public Participation

**Yukon's Flight Path Aviation Strategy, Various,
Yukon (Stakeholder and Public Engagement
Specialist)**

Designed a stakeholder and public engagement strategy to connect with all users of Yukon's aviation system and gather insight on future needs.

**Southern Lakes Storage Public Engagement,
Various, Yukon (Engagement Specialist)**

Designed a stakeholder and public engagement process to enhance education and gather feedback surrounding a particular water storage project tied to Yukon Energy's hydro-dam system. This process included a widely-spread communications plan, public survey, and confidential meeting process for impacted property-owners.

**Yukon Wilderness Preserve 10-Year Master Plan,
Whitehorse, Yukon (Public Engagement
Specialist)**

Designed a stakeholder and public engagement process to connect with existing partners and visitors to the Yukon Wilderness Preserve. This process included creating two separate online surveys using Survey Monkey that relied on response logic to categorize feedback.

**Bighorn Country Parks Proposal, Rocky Mountain
House, Sundre, Red Deer, Alberta (Public
Engagement Specialist)**

Provided note taking and public engagement support for stakeholder workshops and public information sessions. This project was very contentious project and included high levels of safety protocol prior-to and during events.

** denotes projects completed with other firms*

Peel Regional Planning Consultation, Various Communities, Yukon/Northwest Territories (Data management, analysis, and reporting)

Managed and analyzed all feedback received throughout the Peel Regional Plan consultation process which was comprised of: over 1,800 online survey submissions, over 1,000 formal submissions, meeting notes from eight community meetings, meeting notes from twelve stakeholder meetings, as well as government submissions. As a final deliverable, a comprehensive "What we Heard" document was compiled to report on all feedback received.

Proposed Municipal Government Act Amendments Review*, Red Deer, Alberta (Host and facilitator)

Designed, hosted, and facilitated a consultation process with local Professional Planners to review the proposed revisions to the Municipal Government Act to gather feedback from members.

Calgary Board of Education, Calgary, Alberta (Facilitator)

Facilitated talking circle discussions with parents of children impacted by new school openings. These sessions were highly emotional and combined parents with varying viewpoints.

Drumheller Flooding Consultation, Drumheller, Alberta (Communications Lead and Engagement Facilitator)

Designed and executed a consultation process to engage residents with history of past flooding to determine past experience and future flood mitigation preferences.

Franklin Avenue Sidewalk Rehabilitation, Fort McMurray, Alberta (Communications Lead)

Created a communications plan for the Franklin Avenue sidewalk rehabilitation project to inform residents and businesses of anticipated construction timelines. This information was shared via the municipality's website, mail outs, hand delivered posters, social media, and radio announcements.

Town of Blackfalds Downtown Revitalization Plan, Blackfalds, Alberta (Communications Lead and Engagement Facilitator)

Designed a consultation process to engage downtown business owners and residents at large. This process included holding one-on-one meetings, hand delivering letters, facilitating a business owner workshop and several public information sessions, and utilizing both paper and online surveys.

Lower Athabasca Regional Plan Landscape Management Plan Consultation, Calgary, Alberta (Consultation Support)

Facilitated table discussions at a workshop held to discuss the Lower Athabasca Regional Plan's Landscape Management Plan.

North Saskatchewan Regional Plan Biodiversity Framework Consultation, Edmonton, Alberta (Consultation Support)

Facilitated two workshops regarding the North Saskatchewan Regional Plan's Biodiversity Framework; this entailed facilitating table discussions with participants from a variety of backgrounds.

** denotes projects completed with other firms*

Red Deer River Basins Flood Mitigation Feasibility Study, Various, Alberta (Communications Lead and Engagement Facilitator)

Designed and lead the stakeholder engagement for this project. Scope included engaging one First Nation, over ten municipalities, several regional water commissions, various government departments, and private utility stakeholders. Over 25 meetings were held for this project during a five month span.

North Saskatchewan River Regional Plan - Phase 1 Consultation, Various, Alberta (Facilitator)

Assisted with Phase 1 of the North Saskatchewan River Region Plan's consultation. This included facilitating a stakeholder workshop.

South Saskatchewan Regional Plan - Phase 3 Consultation, Various, Alberta (Facilitator)

Assisted with Phase 3 of the SSRP's consultation. This included facilitating stakeholder workshops and public open houses to gather input in several different communities within the region.

South Saskatchewan Regional Plan - Phase 2 Consultation, Various, Alberta (Facilitator)

Assisted with Phase 2 of the SSRP's consultation. This included facilitating stakeholder workshops and public open houses to gather input in several different communities within the region.

North Saskatchewan River Park Master Plan, Rocky Mountain House, Alberta (Communications Lead and Engagement Facilitator)

Designed a public consultation plan for the redevelopment of an existing park owned by the Town. Also planned and facilitated three public consultation events including a stakeholder re-visioning workshop, public information session at a farmers' market, and final open house.

Wetaskiwin Transportation Master Plan, Wetaskiwin, Alberta (Facilitator)

Provided assistance during a visioning workshop held with stakeholders.

Red Deer Regional Airport Area Structure Plan, Red Deer County, Alberta (Communications Lead and Engagement Facilitator)

Designed a consultation process to airport stakeholders including large businesses, long-term hobbyist users, adjacent residents, and the Airport Board. This process included holding one-on-one meetings with airport users, delivering letters to surrounding residents, and facilitating a public information session.

Master Planning / Urban Design

Town of Blackfalds Downtown Architectural Guidelines, Blackfalds, Alberta (Planner, Project Assistant)

Created a set of architectural guidelines for both private buildings and the public streetscape as a continuation of the Downtown Revitalization Plan.

Town of Blackfalds Downtown Revitalization Plan, Blackfalds, Alberta (Planner, Project Assistant)

Acted as the Project Assistant for the creation of a Downtown Revitalization Plan for the Town of Blackfalds. Assistance included helping in the creation of the Plan, acting as client liaison, and helping with the public consultation process.

Parsons Creek Design Guidelines, Fort McMurray, Alberta (Planner)

Created a set of design guidelines to guide developers, builders, architects, engineers, and owners in the design, development, and construction of projects within the Parsons Creek community

Policy Planning

Town of Blackfalds Land Demand Projections, Blackfalds, Alberta (Planner)

Completed land demand projections for residential, commercial, and industrial lands to prepare the Town for future growth. This information was based on population projections used to support the Town's Intermunicipal Development Plan.

Dawson City Official Community Plan and Zoning Bylaw Update, Dawson City, Yukon (Planner, Project Assistant, Public Consultation)

Amanda is the lead planner for the update of Dawson City's Official Community Plan and Zoning Bylaw. She is assisting the Project Manager with project organization, scheduling, and administration as well as designing and facilitating public consultation processes with the community.

Town of Three Hills Land Use Bylaw Plan, Three Hills, Alberta (Planner)

Worked on a small team to review and revise the Town of Three Hills's Land Use Bylaw. After having reviewed the existing bylaw and researching alternative solutions; we worked collaboratively with the Town's administration and Council to review each proposed policy and illustrate its potential future impacts.

Town of Three Hills Municipal Development Plan, Three Hills, Alberta (Planner)

Worked on a small team to complete the Town of Three Hills's first ever Municipal Development Plan. Building off past information prepared, we worked collaboratively with the Town's administration and Council to create a guiding document that accurately reflected residents' future vision for the Town.

Land Use Planning

Parsons Creek Phase Two, Fort McMurray, Alberta (Planner)

Created an Outline Plan for the development of a 463ac masterplanned community. Also involved in the public consultation process including three public engagement sessions.

Parsons Creek Urban Design Plan, Fort McMurray, Alberta (Planner)

Created the Parsons Creek Urban Design Plan to outline and guide the overall development of Parsons Creek and phases within the 2014ac community.

Parsons Creek Phase One, Fort McMurray, Alberta (Planner)

Created an Outline Plan for the development of a 521ac masterplanned community. Also involved in the public consultation process including three public engagement sessions.

COMMUNITY INVOLVEMENT

Events Chair, Alberta Professional Planners Institute (APPI), Red Deer, Alberta, Canada 2012-2018

Volunteer, 2019 Canada Winter Games Committee (CWG), Red Deer, Alberta, Canada 2018

SHAWN R. WILLIAMS, DIPL.PL

CED MANAGING PRINCIPAL

Shawn's work with leading architectural, engineering and planning firms links regional economic strategy to neighborhood-scale community design for transformative results. He has worked on several industry-recognized projects in North America, and abroad, and has led the creation of award-winning projects more recently.

Shawn's work has led to the creation of workforce development programs helping communities foster economic growth. In 2017 he led the creation of a innovation hub master plan which has since received \$2 million dollars in funding for autonomous vehicles research and development as part of a wider economic revitalization strategy.

shawnwilliams@cityeconomicsanddesign.com
cell: 1-604-440-7415
mail: 319 W. Hastings Street, Suite #400
Vancouver, BC, V6B 1H6, Canada

SELECT PLANNING + DEVELOPMENT EXPERIENCE*

Atlanta Aerotropolis Blueprint, Atlanta, GA
Aerotropolis Master Plan, Ekurhuleni (Johannesburg), S. Africa
Charlotte Douglas Int'l Airport Area Strategic Dev't Plan, Charlotte, NC,
Exploring the Winnipeg Economic Opportunity, Winnipeg, MB
Memphis Aerotropolis Real Estate Analysis, Memphis, TN
PTC Innovation Hub Master Plan, Peachtree Corners, GA
Sakimay First Nations Market Analysis East Lands, Regina, SK
Sakimay First Nations Market Analysis West Lands, Regina, SK
Sylvan Lake Retail Gap Analysis Phase 1 & 2, Sylvan Lake, AB
The Towns', Real Estate Market Analysis, Regina, SK
Virginia Beach Dome Site Strategy, Virginia Beach, VA
Waterford Station Real Estate Strategy, Sylvan, Lake, AB
Westerra, Real Estate Market Analysis, Regina, SK
Winnipeg Int'l Airport Comm. Dev't Strategy, Winnipeg, MB

SPEAKING ENGAGEMENTS + PANEL DISCUSSIONS

Aerotropolis Atlanta Master Plan ULI Technical Panel Discussion (2017):

- Panel participant on implementation of previously created Aerotropolis Atlanta Blueprint Master Plan.

Best Practices and Memorandum in Airport Area Planning (2017):

- Invited as participant to round table discussion of planners from across the globe to discuss best practices in Airport Area Planning in Atlanta, Georgia, hosted by the Atlanta Regional Commission.

AWARDS + RECOGNITION

City of Peachtree Corners Innovation Hub Master Plan - 2018 American Planning Association - Georgia Chapter (GPA):

- Led a collaborative and focused project team for strategy that was awarded "Outstanding Initiative" by the GPA.

EDUCATION + TRAINING

Diploma of Applied Urban and Rural Planning - Langara College
General Studies - Kwantlen Polytechnic University College

*Experience includes management of projects prior to the founding of CED.

Chris's area of practice is evenly split between urban land planning and landscape architecture and 25 years of experience in creating great environments in a variety of locations. With a strong focus on design, he has provided strategic direction to our many clients as well as led multi-disciplinary teams. Mr. Jennings brings a unique approach to projects and an ability to effectively articulate both planning concepts and landscape designs within a comprehensive systems context. This mix of experience will allow Chris to help the City of Calgary envision the full potential and integration of this project into the greater public realm within the city – all with an eye to what is creatively possible at final build-out.

In addition to project responsibilities Chris is the Geographic Discipline Lead for urban design and Landscape Architecture for the Mountain Region and one of the few International Council of Shopping Centers certified retail designers within Canada. He has been asked to present at national conferences and has been published in a variety of media outlets.

Top 3 Most Relevant Projects

- Parsons Creek, Fort McMurray, Alberta
- Town of Blackfalds Downtown Revitalization Plan, Blackfalds, Alberta
- Lacombe Downtown Planning and Design, Lacombe, Alberta

EDUCATION

BLA, Bachelor of Landscape Architecture, Kansas State University, Manhattan, Kansas, 1993

REGISTRATIONS

Landscape Architect #2883, (CLARB), Council of Landscape Architectural Registration Boards

Landscape Architect #05-009, Canadian Society of Landscape Architects

Landscape Architect #210, Alberta Association of Landscape Architects

Registered Landscape Architect #33599, State of Arizona

MEMBERSHIPS

Member, International Council of Shopping Centers

(CLARB), Council of Landscape Architectural Registration Boards

Member, American Society of Landscape Architects

Alberta Association of Landscape Architects

Canadian Society of Landscape Architects

Registered Landscape Architect, State of Arizona

PROJECT EXPERIENCE

Urban Design

Downtown Revitalization

Chris has a knack for understanding the commercial, retail, and historical significance of a particular site. He has experience in creating character and themed areas through landscape architecture and urban design with an eye towards understanding infrastructure and transportation systems requirements. With proficiency for identifying needs through public workshop facilitation, Chris ensures the final product meets the needs of all users.

Relevant Projects:

- Blackfalds Downtown Revitalization - Blackfalds, Alberta
- Lacombe Downtown Streetscape Development - Lacombe, Alberta

Mixed Use Developments

A properly designed mixed use community can connect people to the places they visit. Chris believes that the inclusion of mixed-use development is often required to revitalize existing urban areas, reduce land consumption, promote pedestrian activity, and build more livable, sustainable communities.

Understanding that innovation, collaboration, and a strong vision are necessary for the creation of successful mixed-use developments, Chris strives to provide social, environmental, and economic benefits for each project in keeping with physical site conditions, public expectations and market realities.

Relevant Projects:

- Cooley Station – Chandler, Arizona*
- Desert Cedars – Maricopa, Arizona*
- Elliott Crossing – Goodyear, Arizona*
- Koslow Corners – Casa Grande, Arizona*
- Midtown – Calgary, Alberta
- Riverlands – Red Deer, Alberta

- Seton - Calgary, Alberta

Town Centre Development

Developing an area of specialization in regards to Commercial/Retail Design, Planning and Detailing, Chris has been involved in the planning and creating of several retail opportunities and experiences throughout North America. Ranging from locating sites within larger master plans, to detailing façade and branding concepts, he has been involved in several such developments in both the United States and Canada. Recently designing new town centers and mainstreet programs alongside larger regional destination shopping centres, Chris is able to link consumer preferences with tenant needs all while meeting developer requirements. Working on commercial sites ranging from ½ acre to over 200 acres in size, with one foot in planning, and the other in landscape architecture, Chris has considerable experience in design, aesthetics, placemaking, branding and theme development.

Relevant Projects:

- Chinook Meadows Town Centre – Olds, Alberta
- Cooley Station Town Centre – Chandler, Arizona*
- DC Double Creek Town Centre – Rocky View County, Alberta
- Estrella Mountain Town Center – Goodyear, Arizona*
- Four Peaks Town Centre – Chandler, Arizona*
- Legacy Town Centre – Calgary, Alberta
- Maricopa Town Centre – Maricopa, Arizona*
- Northpoint Town Centre – Calgary, Alberta
- NW Timberlands Town Centre – Red Deer, Alberta
- Parsons Creek Town Centre – Fort McMurray, Alberta
- Rosewood Town Centre – Saskatoon, Saskatchewan

- Seton Town Centre – Calgary, Alberta

Development Guidelines

- Aspen Lakes Residential Guidelines – Blackfalds, Alberta
- Back O' Beyond Character Guidelines – Sedona, Arizona
- Boomtown Trail Design Guidelines - Central Alberta
- Chinook Winds Park Design Brief – Airdrie, Alberta
- Clearview Ridge Architectural Guidelines - Red Deer, Alberta
- Estralla Mountain Ranch, Phase 1 Village Guidelines – Goodyear, Arizona
- Ironstone Architectural Controls – Red Deer, Alberta
- Parsons Creek Design Guidelines - Fort McMurray, Alberta
- Parsons Creek Urban Design Guidelines – RMWB, Alberta
- Project Vision Brief – Calgary, Alberta
- Ravenswood Design Brief – Airdrie, Alberta
- Red Deer Regional Airport Design Brief – Red Deer County, Alberta
- Timberlands Downtown Design Brief – Red Deer, Alberta
- Vanier Woods Architectural Guidelines - Red Deer, Alberta

Streetscapes

Lacombe Downtown Planning & Design, Lacombe, Alberta (Planning, Landscape Architecture)

Chris has a knack for understanding the commercial, retail, and historical significance of a particular site. He has experience in creating character and themed areas through landscape architecture and urban design with an eye towards understanding infrastructure and transportation systems requirements. Chris worked as part of a large team to help the Town of Lacombe fully understand the potential of the Downtown area. Services included initial design review and high-level concept planning.

Railway Street Redevelopment, Crossfield, Alberta (Urban Design)

Chris was involved in the initial design and visioning for the redevelopment of Railway Street in Crossfield, Alberta. The Design focused on respecting and celebrating the history of Crossfield. The concept plan identified the development of a new vibrant Downtown with high Quality public realm elements, improved pedestrian safety and green infrastructure. Chris and the team developed gateways, an upgraded downtown core, and improved aesthetics for the streetscape.

Calgary's Red Mile - 17th Ave SW Main Street

Known to hockey fans as "the Red Mile", 17th Ave SW is a popular destination for shoppers, foodies, pub enthusiasts, and people who like to be seen as they cruise or walk up and down the busy street. Chris was brought into an existing transportation project to review possible urban design improvements to the public realm along 17th. Chris and his team workshoped design ideas with various stakeholders involved in the project with a focus on maintaining the atmosphere and design textures for the Red Mile. We did not want to lose the character of the area by instituting a new look so we designed a master plan design concept that looked at freshening up the area, not redoing it.

International Avenue - 17th SE Main Street, calgary, Alberta (Lead Urban Designer, Landscape Architect)

Stantec was engaged by the City of Calgary to explore pedestrian realm improvements for International Avenue (17th Ave SE) in context with the bus rapid transit road upgrades and International Avenue Design Initiative study.

By applying urban design strategies and landscape architectural design we focused on enhancing the multi-cultural identity of the corridor. Stantec reviewed a long list of background studies, urban design guidelines, and met with various city departments to fully understand the design history of International Avenue. Using a combination of placemaking ideas, we worked hand-in-hand with the International Ave BRZ, business owners, and surround residents to create a design language that embraced the unique character of the area. Our focus was to strengthen the identity of the Main Street and create additional investment opportunities by bringing additional life and vibrancy to the street. Our design inspiration was derived from the many cultural influences along the Main Street and focused on sharing the unspoken language of colors and shapes that focused on the celebration of culture, diversity, and inclusiveness. Our design identified gateways, key intersections, gathering nodes, "green" linkages, public park space, culturally significant murals, historical architectural treatments, and allowance for the many public events held along the corridor.

Marda Loop Main Street, calgary, Alberta (Lead Urban Designer)

The City of Calgary selected Stantec to develop and deliver a master plan design for the established community of Marda Loop in southwest Calgary. The project combined transportation, urban design and landscape architecture to re-imagine a pedestrian focused retrofit that centers around a common vision for the community of Marda Loop. Chris was the lead urban designer on the project and helped the city facilitate a comprehensive engagement strategy and design concepts. The project included the delivery of multiple events in a variety of formats to inform the community and key stakeholders of the proposed vision, changes to the community and to ensure valuable feedback was collected. The master plan design was vetted by the various City department to ensure proper integration with new developments, shallow and deep utilities, parking utilization and traffic operations. Chris and his team focused on a final design that creates a safe, pedestrian first environment which is supportive of parking, transit and cycling infrastructure while putting pedestrian safety as the number one priority. The design envisions a collection of vibrant public spaces along a redesigned pedestrian corridor that integrates with the surrounding business and residents throughout all four-seasons.

Blackfalds Downtown Revitalization, Blackfalds, Alberta

The Town of Blackfalds identified a need to revitalize its downtown due to an emerging polarization between the downtown and the highway commercial area. Chris was the lead designer for this project and Stantec was retained to create a comprehensive plan focusing on identity, streetscape, architectural style, and commercial opportunities to shift focus back onto Blackfald's downtown. During the development of the master plan, the public was engaged in a visioning process to create overall objectives for the downtown as a basis for the Plan. A major part of the downtown improvements was the design and detailing of streetscape designs that would assist in updating the entire character of the area.

Land Planning

Master Plans

- Northern Phoenix Jewish Cemetery Master Plan – Phoenix, Arizona*
- Red Deer Airport Master Plan – Red Deer County, Alberta
- Westerner Rodeo Grounds – Red Deer, Alberta

Policy Planning

- Buffalo Lake Intermunicipal Development Plan - Buffalo Lake, Alberta
- Camrose Intermunicipal Development Plan – Camrose, Alberta
- Lacombe/Blackfalds Urban Corridor Joint Area Structure Plan - Lacombe/Blackfalds, Alberta
- Whitehorse Intermunicipal Development Plan – Whitehorse, Alberta

Landscape Architecture

Master Planned Communities - Overview

Early in his career, Chris began focusing on the planning and landscape architectural design of privately funded, developer communities. Project focus ranged from initial community layout, to developing planning documents and applications, to taking the project through the municipal approval process, to landscape architecture and construction oversight. The size of these developments range from 10 acre sites to projects over 30,000 acres.

- Timber Ridge – Red Deer, Alberta
- Timberstone Park – Red Deer, Alberta
- Upland Aspen – Innisfail, Alberta
- Valley Ridge – Blackfalds, Alberta
- Vanier Woods – Red Deer, Alberta
- Walker Farms – Wetaskiwin, Alberta
- Westridge – Red Deer County, Alberta

Master Planned Communities – Central Alberta, Canada

- Aspen Lakes – Blackfalds, Alberta
- Cedar Close – Olds, Alberta
- Chinook Meadows – Olds, Alberta
- Clearview North – Red Deer, Alberta
- Cottonwood Meadows – Blackfalds, Alberta
- D&B Ranch – Rocky View County, Alberta
- Deer River – Lacombe County, Alberta
- Devonshire - Red Deer, Alberta
- Fox Run - Sylvan Lake, Alberta
- Hagerman – Sylvan Lake, Alberta
- Harvest Meadows – Blackfalds, Alberta
- Hawkridge Estates – Penhold, Alberta
- Hazelwood – Innisfail, Alberta
- Hidden Springs – Red Deer County, Alberta
- Inglewood – Red Deer, Alberta
- Inglewood West – Red Deer, Alberta
- Iron Wolf – Lacombe County, Alberta
- Ironstone – Red Deer, Alberta
- Lakeway Landing - Sylvan Lake, Alberta
- McKay Ridge – Blackfalds, Alberta
- Mountain View – Rocky Mountain House, Alberta
- NW Timberlands – Red Deer, Alberta
- Parsons Creek – Fort McMurray, Alberta
- Ryder's Ridge – Sylvan Lake, Alberta
- Springbrook – Red Deer County, Alberta
- The Vistas – Olds, Alberta

Selby J. Thannikary P.E., P.Eng.

Transportation Planner and Traffic Engineer

Selby Thannikary has more than 12 years of experience in transportation planning, transportation engineering, and traffic operations. He has performed a variety of transportation planning and operational analyses involving active modes connectivity, feasibility assessments, transportation safety, multi-modal analysis, intersection capacity / operations, traffic calming, access management, and roadway capacity for single intersections and roadway networks. Selby has managed the development and evaluation of transportation networks within ASPs and DRIs (Developments of Regional Impact) in both Canada and the US, which includes the analysis of alternative roadway networks and short, medium and long-term transportation needs. In these efforts, he is well-experienced in using transportation as a functional tool for connecting communities and land uses. Selby is also IAP2 certified in public engagement.

Top 3 Most Relevant Projects

- Canmore Multi-Modal Parking Study, Canmore, Alberta
- City of St. Albert Traffic Calming Policy, Procedures, and Pilot Project, St. Albert, Alberta
- Banff Park Parking Assessment*, Banff, Alberta

EDUCATION

Bachelors, University of South Florida, Civil Engineering, Tampa, Florida, 2003

Certification, Planning for Effective Public Participation, IAP2, Alberta, 2014

Bachelors, English, University of South Florida, Tampa, Florida, 2003

MEMBERSHIPS

Affiliation, Virginia Society of Professional Engineers

Member, Association of Professional Engineers and Geoscientists of Alberta

Member, Institute of Transportation Engineers

PROJECT EXPERIENCE

Conceptual Design

St. Cyril School Modernization*, Calgary, Alberta (Project Manager)

Project manager for a transportation mobility and parking study for the modernization of an existing school site. Selby conducted a mobility and parking assessment to address ongoing traffic congestion issues that recommended the relocation of vehicle and bus staging areas, to separate the two from each other as well as active travel modes.

** denotes projects completed with other firms*

Traffic Calming and Program Development

City of St. Albert Traffic Calming Policy, Procedures, and Pilot Project, St. Albert, Alberta (Project Manager)

Project manager in the development of a traffic calming policy, procedures and the implementation of a pilot project for the City of St. Albert. Selby conducted a research of best practices from around the world, including the development of thresholds for various roadway types and a toolkit of potential solutions. The procedures include a robust, multi-faceted stakeholder engagement strategy and balloting process for community members to select their preferred plan. Selby will also be heavily involved throughout all aspects of the project including data collection, field visits, stakeholder engagement, plan development, cost estimating and Council presentations. Selby has also been asked to expand our role to administer the traffic calming program for the City, to continue past the pilot project into additional communities within the City that are in need.

Calgary Board of Education Community

Engagement, Calgary, Alberta (Project Manager)

Project manager for a 3-5 year program involving community engagement with communities within the City of Calgary anticipated to be impacted by the rapid expansion of new schools in the City. Selby will lead the stakeholder engagement with principals, teachers, school administration and parents of the existing schools that will be impacted by the changes necessitated by the introduction of the new schools. A dynamic approach that includes in-person workshops, balloting, and online engagement will be used throughout the project duration, tailored to the needs of each stakeholder group and their needs to maximize the demographic depth and diversity. A key aspect of the project is to avoid “engagement fatigue” and to create a new style of dialogue between stakeholders and the CBE moving forward.

Selby J. Thannikary P.E., P.Eng.

Transportation Planner and Traffic Engineer

Traffic Safety

City of Calgary School Sites Review Project*, Calgary, Alberta (Deputy Project Manager)

Deputy project manager for the review of approximately 21 schools throughout the City of Calgary for transportation and safety issues. Selby conducted presentations with City and School Board officials and staff, as well as citizens to discuss key safety transportation safety concerns located at each school. He led walkabout tours of each school during peak periods to identify issues and identified and helped facilitate interviews with key stakeholders located throughout Canada. As part of the mitigation development, he reviewed tens of documents published throughout North America and Europe that focused on school design, pedestrian and bicycle safety, and with a team of subject matter experts, is developing recommendations to improve transportation safety at all 21 schools. In the 2nd phase of this project, Selby will utilize these experiences to build a toolkit of solutions and best practices for the City and School Boards to implement at the remaining 430 schools in Calgary as well as site development of future schools.

Parking Studies

Mosque Expansion Parking Study*, Calgary, Alberta (Project Manager)

Project manager for a parking study to support the expansion of an existing mosque in Calgary, AB. Selby led the team that conducted field data collection to capture existing parking usage and available parking supply, coordinated with the City of Calgary on the parking study requirements, and developed recommendations to accommodate the proposed expansion.

Banff Park Parking Assessment*, Banff, Alberta (Project Manager)

Project manager for a parking and transportation study for the Minnewanka Day Use Area, Johnston Canyon Day Use Area, and Sulphur Mountain Drive near the Hot Springs and Gondola areas. Selby conducted field assessments of each area, reviewed the travel patterns, parking, signage and pavement markings. Selby led a team to develop mitigation measures to redesign the signage plans and pavement markings, developed a new travel pattern within the parking lot areas, developed a conceptual plan to expand the parking lot areas, developed a conceptual design to accommodate for on-street parking within the existing roadway footprint, recommended natural features to manage no parking areas, and developed short-term and long-term solutions to improve traffic circulation for the Sulphur Mountain Drive areas.

Canmore Multi-Modal Parking Study, Canmore, Alberta (Project Manager)

Project manager for a multi-modal parking study for the downtown core area of Canmore, Alberta. One of the first of its kind, the study evaluates on-street parking (supply, demand and turnover frequency) as well as bicycle parking and “people” parking, which involves assessment of benches and the public realm. Selby is involved in all aspects of the project including data collection, public consultation, mitigation measures and report writing. Selby will also be involved in the financial analysis of potential mitigation measures such as paid parking. Potential outcomes of the project also include removal of vehicular parking areas to increase public realm space and accommodations for the parking demands of other travel modes.

** denotes projects completed with other firms*

Technical Reviews

Hay River Health Centre*, Hay River, Alberta (Project Manager)

The NWT retained Selby to serve as project manager to conduct an independent review of a transportation impact assessment for a newly proposed design-build medical facility proposed in Hay River. Selby reviewed Synchro and HCS analysis files, LOS results, trip generation and distribution, and project assumptions and compared to the expectations set forth by the NWT. Selby generated both comments as well as recommendations of alternatives that could be undertaken as part of the TIA revisions.

Traffic Impact Assessments

Clearbrook (East) Local Transportation Impact Assessment, Calgary, Alberta (Project Manager)

Project manager for a transportation impact assessment of the Clearbrook East Outline Plan in Southwest Calgary, Alberta. Selby coordinated data collection through sub-consultants, conducted trip generation, trip distribution, Synchro intersection analysis of scenarios and developed recommendations for improvements. Selby also reviewed forecast volume data including anticipated modal splits, and developed recommendations for roadway cross-sections and classifications based on the City's Complete Streets Guidelines.

Southeast Global Transportation Impact

Assessment, Calgary, Alberta (Project Manager)

Project manager for a global transportation impact assessment for several large outline plan areas in Southeast Calgary, Alberta. Selby conducted trip generation, trip distribution, Synchro intersection analysis of scenarios and developed long-term operational assessments based on the anticipated build-out of the area and proposed roadway improvements. Selby also reviewed forecast volume data including anticipated modal splits and conducted assessments based on varying development scenarios.

Lot 62 Redevelopment*, Calgary, Alberta (Project Manager)

Project manager for the transportation impact assessment of an urban infill redevelopment project within the City Centre of Calgary, Alberta. Selby evaluated the existing uses on site, developed the net impacts of the re-development onto the roadway network, collected traffic data, conducted trip generation and trip distribution, Synchro/HCS analysis at key intersections and developed recommendations to mitigate for the proposed development's impacts to the roadway network.

Aspen School Transportation Impact

Assessment*, Calgary, Alberta (Project Manager)

Project manager for a transportation impact assessment of a proposed new school site in Calgary. Selby conducted a transportation assessment that included outlining a study methodology, coordinating data collection, conducting trip generation and trip assignment onto the roadway network, conducting HCS and Synchro analyses, turn lane analyses, and multi-modal analysis.

** denotes projects completed with other firms*

Selby J. Thannikary P.E., P.Eng.

Transportation Planner and Traffic Engineer

Safety Reviews / Audits

The Brickyard Phase 4 Development Subdivision
– Roundabout Review*, Stony Plain, Alberta
(Project Manager)

Conducted a high-level desk-study transportation safety review of a proposed single-lane mini-roundabout at access of the subdivision. Duties include review proposed geometry, design-vehicle turning paths, truck accommodation, pedestrian and cyclist accommodation, signage, and provide recommendations to the design team.

Transient Analysis

Calgary Airport Non-Passenger Screening*,
Calgary, Alberta (Project Manager)

Conducted a queue analysis for drop-off/pick-up zones at Level 1 and 2 on the Calgary Airport. Duties include proposing analysis methodology, reviewing available traffic data, traffic modelling/simulation, queue analysis, and recommendations. Oversaw a multi-faceted approach using Synchro, queuing theory and VISSIM to compare 9 development scenarios.

Traffic Studies

Telus SKY Building Traffic Accommodation
Strategy*, Calgary, Alberta (Project Manager)

Project manager for a traffic accommodation strategy to support the demolition, excavation and construction activities for a new high-rise commercial office building in downtown Calgary, AB. Maintaining active modes connectivity for the duration of the project as well as accommodating for the adjacent 7th Avenue SW LRT activities that could not be impacted were among the project's challenges.

** denotes projects completed with other firms*

Ryan Martinson M.Eng., P.Eng.

Associate, Sustainable Transportation Specialist

Ryan is a leader in the Active and Sustainable Transportation field and his passion for his work is made clear to clients and stakeholders with whom he works. Based out of Stantec's Calgary office, Ryan has been involved with numerous high-impact transportation projects; all with the goal of creating stronger communities and better cities for all. His work includes: the City of Edmonton's Complete Streets Guidelines; City of Calgary Centre City Cycle Track Network Planning and Implementation; Walkability Technical Reports; Safe Journey's to School; Complete Street retrofit projects; and, numerous concept designs and planning studies.

Ryan is committed to the idea of creating a more sustainable future by advancing the current state of the practice in Sustainable Transportation as well as strengthening social capital in communities. He is an active participant in ITE's various Councils and Committees, as well as the Measuring Walking group of Walk21, which is currently documenting and sharing methods to capture walking and walkability data. This data is used to provide a higher emphasis on people travelling on foot, contributing to the creation of more livable communities.

Top 3 Most Relevant Projects

- MacDonald Island Park Transportation Demand Management Study, Fort McMurray, Alberta
- Lethbridge Cycling Master Plan, Lethbridge, Alberta
- Centre City Cycle Track Network Planning, Calgary, Alberta

EDUCATION

Masters of Engineering, University of Calgary, Calgary, Alberta, 2014

Bachelor of Science - Civil Engineering, University of Calgary, Calgary, Alberta, 2005

REGISTRATIONS

Professional Engineer #M73448, Association of Professional Engineers and Geoscientists of Alberta

MEMBERSHIPS

Member, Institute of Transportation Engineers

PROJECT EXPERIENCE

Transportation Planning

Lethbridge Cycling Master Plan, Lethbridge, Alberta (Active Transportation Lead)

Technical Project Manager for the delivery of the city's Cycling Master Plan. Combining evidenced-based recommendations with principle-based wisdom, the plan will put Lethbridge well ahead of cities of similar size by having a very focused and strategic implementation plan. The plan received unanimous support from Council when presented.

Edmonton Downtown Bike Grid, Edmonton, Alberta (Active Transportation Specialist)

Served as engineer that contributed to the development of concept designs for cross sections and intersection signalization possibilities. Presented Feasibility Study to Council on behalf of the Project Team.

** denotes projects completed with other firms*

Ryan Martinson M.Eng., P.Eng.

Associate, Sustainable Transportation Specialist

Greenline LRT Active Transportation Integration, Calgary, Alberta

This project is the next new LRT line in Calgary's rapid transit network. Project required close collaboration between environmental, urban planning, and engineering teams to undertake the initial functional planning design. Ryan is responsible for assessing active transport and walkability characteristics of the study area in order to increase walking and biking access to future LRT stations and consequently develop a future network for active transportation. Ryan also provides guidance on prioritization of projects for this network.

Ottawa Bicycle and Pedestrian Toolbox, Ottawa, Ontario

St. Albert Safe Journeys to School, St. Albert, Alberta

MacDonald Island Park TDM Study, Fort McMurray, Alberta

Transportation engineer for a parking and Transportation Demand Management study for the expansion of the MacDonald Island Park recreation complex. The appropriateness of various Transportation Demand Management techniques were assessed and recommended for further exploration in order to support LEED accreditation.

Centre City Cycle Track Network Planning, Calgary, Alberta

Technical Program lead for the network planning of a cycle track network in Calgary's Downtown. Using a selection criterion based on demand and local context, a network was identified, and a route selected for construction in 2014. Internal and external communication, strategy meetings, engagement meetings, and technical meetings were included in the project deliverables. Ryan coordinated technical components, incorporated technical material into engagement opportunities, and presented and facilitated stakeholder interaction.

WalkABLE Alberta, Okotoks, Alberta

Keynote speaker and facilitation support for Alberta Health Services engagement with the Town of Okotoks staff and councilors aimed at increasing the walkability of the Town in the short, medium, and long term.

Edmonton Complete Streets Design Guidelines, Edmonton, Alberta

Ryan was a member of the Core Team that developed a comprehensive Complete Streets Guideline for the City of Edmonton. The guideline provides design guidance for construction and rehabilitation of City roadways.

Centre City Cycle Track Network Design, Calgary, Alberta

Technical Program lead for the Concept Design of the cycle track network planned for Calgary's Downtown core. Liaised with internal and external stakeholders to optimize concept design.

Ryan Martinson M.Eng., P.Eng.

Associate, Sustainable Transportation Specialist

17 Avenue SE Active Transportation Integration, Calgary, Alberta

A project to connect communities between downtown and southeast Calgary and offer alternative transportation options, including a bus transit-way and pathway for pedestrians and cyclists. Ryan is responsible for developing and reviewing Concept Design options for parallel bicycle facilities that respected current City of Calgary policies relating to Complete Streets. This includes assessing active transport and walkability characteristics of the study area and developing route options for bicycle infrastructure given space constraints.

Centre City Cycle Track Network Shared Use Concept Design, Calgary, Alberta

Transportation engineer for the Shared Use Concept Design of Stephen Avenue that sought to permit bicycle use for all times of day on the busy pedestrian-only street. This project navigated complicated legal requirements, facilitated stakeholder workshops, and developed a Conceptual Design of the street.

Arlington Bridge Bicycle and Pedestrian Review, Winnipeg, Manitoba

Lethbridge Bicycle Master Plan, Lethbridge, Alberta

St. Albert Traffic Calming, St. Albert, Alberta

Windsor Active Transportation Review, Windsor, Ontario

Shaganappi Trail Active Transportation Integration, Calgary, Alberta

Stoney Trail Bridge Pathway Integration, Calgary, Alberta

North Okotoks Active Transportation Engagement and Concept Development, Okotoks, Alberta

Southwest Transit Way Active Transportation Integration, Calgary, Alberta

North Central LRT Alignment Evaluation - Complete Streets Integration, Calgary, Alberta

Jasper Place ARP Mobility Assessment, Edmonton, Alberta

Active Transportation Support for TIAs, Various municipalities, Alberta

Crowchild Trail Active Transportation Integration, Calgary, Alberta

Pathway Safety Review, Okotoks, Alberta

Hespeler Road Active Transportation Integration, Ontario

Bearspaw Recreation Complex*, Bearspaw, Alberta

NW High School TIA*, Calgary, Alberta

Copperfield, Tuscany, and Langdon Schools Transportation Impact Assessment*, Calgary, Alberta

Connective Automated Vehicle Pedestrian Safety Research Project, Edmonton, Alberta

CBE Engagement Services, Calgary, Alberta

* denotes projects completed with other firms

Chinook Centre Parking Study*, Calgary, Alberta

South Fish Creek Recreation Centre Shared Parking*, Calgary, Alberta

CrossIron Mills Special Event Management Plan*, Balzac, Alberta

PUBLICATIONS

APBP Professional Development Seminar. Shared Space and Functional Ambiance, 2015.

ACT Canada – Markham, Presentation. Walkability Strategies Review, 2014.

University of Calgary. Walking and Bicycling Characteristics Lecturer, 2016.

University of Calgary Guest Lecturer. Complete Streets, 2013.

Winter Cycling Conference – Winnipeg, Manitoba, Presentation. Who are the 'Winter Travelers' and how can we make more?, 2014.

Pro –Walk / Pro-Bike / Pro-Place Conference Poster. Centre City Cycle Track Network Design, 2014.

Alberta Bikes Conference Presentation. Engagement for more walkable and bikeable communities, 2015.

Walk21 Vienna. Walking Through Systems Thinking, 2015.

Walk21 Vienna. International Standard for Walking Data, 2015.

Linking Active Transportation and Transit. CUTA Youth Summit Presentation, 2013.

Barriers and Opportunities for Transportation Engineering, Planning, and Health Collaboration. CITE Conference Paper, 2013.

Centre Street and McKnight Boulevard Transit Queue Jumps – An example of a shift in priority towards transit. CITE Conference Paper, 2013.

Event Management Strategies at Regional Shopping Centres: Successes and Challenges. CITE Conference Paper, 2011.

WalkABle Okotoks. Alberta Health Services Keynote Presentation, 2012.

PlanYourPlace: a geospatial infrastructure for sustainable community planning. Revue Internationale de Geomatique, Volume X – no X/20112 (co-author), 2011.

City of Edmonton's Complete Streets Design Guidelines. CUTA Fall Conference, 2013.

Measuring Walking. Walk21: Munich Pre-Conference Workshop, 2013.

Modeling the Impact of Policies and Design Elements on Individual's Travel Switching Behaviour Towards Transit, Walking, and Cycling. Centre for Transportation Engineering and Planning, 2013.

Ryan Martinson M.Eng., P.Eng.

Associate, Sustainable Transportation Specialist

Transitioning to Sustainable Communities by
Focusing on Non-work Travel Behaviour. ACT
Canada Conference Presentation, 2013.

Active Transportation – Creating Bikeable and
Walkable Cities. ACT Canada Conference
Presentation, 2012.

** denotes projects completed with other firms*

Brad Currie B.Sc., P.Eng.

Principal (Community Development - Sector/Discipline Leader)

Brad has successfully provided project management planning, and design and construction management services on numerous civil engineering projects in Central Alberta. He has been involved in the planning, design, and construction of over ten thousand residential lots throughout Alberta.

As Project Manager and Practice Area Leader, Sector Leader, and Discipline Leader, Brad coordinates all project assignments undertaken by Stantec's Alberta North and Territories Regional office based in Red Deer.

Brad has gained an extensive background in the Civil Engineering Industry for over 25 years. He has successfully completed a variety of projects throughout Central and Northern Alberta as a Project Manager, Design Engineer and Construction Contract Administrator. His experience in managing Residential, Commercial, and Industrial Land Development projects is extensive, as well as a strong background in dealing with Municipal and Urban Roadway projects.

Top 3 Most Relevant Projects

- Parsons Creek, Fort McMurray, Alberta
- Prairie Creek Business Park, Fort McMurray, Alberta
- Perras Industrial Park, Fort McMurray, Alberta

EDUCATION

Bachelor of Science in Civil Engineering,
University of Alberta, Edmonton, Alberta, 1991

MEMBERSHIPS

Central Alberta UDI Past Chairman, Urban
Development Institute

Member, Association of Professional Engineers
and Geoscientists of Alberta

PROJECT EXPERIENCE

Warehouse / Light Industrial

Perras Industrial Park, Fort McMurray, Alberta
(Project Manager)

Design and construction of a 30 acre industrial
park.

Prairie Creek Business Park, Fort McMurray,
Alberta (Project Manager)

Design and construction of the first 60 acres of an
industrial park that will ultimately be 950 acres in
size.

Sports, Recreation & Leisure

Suncor Right of Way Drainage Improvements, Fort
McMurray, Alberta (Project Manager)

Urban Land Engineering

Parsons Creek - Phase 1, Fort McMurray, Alberta
(Project Manager for onsite improvements)

Design of site grading, onsite trunk utilities, and
collector/arterial roadways for 500 acre mixed-use
development.

Parsons Creek - Heritage Point Phases 1 to 3,
Fort McMurray, Alberta (Project Manager)

Design and construction of subdivision. (323 lots)

Brad Currie B.Sc., P.Eng.

Principal (Community Development - Sector/Discipline Leader)

Vanier Woods East Phases 1 to 4, Red Deer, Alberta (Project Manager)
Design and construction of a 120 acre residential development.

Timber Ridge Phases 1,2, and 3, Red Deer, Alberta (Sr. Project Manager)
Design and construction of a 160 acre residential development.

Laredo Phases 1,2,3, and 4, Red Deer, Alberta (Project Manager)
Design and construction of a 140 acre residential development.

McKay Ranch Phase 1 through 3, Blackfalds, Alberta (Sr. Project Manager)
Design and construction of a 160 acre residential development.

Inglewood West Phases 1 through 7, Red Deer, Alberta (Project Manager)
Design and construction of a 160 acre residential subdivision (550 lots).

Parsons Creek Phase 2, Fort McMurray, Alberta (Sr. Project Manager)
Design and construction of a 460 acre residential development.

Oxford Landing Phase 1, Penhold, Alberta (Project Manager)
Design and construction of a 61 lot residential development.

Fort McMurray Islamic Center, Fort McMurray, Alberta (Project Manager)
Civil design of 10 acre church site.

Evergreen Phase 1, Red Deer, Alberta (Sr. Project Manager)
Design and construction of a 118 lot residential development.

Irongate Phase 1, Town of Sylvan Lake, Alberta (Project Manager)
Design and construction of a 20 acre mixed use development.

Waterford Station Phase 1, Town of Sylvan Lake, Alberta (Project Manager)
Design and Construction of a 32 acre mixed use development.

Land Planning

Lancaster East / Vanier Woods East Neighbourhood Area Structure Plan, Red Deer, AB (Project Manager)
Preparation and approval of a 320 acre residential development.

Piper Creek Business Park, Outline Plan Report, Red Deer County, Alberta (Project Manager)
Preparation and approval of ASP for a 77 acre industrial park.

Timberstone Park Neighborhood Area Structure Plan, Red Deer, Alberta (Project Manager)
Preparation and approval of a NASP for a 120 acre residential development in NE Red Deer.

Clearview North Neighborhood Area Structure Plan, Red Deer, Alberta (Project Manager)
Preparation and approval of an NASP and servicing study for a 180 acre commercial/residential development in NE Red Deer.

Brad Currie B.Sc., P.Eng.

Principal (Community Development - Sector/Discipline Leader)

**NW Timberlands Neighborhood Area Structure
Plan, Red Deer, Alberta (Project Manager)**

Preparation and approval of an NASP and
servicing study for a 160 acre mixed
commercial/residential (Town Centre)
development in NE Red Deer.

Retail / Commercial

**Quarry Ridge, Fort McMurray, Alberta (Project
Manager)**

Design of on-site and off-site deep utility and
transportation improvements for 35 acre
commercial development.

Scott Sanderson PMP, C.Tech., B.P.E., ENV SP

Senior Engineering Technologist

Mr. Sanderson has been with Stantec since 1999. He offers a high level of commitment to the communities he serves and provides a comprehensive package of services from project management, civil design, design coordination on multi-discipline projects, and construction administration services.

Scott manages multidisciplinary teams that provide solutions to potable water supply, storage, pumping, conveyance, and sewage collection and pumping facilities. His extensive experience in the preparation of studies, designs and providing construction engineering services has provided him with the technical and managerial experience necessary to meet project objectives through practical solutions and collaborative stakeholder efforts.

Scott's years of design experience, professional training, and communication skills enable him to gain clear understanding of client expectations and to see when subject matter expertise is required, and when deliverables achieve project objectives and quality requirements.

Top 3 Most Relevant Projects

- 2016 Fort McMurray Sanitary Sewer and Storm Sewer Wildfire Recovery, Fort McMurray, Alberta
- Various sanitary life stations, Fort McMurray, Alberta
- Various water reservoirs and pump houses, Fort McMurray, Alberta

EDUCATION

Envision Sustainability Professional, Institute for Sustainable Infrastructure, Red Deer, AB, 2016

PMP, Project Management Training (96 hrs), Mount Royal University/Red Deer College Continuing Education, Alberta, 2013

Bachelor of Physical Education, University of Alberta, Edmonton, Alberta, 1995

Power Engineering Diploma, Southern Alberta Institute of Technology, Calgary, Alberta, 1999

Engineering Design and Drafting Diploma, (Piping design option), Southern Alberta Institute of Technology, Calgary, Alberta, 1999

MEMBERSHIPS

Member, Project Management Institute

Member, The Association of Science and Engineering Technology Professionals of Alberta

AWARDS

2014 CEA Award of Excellence in Water Resources and Energy Production, Wandering River Pipeline and Reservoir Design Build, Athabasca County

2017 CEA Award of Excellence in Water Resources and Energy Production, Fort McMurray Wildfire: Wastewater and Stormwater Recovery, Regional Municipality of Wood Buffalo

PROJECT EXPERIENCE

Wastewater

Mackenzie Lift Station Replacement and Highway 63 Trunks, Fort McMurray, Alberta (Assistant Project Manager)

Responsible for ensuring the day to day operations of the project were consistent with the expectations of the Client and the tasks being executed as part of the project met the project goals in terms of operation, schedule and budget. the project consisted of conceptual design, detailed design, tendering and construction engineering services for a 208 l/s waste water lift station.

2016 Fort McMurray Sanitary Sewer and Storm Sewer Wildfire Recovery, Fort McMurray, AB (Assistant Project Manager and Technical Lead)

Responsible for developing scope definitions related to the necessary recovery efforts and ensuring the day to day operations of the project were consistent with the expectations of the Client; ensuring the tasks were being executed in support of the Regional Municipalities Emergency Response Center's mandate.

Grayling Terrace Lift Station, Fort McMurray, Alberta (Project Manager)

Responsible for ensuring the day to day operations of the project were consistent with the expectations of the Client and the tasks were being executed as part of the project met the project goals in terms of operation, schedule and budget. The project consisted of conceptual design and detailed design engineering services for a 20 l/s waste water lift station.

Gregoire Heights Lift Station Replacement, Fort McMurray, AB (Project Coordinator)

Responsible for ensuring the day to day operations of the project were consistent with the expectations of the Client and the tasks being executed as part of the project met the project goals in terms of operation, schedule and budget. The project consisted of conceptual design, detailed design, tendering and construction engineering services for a 45 l/s waste water lift station.

Waterways Lift Station Replacement and Forcemain Extension, Fort McMurray, AB (Project Coordinator)

Responsible for ensuring the day to day operations of the project were consistent with the expectations of the Client and the tasks being executed as part of the project met the project goals in terms of operation, schedule and budget. The project consisted of conceptual design, detailed design, tendering and construction engineering services for a 130 l/s waste water lift station.

Cornwall Lift Station Upgrades, Fort McMurray, AB (Project Coordinator)

Responsible for ensuring the day to day operations of the project were consistent with the expectations of the Client and the tasks being executed as part of the project met the project goals in terms of operation, schedule and budget. The project consisted of conceptual design, detailed design, tendering of a partial demolition and rebuilding of a 188 l/s waste water lift station with the intent of modernizing the facility.

Water Storage Facilities

Old Lower Townsite Reservoir Rehabilitation, Fort McMurray, Alberta (Project Coordinator, Technical Lead)

Structural condition report preparation, concrete structural rehabilitation design, baffle curtain installation and construction contract administration of a 6,800 m³ potable water reservoir.

Abasand Heights Reservoir and Pumphouse Upgrades, Fort McMurray, Alberta (Project Manager, Technical Lead)

Major Upgrades to the 8,400 m³ reservoir structure complete with baffle curtain installation, pumphouse retrofit and related water supply and distribution system upgrades, including PSV chamber, PRV chamber, and swab receiving chamber, 400 mm diameter water trunk highway 63 crossing design services.

Lower Townsite Reservoir and Pump Station Upgrades, Fort McMurray, AB (Project Coordinator)

Construction of a 9400 m³ cast in place concrete reservoir with a can type vertical turbine pump station, backup power and associated appurtenances which are housed in a new building. For this project I was responsible for the coordination of communication between the owner, engineers and contractor, including preparation of the preliminary design report, coordinating detailed design and tendering.

Water

Parsons Creek Water Supply Trunk Commissioning, Fort McMurray, AB (Technical Support)

8 km of 750mm diameter potable water trunk testing and commissioning. Responsible for providing technical and administrative support to ensure the project meets the technical requirements and is completed successfully according to the client's expectations.

Wandering River Regional Water System, Athabasca County, Alberta (Project Coordinator)

Responsible for ensuring the day to day operations of the engineering services were consistent with the expectations of the design build team partners and the tasks being executed as part of the project met the project goals in terms of operation, schedule and budget. The project consisted of detailed design and construction services, of an 88 kilometer long directionally drilled regional water line, a 500 m³ reservoir and pump station, truckfill and various other municipal water distribution system upgrades.

SHAWN R. WILLIAMS, DIPL.PL

CED MANAGING PRINCIPAL

Shawn's work with leading architectural, engineering and planning firms links regional economic strategy to neighborhood-scale community design for transformative results. He has worked on several industry-recognized projects in North America, and abroad, and has led the creation of award-winning projects more recently.

Shawn's work has led to the creation of workforce development programs helping communities foster economic growth. In 2017 he led the creation of a innovation hub master plan which has since received \$2 million dollars in funding for autonomous vehicles research and development as part of a wider economic revitalization strategy.

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Vancouver, BC, V6B 1H6, Canada

SELECT PLANNING + DEVELOPMENT EXPERIENCE*

Atlanta Aerotropolis Blueprint, Atlanta, GA
Aerotropolis Master Plan, Ekurhuleni (Johannesburg), S. Africa
Charlotte Douglas Int'l Airport Area Strategic Dev't Plan, Charlotte, NC,
Exploring the Winnipeg Economic Opportunity, Winnipeg, MB
Memphis Aerotropolis Real Estate Analysis, Memphis, TN
PTC Innovation Hub Master Plan, Peachtree Corners, GA
Sakimay First Nations Market Analysis East Lands, Regina, SK
Sakimay First Nations Market Analysis West Lands, Regina, SK
Sylvan Lake Retail Gap Analysis Phase 1 & 2, Sylvan Lake, AB
The Towns', Real Estate Market Analysis, Regina, SK
Virginia Beach Dome Site Strategy, Virginia Beach, VA
Waterford Station Real Estate Strategy, Sylvan, Lake, AB
Westerra, Real Estate Market Analysis, Regina, SK
Winnipeg Int'l Airport Comm. Dev't Strategy, Winnipeg, MB

SPEAKING ENGAGEMENTS + PANEL DISCUSSIONS

Aerotropolis Atlanta Master Plan ULI Technical Panel Discussion (2017):

- Panel participant on implementation of previously created Aerotropolis Atlanta Blueprint Master Plan.

Best Practices and Memorandum in Airport Area Planning (2017):

- Invited as participant to round table discussion of planners from across the globe to discuss best practices in Airport Area Planning in Atlanta, Georgia, hosted by the Atlanta Regional Commission.

AWARDS + RECOGNITION

City of Peachtree Corners Innovation Hub Master Plan - 2018 American Planning Association - Georgia Chapter (GPA):

- Led a collaborative and focused project team for strategy that was awarded "Outstanding Initiative" by the GPA.

EDUCATION + TRAINING

Diploma of Applied Urban and Rural Planning - Langara College
General Studies - Kwantlen Polytechnic University College