

Status of Cycling Strategy Actions (as of November 20, 2015)

Action #	Plan, Design and Build Bicycle Infrastructure	Status	Comments
C-1	Engage key stakeholders in creating a new Pathway and Bikeway Implementation Plan.	Underway	Council approved the plan framework November 2014. Work is underway to analyze network gaps in GIS. An Inter-municipal Pathway Study was completed between City of Calgary and Rocky View County in 2014 which will help provide input to the plan.
C-2	Update Calgary's bikeway GIS layer information regularly.	On-going	Bikeway data is updated periodically in GIS. The on-street data layer is now available in the Open Data Catalogue. The Pathways & Bikeways Mobile app was updated in July 2015. Transportation Planning and Parks is updating the hard copy map for distribution to the public in Q1 2016
C-3	Migrate the bikeway GIS layer into TransNET (a graphical representation of Calgary streets).	On-going	GIS data aligned with TransNET updated with new projects.
C-4	Develop a bicycle design guide for Calgary. This will provide guidance for the inclusion of cycling facilities into the Complete Streets Guide.	On-going	The City is working with Alberta Transportation and the City of Edmonton to develop a Province Bicycle Design Guide. Roads Traffic Engineering is taking a lead role on that effort. This will hopefully lead to changes to the Alberta Traffic Act. Anticipated completion in Q4 2016.
C-5	Plan, design and build priority pilot projects including cycle tracks and bike boxes.	On-going	Seventh St S.W. Cycle Track constructed and opened July 2013. Project included first use of green conflict pavement markings, bike signals, yield to bike in the cycle track signage, and a two-stage bike turn box. Bike signal installed at Samis Rd and Centre St N. Bike turn box at 11 St and 6 Av SW improved. Poor performing bike turn box at 10 St and 5 Av NW removed and replaced with a better designed turn box and signal at 10 St and 3 Av NW. Developed new wayfinding pavement markings. Conflict marking installed on several new bikeway projects. Widened the width of bike lane stripe from 4 to 8 inches for better visibility. Opened the Centre City Cycle Track Network pilot in June 2015.
C-6	Support the development of an updated national bicycle design guide.	On-going	Progress made developing a provincial guide in Alberta (see Action C-4). TAC continues to issue design guides on cycling related infrastructure. City staff serve on TAC committees related to these efforts.

C-7	Review and suggest changes to municipal bylaws to support cycling and bicycle facility design.	On-going	Council approved two bylaw changes in 2013 related to bicycling. The first made bike lanes "restricted lanes" (similar to restricted transit lanes), in that it is prohibited to park or drive other vehicles in them. Council also made it legal for pedestrians to cross a cycle track in order to access parked vehicles adjacent to a cycle track. In 2015 Council relaxed the Stephen Ave and Olympic Plaza bylaws to allow cycling during daytime hours. The Traffic bylaw was also modified to create multi-use crossings, which is a traffic control device that allows cyclists the same rights and responsibilities as pedestrians have in crosswalks. Staff have been working with Provincial staff on identifying challenges and opportunities through the City Charter process.
C-8	Review and suggest changes to provincial laws to support cycling and bicycle facility design.	On-going	
C-9	Complete short-term bicycle route improvements as identified in the University of Calgary Area Pedestrian and Bicycle Improvement Project and the Brentwood Station Area Mobility Assessment and Plan.	On-going	New bike lanes have been added on Brentwood Rd NW, 37 St NW, 40 Av NW, and Northland Dr NW. New bike ramp installed to help access the University LRT Station bridge. The Crowchild and 24 Av NW intersection improvement includes bike access with construction.
C-10	Improve bicycle routes in the city centre based on the Centre City Action Plan Map (Appendix A).	On-going	Bike lanes installed on 9 Avenue SE, between from 4 St SE and the Elbow River Pathway. Intersection improvement complete at 8 St and 3 Av SW. 7 St Cycle Track complete from 1 Av to 8 Av SW. Centre City Cycle Track network pilot (June 2015 to December 2016) includes 12 Av S, 8/9 Av S, and 5 St SW in 2015. Wayfinding signage added to 3 Av SW.
C-11	Implement a public bike share system in the Centre City.	On hold	Bike Share Feasibility and Business Model reports completed. In 2012, Council directed to go with Bike Share operation that is owned and operated by a third party. Council has indicated that no public money be used for the financing of bike share. Staff are focusing on improving on-street infrastructure in Centre City, which will greatly improve the viability and interest in developing a bike share program in the future.

C-12	Plan and implement bicycle route improvements to stations along the West LRT line.	On-going	Several new bikeways complete around Shaganappi, Westbrook and 45 St stations, including bike lane, shared lane and neighborhood greenways. Planning for other West LRT stations will be included through Action C-1.
C-13	Explore the creation of a new secure bicycle parking scheme at LRT stations along the West LRT line.	On-going	Short term parking provided at all WLRT stations including some racks that are located under a roof to protect bicycles from rain and snow. Secured bike parking areas will be sought with Transit Oriented Developments along WLRT.
C-14	Plan and implement bicycle route improvements to Saddle Ridge LRT station.		To be addressed through Action C-1.
C-15	Plan and implement bicycle route improvements to Rocky Ridge / Royal Oak and Tuscan LRT station.	On-going	Bike lanes added to Rocky Ridge Road NW just north of the station. Perimeter greenway also cuts across station site. Bicycle parking added at both station entrances. Further improvements may be identified through Action C-1.
C-16	Plan improvements to bicycle routes in conjunction with new transit hubs (e.g. Southeast Transitways and BRT Network)	On-going	Staff on the Green Line project team have planned bike/pedestrian improvements around the station areas.
C-17	Plan improvements to bicycle routes in conjunction with CTP/MDP-aligned work in Activity Centres, Nodes, and Corridors.	On-going	Bikeway improvements included in the designs for Shaganappi Corridor Study, Crowchild Corridor Study, Macleod Trail Corridor Study, 16 Av / 19 St NE Interchange Study, and portions of the 17 Av SE Corridor Study. Improvements constructed around U of C, SAIT and Northland Mall Activity Centres. Improvements planned around the Mount Royal University Activity Centre. Planning along several corridors underway.
C-18	Continue to build bicycle route missing links.	On-going	58 km of bikeways have been installed or improved since 2011. In 2015 9.3 km were installed or improved.

C-19	Develop a plan and retrofit selected signals with the ability to detect bicycles	On-going	Bike detection added at 2 St/16 Ave NW, 2 St/20 Ave NW, 5 St/50 Ave SW, 21 St/Kensington NW, Crowchild Tr/5 Av NW, Samis Rd/Centre St N, 26 St/Bow Trail SW, Brentwood Rd and Charleswood Dr NW, and 26 St/17 Av SW. Bicycle signals installed Centre St/Samis Rd N, 10 St/3 Av NW, 42 St/17 Av SW, 40 St/Bow Trail SW, 18 St SE in Quarry Park and along the cycle track network in several locations.
C-20	Explore the feasibility to include pathways next to existing LRT or BRT right-of-way and protect for pathways next to future LRT or BRT right-of-way by including them in functional and land use plans.	Underway	Initial planning work begun on the Green Line Southeast Transitway with the goal of providing a pathway/bikeway along the 26km alignment. Council approved a pathway parallel to the Red Line north of Glenmore Trail, and will be implemented when funds become available.
C-21	Continue to offer and further promote the Bicycle Rack Sponsorship Program to install bicycle racks on public land at the request of Calgarians.	On-going	The bike rack sponsorship program has installed 150 short-term bike parking spaces in 2011, 210 in 2012, 190 in 2013, 116 spaces in 2014, and 698 spaces in 2015 for a total of 2,636 installed spaces since 2002. In addition, Calgary Parking Authority has 238 short and long term bike parking spaces in their downtown parkades. Calgary Transit added another 100 spaces in the last year at LRT stations and now has 1,073 bike parking spaces.

Action #	Provide Bicycle Amenities	Status	Comments
C-22	Require showers and lockers for cyclists in employment-intensive areas in new buildings.	On-going	Downtown Land Use District requires new buildings in the downtown core to install bike parking, showers, lockers, changing room, and maintenance room. The District went into effect June 2014.

C-23	Update The City's Bicycle Parking Handbook for the implementation of bicycle amenities such as bicycle parking, lockers and showers.	Complete	Handbook updated. Further updates will happen as time and resources allow.
C-24	Develop strategies for implementing bicycle stations in Calgary.	Underway	Downtown Land Use District permits the development of Public Bicycle Stations as an option to get a density bonus in the downtown core. The District went into effect June 2014.
C-25	Explore ways in which to support and promote bicycle-related programs and services delivered by others.	On-going	Participated in events such as Bike to Work Day, Winter Bike to Work Day, MEC Bike Fest, Sled Island Music Festival, Calgary Folk Music Festival, Bike to School Day, Bike Calgary Bike Awards, Market Collective, and Alberta Bike Swap. Coordinated with public libraries to have bike theme displays and information booths during Bike Month. Support community bike festivals requested and as resources allow.

Action #	Operate and Maintain Bicycle Infrastructure	Status	Comments
C-26	Monitor the gravel-sweeping of on-street bicycle routes to determine how well the pre-sweeping is working and update practices based on results.	On-going	Bikeways are pre-swept prior to spring clean-up as part of the Winter Sweeping program. During Spring Clean-Up bike lanes and cycle tracks are cleaned at the same time the adjacent roadway is cleaned.
C-27	Develop a new level of service for high quality gravel-sweeping and snow and ice control of on-street bicycle routes in high use / high growth areas.	On-going	Council policy considers all marked bike lanes to be considered priority 2 - cleared within 48 hours of snow fall stopping. Most residential bikeways are considered priority 3 and 4. Some facilities, like Centre City cycle tracks are cleared within 24 hours if the road is designated priority 1. Bikeways downtown are monitored daily throughout the winter and swept as required to eliminate un-necessary material in the lanes. Sweepers are often used for snow removal on cycle tracks allowing the tracks to be free and clear of snow and ice build up and keeping chloride usage to a minimum. Staff continue to monitor both the results achieved as well as input

			received from the public via social media and the 311 system to ensure that routes are being properly maintained. A winter network map has been developed to educate maintenance staff where trouble spots exist such as on hills or where on-street bikeways interface with pathways or where there is increased cycling volumes.
C-28	Promote the annual roadway pothole repair program to encourage cyclists to report pothole locations on bicycle routes.	On-going	Bicyclists can report a pothole via the new 311 mobile app. Program also promoted on social media.
C-29	Maintain bicycle route pavement marking and signs	On-going	Refreshing bikeway pavement markings and signs as required. Review of previous project deficiencies on-going. Minimum width of bike lane markings has been increased from 4 to 8 inches to improve visibility of bike lanes. Wayfinding pavement markings now being used in several locations.

Action #	Bicycle Education and Promotion	Status	Comments
C-30	Develop and deliver an ongoing bicycle education program for cyclists, motorists and pathway users to help increase understanding and reduce conflicts. Partner with other organizations to deliver the program citywide.	On-going	An education program was developed and implemented for the Centre City Cycle Tracks and Stephen Avenue pilot project. The program focused on providing information, reaching out to Calgarians and starting to build a culture around the cycle track network. Five summer students were employed as Bicycle Ambassadors from May to September to educate and encourage road users along the cycle track network to move together safely. Similar work is planned in 2016. Outreach opportunities including presentations, on-street education, community events, festivals, information booths, and targeted messaging for specific road users provided the platform to increase awareness and reduce conflicts. On-going outreach efforts beyond the Centre City Cycle Track Pilot network include bike light distribution, how-to guides for

			unique bike projects, presentations, social media campaigns, and webpage updates. The Traffic Tips Guide was revised in 2013.
C-31	Develop bicycle training and education courses and work within The City and with external groups to pilot the courses to a variety of Calgarians.	On-going	Continued to promote cycling skills classes and camps with printed and online calendar. Promoted cycling classes during Bike Month in weekly paper, online via social media, community boards, digital display screens, transit shelters and Calgary Transit. Internally, three education sessions were provided for Waste & Recycling Services operators to strengthen awareness regarding safety for people cycling and driving.
C-32	Work with the Calgary Police Service to develop education and enforcement campaigns to ensure that cyclist and motorist behaviour is safe, respectful and adheres to laws.	On-going	The Traffic Safety Education unit within CPS has been dissolved but discussions are still occurring with CPS as it relates to new and unique projects. Continued coordination with the CPS Mountain Bike Unit, CPS Traffic Team and Bylaw for enforcement support during the cycle track pilot remains a priority.
C-33	Explore different ways of providing the most up-to-date pathway and bikeway routing information to Calgarians on an ongoing basis.	On-going	The Pathways & Bikeways Mobile app was updated in July 2015 and is available for iPhone and Android users from the App Store. Transportation Planning and Parks are updating the hard copy map for distribution to the public in Q1 2016. 3,000 hard copies of the current map were distributed at public outreach events in 2015. Infrastructure improvements are shared on Calgary.ca and on The City of Calgary Bicycle Program Facebook page and provide current information about city bike projects.

C-34	Develop and deliver an ongoing bicycle promotion campaign about the benefits of cycling as a fun, healthy, convenient and inexpensive way to travel. Partner with organizations and retailers and seek opportunities to collaborate on common goals to encourage cycling.	Complete	Coordinated with bike community groups for winter cycling festival, hosted a winter bike photo booth which attracted 148 cyclists, promoted and participated in second annual Winter Bike to Work Day. Coordinated with various groups from the bike community on how to promote cycling events during Bike Month (see action C-35). Promoted Bike Month and events in weekly paper, online via social media, movie theatres, community boards, digital display screens, transit shelters and Calgary Transit. Hosted the second annual Bike to the Zoo Day.
C-35	Formalize June as Bike Month in Calgary.	Complete	The Mayor proclaimed June as Bike Month in 2012.
C-36	Host a bicycle event/street festival (Ciclovía/Parkway) in coordination with Canada Day at Prince's Island Park every year as part of developing and encouraging the use of public spaces for the enjoyment of all Calgarians.	Underway	Recreation Department worked with non-profits to hold Ciclovía type event during Canada Day Celebration in 2012. The Bike to the Zoo day event was held the day before Canada Day in 2014 and again over a weekend in August 2015. Councillor Evan Woolley hosted a Cycle Track Launch Party in June 2015 to celebrate the opening of the network. The Bicycle Ambassadors and other Liveable Streets staff were in attendance and provided information to Calgarians. The event was celebratory in nature and featured musical acts, speeches from community members and interactive booths from the cycling community. Additionally, the Bicycle Ambassadors hosted four pop-up opening events. With a reach of 444 interactions, the Ambassadors offered safety tips, answered questions and provided information to encourage people walking, cycling and driving to move together along the cycle track network.
C-37	Host a "Developing Ciclovía /Parkway Summit" in Calgary in October 2011 in preparation for the 2012 Canada Day Ciclovía /Parkway and invite speakers with experience in developing these events.	Retired	The summit did not occur but some of the new staff hired to help implement the Cycling Strategy have knowledge and experience relating to Ciclovía events.

C-38	Organize and host a pre-conference in Calgary in advance of the international Velo-City cycling conference to be held in Vancouver on June 23–26, 2012.	Complete	Staff has been able to network with colleagues from other jurisdictions at Velo-City 2012 and at several other meetings.
C-39	Explore how to expand The City's scope to further support the Active and Safe Routes to School program in Calgary.	On-going	Active and Safe School Travel group which was formed in 2013 met 5 times since 2014. This has led to the launch of Mayor Nenshi's Walk Challenge.
C-40	Explore how to support and encourage businesses that use bicycling as a key part of their business or that support employees who ride a bicycle.	On-going	City hosted "Bikes Mean Business" presentations and workshops with bike advocates and business revitalization zone leaders. Getting Around Calgary website launched to help get travel choice information out to the public easier. Outreach done periodically to businesses to promote travel options.
C-41	Purchase temporary bicycle racks to set up at festivals and events around Calgary to encourage people to cycle.	On-going	City installed temporary bike parking and partnered with several organizations to provide the service at community events including Winter Bike to Work Day, Sled Island Music Festival, Cycle Tracks Launch Party, Canada Day, Calgary Stampede, Calgary Folk Music Festival, and Bike to the Zoo Day.

Action #	Monitoring and Evaluation	Status	Comments
C-42	Investigate best practices and technology for cycling data collection, including automated counting stations and install them in strategic locations.	On-going	The City has researched data collection technologies and has incorporated many of the best practices that other municipalities use after testing many of them for accuracy first. In most cases, The City collects bike data using the same techniques as it counts motor vehicles, through cordon counts, manual counts, video camera counts, tube counts and now automated counters. The Peace Bridge was the first location to receive an automated counter to count bicyclists in 2014. Since going live in April 2014, over 775,000 bike trips have been counted there. An automated counter was installed along the 7 Street cycle track. Since going live in December 2014, over 190,000 bike trips have been counted there. Ten

			more automated counters were installed in June 2015 to help monitor the Centre City Cycle Track Network Pilot. This data is available on the web for the public to see. Parks has also installed five more automated counters along regional pathways. The City has been monitoring the number of bikes during standard intersection counts for several years. The same data collectors also conduct the Annual Bike Count which is done at 70 locations each summer city wide. At each location the number of cyclists is tabulated including demographic information in order to monitor long term trends. Every three years the Civic Census includes a mode to work question. Transportation Planning is developing a new, continuous travel survey program in 2015 called "My Travel Log" which will collect travel behaviour information from Calgary and region households on an on-going basis. This survey will enable regular reporting of related performance measures (mode split, for example). This survey will collect a smaller number of samples every year (only 1500 households) so it will take a few years before there is enough data to report on cycling.
C-43	Investigate the inclusion of a question regarding on-street bikeways in the Citizen Satisfaction Survey to update and report on indicator 16 in Table 8-1.	Complete	"Bike lanes on streets" is included in the Citizen Satisfaction Survey. 61% of Calgarians state they are satisfied with this program or service, down 2% from last year.
C-44	Investigate conducting periodic telephone surveys to update and report on indicators 17, 18 and 19 in Table 8-1.	Underway	Survey firm Ipsos Reid has been hired to do a before/after telephone satisfaction survey for the cycle track network and Stephen Avenue pilot.
C-45	Investigate improvements to bicycle collision reporting format and procedures with the Calgary Police Service and the Government of Alberta.		No report on this action.
C-46	Report to Council, Administration and the public on all performance measures on a continuous basis prior to each business planning cycle, beginning with the 2015-2017	On-going	Action Plan has downtown morning peak, and all day, all purpose mode split as performance measures, so they will be reported every year. Action Plan will also report on collisions involving vulnerable road users, which includes cyclists and

	business planning cycle.		this will be reported annually.
C-47	Report yearly to Council on the status of actions identified in the Cycling Strategy.	On-going	This report and appendix serves as the update to Council. Additionally a Yearbook was presented to Council in Dec 2013 which provided an illustrative report of Calgary's effort to become a bicycle friendly community. The Yearbook will be created to monitor trends and progress as time and resources allow. The next one planned will be in 2016.

Action #	Resources and Funding	Status	Comments
C-48	Dedicate a Bicycle Design Engineer in the Roads business unit to help develop a bicycle design guide, prepare conceptual and detailed designs for on-street bikeways, Complete Streets and other bicycle amenities.	Complete	A Bicycle Traffic Engineer was hired in 2013.
C-49	Dedicate a Bicycle Planner in the Transportation Planning business unit to co-ordinate and plan bicycle route improvements and pilot projects and manage the creation of a new Pathway and Bikeway Implementation Plan.	Complete	A Bicycle Coordinator was hired in 2012.
C-50	Dedicate a Bicycle Education and Promotion Coordinator in the Transportation Planning business unit to develop an ongoing education and promotion program and work with partners on delivering educational messages and promotional events to Calgarians.	Complete	An Active Transportation Education Planner was hired in 2013.