Agenda – Council – May 18, 2016

Report – Standing Policy Committee on Infrastructure Renewal and Public Works – May 3, 2016

Item No. 1 2016 Pedestrian and Cycling Action Plan

STANDING COMMITTEE RECOMMENDATION:

On May 11, 2016, the Executive Policy Committee concurred in the recommendation of the Standing Policy Committee on Infrastructure Renewal and Public Works, as amended, and submitted the following to Council:

1. That the recommended 2016 Pedestrian and Cycling Action Plan, identified in Appendix A and summarized in Appendix C, be approved, with the following amendments:

    A. Amend the following in Appendix A:

        i. Section - New Regional Sidewalks
        Item 6/ Sherbrook Street Enhancements to Pedestrian Crossing & Access to Transit Stops

            a. Add “or if any excess funds are available in the 2016 streets budget that $205,000 of the funds be allocated to this project” after “from the 2016 New Regional Sidewalks account”.

        ii. Section - Recreational Walkways and Bicycle Paths
        Item 4/ St Anne's Road Multi-modal Corridor Study

            a. Delete in its entirety and reallocate the $250,000 to corridor studies for Rue Des Meurons (runs parallel to St Anne's) and " River to Rivergate AT pathway"

            b. Add the following parameters within the scope of the Rue Des Meurons corridor study:

                1. St. George Road between Beliveau Road and Fermor Boulevard
                2. Rue Des Meurons from Fermor Avenue to Provencher Boulevard
                3. Enfield Crescent and Rue St. Jean Baptiste (including upgraded crossings of Marion Street, Goulet Street and Provencher Boulevard)

Report – Standing Policy Committee on Infrastructure Renewal and Public Works – May 3, 2016

4. Rue Youville and Rue Bourgeault from Marion Street to De La Cathedrale Avenue, including the crossing of Marion Street.

iii. Section – Bicycle Corridors
Item 8/ Seven Oaks to Kildonan Drive Crossing of the Red River Study

a. Delete in its entirety and reallocate the $450,000 to active transportation improvements in the vicinity of the Chief Peguis Trail and the Settlers Bridge in 2016.

iv. Section – Recreational Walkways and Bicycle Paths
Item 1/ Northwest Hydro Corridor/McPhillips Greenway (Phase 1) Construction

a. Delete paragraph 3 and incorporate the project into the 2017 Action Plan.

B. Amend Appendix C accordingly.

2. That the provided status updates on projects approved in 2015 and outlined in Appendix B be received as information.

3. That the Proper Officers of the City be authorized to do all things necessary to implement the intent of the foregoing.

Report – Standing Policy Committee on Infrastructure Renewal and Public Works – February 12, 2016

DECISION MAKING HISTORY:

EXECUTIVE POLICY COMMITTEE RECOMMENDATION:

On May 11, 2016, the Executive Policy Committee concurred in the recommendation of the Standing Policy Committee on Infrastructure Renewal and Public Works, with the following amendments:

- Add Recommendation 1.A.ii.b.:

  "1.A.ii.b. Add the following parameters within the scope of the Rue Des Meurons corridor study:

  1. St. George Road between Beliveau Road and Fermor Boulevard
  2. Rue Des Meurons from Fermor Avenue to Provencher Boulevard
  3. Enfield Crescent and Rue St. Jean Baptiste (including upgraded crossings of Marion Street, Goulet Street and Provencher Boulevard)
  4. Rue Youville and Rue Bourgeault from Marion Street to De La Cathedrale Avenue, including the crossing of Marion Street."

and submitted the matter to Council.

STANDING COMMITTEE RECOMMENDATION:

On May 3, 2016, the Standing Policy Committee on Infrastructure Renewal and Public Works concurred in the recommendation of the Winnipeg Public Service, as amended, and submitted the matter to the Executive Policy Committee and Council.

ADMINISTRATIVE REPORT

Title: 2016 Pedestrian and Cycling Action Plan

Critical Path: Standing Policy Committee on Infrastructure Renewal and Public Works - Executive Policy Committee - Council

AUTHORIZATION

Author	Department Head	CFO	CAO/COO
L. Escobar, P.Eng.,P.T.O.E.	L.P. Deane, P.Eng.	G. Chartier	M. Jack COO

RECOMMENDATIONS

1. That the recommended 2016 Pedestrian and Cycling Action Plan, identified in Appendix A and summarized in Appendix C, be approved.

2. That the provided status updates on projects approved in 2015 and outlined in Appendix B be received as information.

3. That the Proper Officers of the City be authorized to do all things necessary to implement the intent of the foregoing.

REASON FOR THE REPORT

Previous to 2016, the Public Works Department annually presented a listing of recommended pedestrian and cycling projects for approval by the Standing Policy Committee on Infrastructure Renewal and Public Works.

On July 15, 2015, Council approved the Pedestrian and Cycling Strategies. Council concurred in the recommendation of the Standing Policy Committee on Infrastructure Renewal and Public Works, as amended, and adopted the following:

> "All costs included in the Pedestrian and Cycling Strategies are estimates, no budget allocation is included with the approval of the Pedestrian and Cycling Strategies document, and all projects and project costs relating to the Pedestrian and Cycling Strategies document will be considered by City Council through the annual budget process."

The 2016 Capital Budget was approved by Council in March, 2016. This report identifies all projects and their associated costs for the following programs: Recreational Walkways and Bicycle Paths, New Regional Sidewalks, New Non-Regional Sidewalks and Bicycle Corridors.

On July 4, 2014, the Standing Policy Committee on Infrastructure Renewal and Public Works concurred in the recommendation of the Winnipeg Public Service, with the following amendment:

> "That the Director of Public Works provide status updates on projects previously approved in future action plans."

EXECUTIVE SUMMARY

The 2016 Pedestrian and Cycling Action Plan provides recommendations to the Standing Policy Committee on Infrastructure Renewal and Public Works for the spending of Capital Budget accounts specifically related to walking and cycling.

The report recommendations are consistent with the priorities of the Council-approved Pedestrian and Cycling Strategies, which are the result of a comprehensive stakeholder and public consultation process. Through public consultation and community feedback, many people in Winnipeg have indicated that they want improvements to pedestrian and cycling facilities for convenience, comfort, access and increased safety.

The 2016 Pedestrian and Cycling Action Plan provides recommendations for infrastructure improvements, programs and studies. New sidewalks, new multi-use paths and multiple pedestrian crossings are recommended to improve safety and convenience, and to eliminate network gaps. Within the non-regional sidewalks account, two new sidewalks are proposed that will enable children to more safely and conveniently access schools and recreational facilities.

These projects and initiatives were identified as high priority by the Pedestrian and Cycling Strategies and by the Active Transportation Advisory Committee. In line with OurWinnipeg, Complete Communities, the Transportation Master Plan and the Pedestrian and Cycling Strategies, the 2016 Pedestrian and Cycling Action Plan expands multi-modal transportation options for people of all ages and abilities.

IMPLICATIONS OF THE RECOMMENDATIONS

Additional operating costs related to maintenance of these facilities, approximately $108,000.00 annually, will need to be included in the Public Works Department's future years operating budget.

HISTORY / DISCUSSION

On July 15, 2015 Council approved the Winnipeg Pedestrian & Cycling Strategies (PCS). The PCS provide the long-term vision for providing accessible, convenient, and safe walking and cycling facilities for people of all ages and abilities. In order to implement the visions, goals and actions of the PCS policy directs that:

> The City should develop a yearly Pedestrian and Cycling Action Plan to identify projects and initiatives as part of its efforts to keep the Strategies a living document on an annual basis.

Four programs are identified in the 2016 Capital Budget that support the implementation of the PCS. These are Recreational Walkways and Bicycle Paths, New Regional Sidewalks, New Non-Regional Sidewalks and Bicycle Corridors.

The Capital Budget includes funding of $1,300,000 for Recreational Walkways and Bicycle Paths; $1,000,000 for New Regional Sidewalks; $300,000 for New Non-Regional Sidewalks and $1,500,000 for Bicycle Corridors in 2016.

The 2015 Capital Budget adopted by Council on March 23, 2015 included funding for the Transportation Master Plan in the amount of $250,000.

Pedestrian and cycling projects, not indicated through the annual budget process, will seek approval by Council if extra funding is available due to projects being completed below estimates.

FINANCIAL IMPACT

Financial Impact Statement

Date: March 17, 2016

Project Name:
2016 Pedestrian and Cycling Action Plan

First Year of Program **2016**

	2016	2017	2018	2019	2020
Capital					
Capital Expenditures Required	$ 6,125,057	$ -	$ -	$ -	$ -
Less: Existing Budgeted Costs	6,125,057	-	-	-	-
Additional Capital Budget Required	$ -	$ -	$ -	$ -	$ -
Funding Sources:					
Debt - Internal	$ -	$ -	$ -	$ -	$ -
Debt - External	-	-	-	-	-
Grants	-	-	-	-	-
Reserves, Equity, Surplus	-	-	-	-	-
Other	-	-	-	-	-
Total Funding	$ -	$ -	$ -	$ -	$ -
Total Additional Capital Budget Required	$ -				
Total Additional Debt Required	$ -				
Current Expenditures/Revenues					
Direct Costs	$ -	$ 108,000	$ 108,000	$ 108,000	$ 108,000
Less: Incremental Revenue/Recovery	320,045	-	-	-	-
Net Cost/(Benefit)	$ (320,045)	$ 108,000	$ 108,000	$ 108,000	$ 108,000
Less: Existing Budget Amounts	(320,045)	-	-	-	-
Net Budget Adjustment Required	$ -	$ 108,000	$ 108,000	$ 108,000	$ 108,000

Additional Comments: The Capital Expenditures required are for those projects included in Appendix C. Existing budgeted costs represent the 2016 Preliminary Capital Budget for Public Works projects; 2016 Recreational Walkways and Bicycle Paths - Various Locations ($1,300,000.00), 2016 New Regional Sidewalks ($1,000,000.00), 2016 New-Non Regional Sidewalks ($300,000.00) and 2016 Bicycle Corridors ($1,500,000.00), 2015 Transportation Master Plan (Project # 1833000115, $50,000), 2015 Recreational Walkways and Bicycle Paths - Various Locations (Project # 1832000115, $717,468.37), 2015 New-Non Regional Sidewalks (Project # 1832000315, $33,935.85), 2015 Bicycle Corridors (Project # 1832000415, $294,577.04), 2014 Recreational Walkways and Bike Paths - Various Locations (Project # 1832000114, $235,794.78), 2014 New Regional Sidewalks (Project # 1832000214, $139,770.52), 2014 Active Transportation Corridors - Various Locations (Project # 1832000314, $30,073.18), 2013 Recreational Walkways and Bike Paths - Various Locations (Project # 1832000113, $147,009.84), 2012 Recreational Walkways and Bike Paths - Various Locations (Project # 1832000112, $8,836.05), 2009 Recreational Walkways and Bike Paths - Various Locations (Project # 1832001009 - North Winnipeg Parkway, $367,591.17). Recoveries represent the Department Transportation Administration and Corporate Administrative and Interest Overheads. Direct Costs relate to the pathway and sidewalk maintenance including snow clearing, sanding, and spring clean up. The incremental operating amounts will need to be addressed in the 2017 Operating Budget Process.

"Original Signed by D. Stewart, CA"
D. Stewart, CA
Manager of Finance & Administration

CONSULTATION

In preparing this Report there was consultation with:

Public Works has consulted with Councillors regarding projects that affect their ward.

Active Transportation Coordinating Group—A committee of City staff including representatives from Public Works, Planning, Property and Development, and the Transit Department.

Active Transportation Advisory Committee—A committee of private citizens of Winnipeg with expertise in Active Transportation.

OURWINNIPEG POLICY ALIGNMENT

01-1 City Building – Connect and Expand our Sustainable Transportation and Infrastructure Networks.
Ensuring mobility for people of all ages and abilities with active transportation options.

SUBMITTED BY

Department: Public Works
Division: Transportation
Prepared by: Stephanie Whitehouse, Active Transportation Coordinator
Date: March 18, 2016

ATTACHMENTS:
Appendix A - 2016 Pedestrian and Cycling Action Plan
Appendix B - Status updates of Pedestrian and Cycling Projects approved in 2015.
Appendix C - Pedestrian and Cycling Projects Recommended for Implementation in 2016.

Appendix A

2016 Pedestrian and Cycling Action Plan

NEW REGIONAL SIDEWALKS
Council-approved Pedestrian & Cycling Strategies direction:
> 1A: Expand and Enhance the Sidewalk Networks
> 3A: Provide Accessible Infrastructure
> 3C: Provide Pedestrian and Cycling Crossing Treatments

1/ Smith Street between Graham Avenue and St Mary Avenue
A new sidewalk is recommended on the west side of Smith Street between Graham Avenue and St. Mary Avenue. Identified in the 2014 Active Transportation (AT) Action Plan, this project was delayed to coordinate with adjacent projects. This sidewalk runs adjacent to the Millennium Library, provides an important connection to downtown, and builds on the success of the recently completed new sidewalk on Donald Street.

The Winnipeg Public Service is recommending a budget of **$425,000** for this sidewalk from the **2016 New Regional Sidewalks** account, in addition to the remaining 2014 New Regional Sidewalks budget of $139,770.52 already approved for this project for a total of $564,770.52.

2/ Lagimodiere Boulevard between East Mint Place and Burmac Road
A new sidewalk is recommended on the west side of Lagimodiere Boulevard between East Mint Place and Burmac Road. Southland Park residents advocated for this sidewalk for many years so that their children, attending school in Southdale, do not have to walk on the south bound shoulder of Lagimodiere Boulevard. The vehicle speed limit is 80 km/hr on Lagimodiere Boulevard with volumes of approximately 36,000 vehicles per day. Funding for this sidewalk was included in the 2011 New Regional Sidewalks account. In the 2015 Pedestrian and Cycling Action Plan the funding was reallocated to another sidewalk. Efforts to acquire land or an easement for the sidewalk to preserve the existing City trees, and mitigate land drainage issues were not successful. The Public Service has further investigated land drainage solutions and an alternative design has been developed. The tree removals have been approved by the Forestry Branch and funding for new trees will be provided for new plantings in the relative area. In rare instances the proposed sidewalk may be flooded, but this will be a temporary situation until the land drainage system can be relieved through the future development within Precinct J.

The Winnipeg Public Service is recommending a budget of **$225,000** for this sidewalk from the **2016 New Regional Sidewalks** account.

Pedestrian Crossings
Three new Pedestrian Corridor crossings are recommended to enhance the sidewalk networks for pedestrians. The crossings are located where there is a high volume of pedestrian activity on high traffic regional streets and meet the City's warranting criteria. The three locations are:
3/ Sargent Avenue at Toronto Street
4/ Sargent Avenue at Agnes Street
5/ St Matthews Avenue at Maryland Street

The Winnipeg Public Service is recommending a budget of **$145,000** for these three pedestrian crossings ($50,000; $45,000; & $50,000) from the **2016 New Regional Sidewalks** account. The proposed corridors will be submitted to SPCIRPW in a separate report for approval.

6/ Sherbrook Street Enhancements to Pedestrian Crossing & Access to Transit Stops
In the 2016 Capital Budget, Sherbrook Street has been identified for a Mill & Fill from Ellice Avenue to Cumberland Avenue. The Winnipeg Public Service is recommending enhancing pedestrian access to transit stops and pedestrian crossings in conjunction with road renewal between Ellice Avenue and Cumberland Avenue.

The Winnipeg Public Service is recommending a budget of **$205,000** from the **2016 New Regional Sidewalks** account.

NEW NON-REGIONAL SIDEWALKS
Council-approved Pedestrian & Cycling Strategies direction:
> 1A: Expand and Enhance the Sidewalk Networks
> 3E: Develop Active and Safe Routes to School

1/ Downing Street from Wellington Avenue to Sargent Park Place
The construction of a sidewalk on the west side of Downing Street from Wellington Avenue to Sargent Park Place is recommended. This proposed sidewalk will replace a well-used dirt path that connects residents in the area to the Sargent Park School, Cindy Klassen Centre and the West End Library.

The Winnipeg Public Service is recommending a budget of **$150,000** for this sidewalk from the **2016 New Non-Regional Sidewalks** account.

2/ Howden Road between Humber Road and Betournay Street
The construction of a sidewalk on the east side of Howden Road between Humber Road and Betournay Street is recommended. The need for this sidewalk was identified through the Active and Safe Routes to School program as well as the School Travel Planning program in consultation with community stakeholders. The sidewalk will improve the safety for students walking to the École Howden along a busy road.

The Winnipeg Public Service is recommending a budget of **$150,000** for this sidewalk from the **2016 New Non-Regional Sidewalks** account.

3/ Update Sidewalk Requirements in New Developments
The Pedestrian and Cycling Strategies authorize the Winnipeg Public Service to “update sidewalk requirements for new developments in consultation with relevant stakeholders” (p132). The Winnipeg Public Service is recommending working with a professional consultant to **update the sidewalk requirements for new developments,** in a collaborative manner, to ensure we continue to “expand and enhance the sidewalk network” as directed in the PCS.

The Winnipeg Public Service is recommending this project use $94,096.90 of surplus budget from multiple surplus AT budget accounts as follows:

- $33,935.85 from the 2015 New Non-Regional Sidewalks account
- $51,325.00 from the 2014 Recreational Walkways and Bike Paths account
- $8,836.05 from the 2012 Recreational Walkways and Bike Paths account.

BICYCLE CORRIDORS
Council-approved Pedestrian & Cycling Strategies direction:
>1B: Expand and Enhance the Bicycle Networks
>2A: Provide Bicycle Parking and End-of-Trip Facilities
>6A: Enhanced Wayfinding, Signage and Trip Planning
>6B: Improve Education and Awareness

1/ Construction of the Forks to Assiniboine Avenue Cycle Track Connection
This project was recommended as high priority in the PCS. Funding in the 2015 Bicycle Corridors was approved for public consultation and for professional consulting services. The study is currently being conducted in conjunction with the Downtown Protected Bike Lane System (Fort/Garry Preliminary Neighbourhood Consultation). Detailed design for the cycle track connection will be completed in the Spring of 2016 to facilitate construction in the summer of 2016.

The Winnipeg Public Service is recommending a budget of **$200,000** from the **2016 Bicycle Corridors** account and surplus budget of $275,000 from the 2015 Recreational Walkways and Bicycle Paths account for the implementation of this project. This project has a total recommended budget of $475,000.

2/ North East Pioneers Greenway Connection to Archibald Street
This project enhances the north/south walking and cycling connection along Archibald Street and is proposed to coincide with the street renewal and rebuild of an existing rail underpass retaining wall. This north south connection has been an on-going priority that helps to close a gap in the bicycle network that serves to eventually connect Transcona to the Downtown area. The connection was previously pursued through the proposed Grey Street pathway between Tyne Avenue and Mission Street, identified in the 2013 AT Action Plan. The Grey Street pathway proved unfeasible in 2015, due to pathway access restrictions.

The Winnipeg Public Service is recommending surplus budget of $265,530.22 from the 2015 Bicycle Corridor account and surplus budget of $84,469.78 from the 2014 Recreational Walkways and Bike Paths account be reallocated to fund this connection. This project has a total recommended budget of $350,000.

3/ Bike Parking Grant Program
The bike parking program is an annual partnership between stewardship organizations and the City of Winnipeg in support of the installation of high demand bike parking facilities. With financial support from the annual capital budget, organizations including BIZs, schools, libraries and community centres have facilitated the installation of hundreds of bike parking locations throughout Winnipeg. The program will now be regulated through an annual Bike Parking Grant Program, and grant recipients will be awarded through an annual grant application process. Recipients will be determined based on priorities identified in the PCS.

The Winnipeg Public Service is recommending a budget of **$105,000** from **the 2016 Bicycle Corridors** account. The Winnipeg Public Service is recommending that out of the $105,000 budget, $20,000 of the recommended Bike Parking Grant Program budget be awarded to the Windsor Park Library so that bike parking infrastructure is included during the building of the library.

4/ Public Education and Awareness

In addition to the PCS, the Council-approved Transportation Master Plan has the following enabling strategies that direct the City to:

- Continue to work with local school divisions and schools to establish programs that encourage active travel to and from schools. (Section 5.2 Active Transportation, enabling strategy h).
- Promote programs and events that support and encourage various forms of active transportation (section 5.2 Active Transportation, enabling strategy l).
- Provide or support education for all transportation users to improve understanding and compliance (Section 5.2 Active Transportation, enabling strategy m).
- Seek innovative and new partnerships to support AT programs and facilities (Section 5.2 Active Transportation, enabling strategy n).

The City has been funding the following promotional events and it is recommended that this funding remain.

- Commuter Challenge ($20,000);
- International Trails Day ($10,000);
- Rivers West ($15,000).
- Bike Week (previously Bike to Work day) ($30,000)
- Bike to School ($10,000);

The following increase in grant funding is being recommended to enable The WRENCH to sustain educational programming for schools and community organizations in 2016:

* the WRENCH Community Bike Shops annual grant $20,000 (from $10,000 annual)

The Winnipeg Public Service is recommending a budget of **$105,000** for these educational and promotional programs from the **2016 Bicycle Corridors** account.

5/ 2016 Winnipeg Cycling Map

The Winnipeg Public Services recommends producing a 2016 Winnipeg Cycling Map in print and digital formats. The 2016 Winnipeg Cycling Map will be a comprehensive overhaul of the 2014 print map. Production will include a new print map and a new digital map. The digital map will be provided on the City of Winnipeg website and will allow the Winnipeg Public Service to update content as required.

This project will utilize budgets previously approved in the 2015 Pedestrian and Cycling Action Plan. The Winnipeg Public Service is recommending additional budget of **$15,000** in the **2016 Bicycle Corridors** account in addition to $29,046.82 from the 2015 Bicycle Corridor account and $30,073.18 from the 2014 Active Transportation Corridor account, for a total project budget of $74,120.

6/ Downtown Pedestrian Wayfinding Study

The Winnipeg Public Service is recommending that the Public Works Department partner with Planning Property and Development in support of a Downtown Pedestrian Wayfinding project. Preliminary terms of reference were developed by PP&D and propose a multi-phased approach. The Downtown Pedestrian Wayfinding initiative would provide a framework for application of a way-finding system to the broader city-wide context.

The Winnipeg Public Service is recommending a budget of **$25,000** from the **2016 Bicycle Corridors** account be utilized to support the first phase of the Downtown Wayfinding initiative.

7/ Ruby/Banning Street Neighbourhood Greenway Study
This cycling connection has been identified as a high priority in the PCS. This connection would link four schools along Ruby/Banning Street between Notre Dame Avenue and Palmerston Avenue. A comprehensive neighbourhood based public consultation, engineering analysis, functional design and estimate is required to determine the feasibility of the north-south link.

The Winnipeg Public Service is recommending a budget of **$150,000** from the **2016 Bicycle Corridors** account.

8/ Seven Oaks to Kildonan Drive Crossing of the Red River Study
This study will look at how to provide an east-west route that will connect the Old Kildonan, Mynarski and North Kildonan areas. A major community connector is needed to connect communities to each other and to various destinations such as school and community centres. A route is needed to connect people to the planned north-south Spines, such as the North Winnipeg Parkway and the North West Hydro Corridor. The development of this route would aid in siting a location for a new Red River Crossing.

The Red River is a significant barrier for walking and cycling in north west Winnipeg, and therefore the PCS has identified a new crossing is needed somewhere between the Redwood Bridge and the Chief Peguis Trail, which are spaced at over 4.3km apart.

This Study would include neighborhood based public consultation, development of multiple alternative, functional design, and lead into the preliminary design of a new river crossing.

The Winnipeg Public Service is recommending a budget of **$450,000** from the **2016 Bicycle Corridors** account.

9/ Seine River Crossing Study
On September 30, 2015, Council approved the motion to “continue to recognize and support the need for pedestrian/bike bridges over the Seine River”. The “Seine River Greenway Study,” produced in 2000, identified five proposed locations for Seine River AT crossings. A study is recommended to identify the best location for a new crossing looking at previously proposed options as well as the possibility of new locations. The project would include consultation with community stakeholders to determine the optimal location for a new crossing.

The Winnipeg Public Service is recommending a budget of **$200,000** from the **2016 Bicycle Corridors** account.

10/ McDermot/Bannatyne Bike Facility Upgrade Study
This bicycle facility connects Sherbrook Avenue to Waterfront Drive. Currently a painted bike lane, facility enhancements, including adding bicycle protection, are identified as a high priority in the PCS connecting the west and east Exchange Districts. If implemented, this project would close a gap between several proposed bicycle facilities. Public consultation is required to develop a functional design to address the different needs along the various blocks of the streets.

The Winnipeg Public Service is recommending a budget of **$250,000** from **the 2016 Bicycle Corridors** account.

RECREATIONAL WALKWAYS AND BICYCLE PATHS
Council-approved Pedestrian & Cycling Strategies direction:
> 1A: Expand and Enhance the Sidewalk Networks
> 1B: Expand and Enhance the Bicycle Networks

1/ Northwest Hydro Corridor/McPhillips Greenway (Phase 1) Construction
The Northwest Hydro Corridor Pathway Engineering Study is currently underway. Anticipated completion of the study is Spring 2016.

The Winnipeg Public Service is recommending a budget of **$350,000** from **the 2016 Recreational Walkways and Bicycle Paths** account. The Winnipeg Public Service is recommending that $442,468.37 from the 2015 Recreational Walkways and Bicycle Paths account be allocated to this project (surplus budget of $372,887.50 and previously identified budget of $69,580.87), and $100,000 from the 2014 Recreational Walkways and Bike Paths account which has been previously identified, for a total of $892,468.37. The funding will be used for construction of the first section of the Greenway.

At the time of this report all of the details for the required easement with Manitoba Hydro have not yet been finalized. Due to this uncertainty, if the easement agreement cannot be completed within the required schedule, the Public Service recommends that the project be postponed until 2017 and all of the proposed construction funding be utilized in 2016 for the construction of a proposed 2017 project. A bi-directional bicycle path on Keewatin Street between Inkster Boulevard and Burrows Avenue would be proposed as the PCS identifies it as a high priority and would connect to the existing Inkster Boulevard pathway and the proposed pathway as part of the upcoming Keewatin Street Twinning project.

2/ North Winnipeg Parkway between St. John's Park and South of Redwood Avenue
This project completes a significant gap in the Trans Canada Trail and mitigates safety concerns of people crossing on top of the Harry Lazarenko (Redwood) Bridge when the current path under the bridge is flooded. It is the intention of this project to also mitigate the problem of pathway flooding under the bridge. A raised pathway will be designed to help avoid flooding and to discourage people from crossing at street level where site lines are poor. Lighting would be provided.

There is a remaining budget of $367,591.17 in the 2009 Recreational Walkways and Bike Paths account identified for this project. On April 7, 2009, the Province of Manitoba agreed to contribute $200,000 towards this project. Work regarding the acquisition of an easement or land acquisition has been ongoing for several years in order to move this project forward

The Winnipeg Public Service is recommending a budget of **$400,000** from the **2016 Recreational Walkways and Bicycle Paths** account in addition to the previous budgets, for a total of $767,591.17. This funding will be partially used for the purchase of the required land. Construction would be anticipated in winter of 2016/2017.

3/ Waverley Multi-use Pathway between Bishop Grandin Blvd and Scurfield Blvd
This project was approved as part of the 2013 AT Action Plan for a new bicycle path and pedestrian sidewalk. The planned facility was adapted, due to space limitations, to a multi-use path and additional funding was approved in the 2014 AT Action Plan for this project. The project was then postponed in 2015 due to difficulties in acquiring a required easement. Funding for the project was reallocated in 2015. A detail design of the pathway has been completed. The Winnipeg Public Service is recommending this project now be implemented and is confident the

easement can be acquired. Alternatively the project can be built within the existing right-of-way limits and the small area of path can be completed in conjunction with the future Scurfield Boulevard extension to the east.

The Winnipeg Public Service is recommending a budget of **$300,000** from **2016 Recreational Walkway and Bicycle Paths** account, in addition to the remaining $147,009.84 from the 2013 Recreational Walkways and Bike Paths account previously identified for the Waverley Pathway, for a total of $447,009.84.

4/ St Anne's Road Multi-modal Corridor Study

Multi-modal Corridors are identified in the Pedestrian & Cycling Strategies as streets that present complex challenges to adding cycling facilities to existing Regional Streets. These streets are some of the City's main travel routes, serving trucks, vehicles, transit, pedestrians and cyclists. They are older streets that have varying land uses, parking, loading and usually mature trees. Due to the competing interests in the right-of-way and considerable demands from many kinds of users, including transportation, businesses and residents, in-depth analysis is recommended for these routes. The aim of the corridor study is to determine if cycling facilities can be accommodated or if there is an alternative route better suited for cycling facilities.

St. Anne's Road is a regional mixed-use corridor spanning 7 km within City limits from St Mary's to the Perimeter. It would be part of the Pedestrian and Cycling "spine" network and provides a north to south connection between ten neighbourhoods. At the north termination of St Anne's, it intersects with St Mary's and provides a connection to Downtown. There are currently eight existing and proposed cycling facilities that intersect with St. Anne's including the Fermor Avenue Multi-Use Path and the Bishop Grandin Greenway. The potential for a cycling route along St Anne's would close a significant gap in the cycling network.

St Anne's has been selected for a "Corridor Study" in the 2016 Pedestrian and Cycling Action Plan. It has the potential to provide a strong south to centre connection but presents many challenges for implementation because of the limited right-of-way. As the first study proposed of all of the Corridor Study routes within the PCS, the St Anne's corridor study will be a pilot to set up the framework for future studies on similar multimodal corridors identified in the Pedestrian & Cycling Strategies. St. Anne's was chosen first as it was seen as the simplest of all of the Corridor Study routes and would also provide some geographic equity for study investments.

The Winnipeg Public Service is recommending a budget of **$250,000** from **2016 Recreational Walkways and Bicycle Paths** account.

5/ Pedestrian & Cycling Monitoring

The Active Transportation policy in the *Transportation Master Plan* directs Public Works to "a) Create and maintain and up-to-date database of AT facilities" as well as to "b) Develop a process to monitor effectiveness of AT networks." The PCS emphasizes that a monitoring program is essential to ensure that the Winnipeg Public Service is implementing the Strategies as intended and appropriately allocating funding to priority projects. Public Works currently monitors pedestrian and cycling activity through a limited number of counters on paths and sidewalks. In order to demonstrate public demand and identify infrastructure deficiencies, the Winnipeg Public Service is recommending expanding the monitoring program by increasing the inventory of counters and monitoring services

The Winnipeg Public Service is recommending a budget of **$50,000** from the **2015 Transportation Master Plan** account.

Appendix B

This Appendix is a review of all Pedestrian and Cycling projects previously approved by Council in 2015.

All annual Pedestrian and Cycling Action Plans authorize the Director of Public Works to prioritize other walking and cycling projects if extra funding is available due to projects being completed below estimates. This document will identify the status of projects approved in the 2015 Pedestrian and Cycling Action plan and identify all 2015 projects that have been completed under budget or have been postponed. In addition, this report identifies where the remaining funding has been reallocated.

2015 New Regional Sidewalks

The sidewalk at the north side of Sargent Avenue between Milt Stegal Drive to Strathcona Street will be completed in 2016. The project required coordination with the CP rail company for crossing improvements, which is currently in process.

2015 New Non-Regional Sidewalks

The construction of a sidewalk on the east side of Donan Street between Murray Avenue and Park Manor Blvd was successfully completed in 2015.The surplus of $33,935.85 will be used to Update Sidewalk Requirements in New Developments.

2015 Bicycle Corridors

Public Education and Awareness

$113,464.95 was expended to facilitate the following promotional and educational programs:

- Commuter Challenge
- International Trails Day
- Rivers West
- Bike Week
- Bike to School
- The WRENCH (Winnipeg Repair Education and Cycling Hub)

Pedestrian and Cycling Conferences

The Active Transportation Advisory Committee recommended that funding be set aside to enable decision makers the opportunity to attend important conferences related to the encouragement of pedestrian and cycling activities. In September of 2016 the Pro Walk/Pro Bike conference will be held in Vancouver. Two Councillors will be invited to attend the conference. A budget of $9,971.70 remains in the account.

2015 Winnipeg Cycling Map

A new cycle map was not completed in 2015. A reprint of 30,000 copies of the 2014 Winnipeg Cycling Map was completed utilizing money, identified for the cycling map, from the 2014 Active Transportation Corridors account. The remaining amount of $30,073.18 from the 2014 Active Transportation Corridor account and $29,046.82 from the 2015 Bicycle Corridors account for Cycling Maps will be used to create a 2016 map in print and digital formats. A surplus inventory of 2014 maps is available for ongoing distribution until the 2016 map is complete.

The following three projects have been tied into one contract:

The Forks to Assiniboine Cycle Track Connection
The functional design and public consultation for this project was rolled into the Downtown Protected Bike Lane System (Fort/Garry Preliminary Neighbourhood Consultation). The project is moving forward as planned with anticipated construction in 2016.

Downtown Protected Bike Lane System (Fort Garry Preliminary Neighbourhood Consultation)
This project is moving forward as planned. Public Consultation is on-going, and development of functional designs are underway. The study is expected to be complete in the Spring of 2016.

McDermot Neighbourhood Greenway Functional Design
Public and stakeholder engagement and functional design is underway for this project. It is proceeding on schedule. Expected study completion is Spring 2016.

The Winnipeg Public Service recommends the estimated remaining surplus of $100,000 from the above three combined projects be reallocated to the North East Pioneers Greenway Connection to Archibald Street.

2015 Recreational Walkways and Bike Paths

The Chancellor Matheson Pathway from Investors Group Field to Pembina Highway
On September 30, 2015, Council adopted the following motion by the Standing Policy Committee on Infrastructure Renewal and Public Works as part of the 2015 Pedestrian an Cycling Action Plan:

> That the Winnipeg Public Service be directed to fund The Chancellor Matheson Pathway from Investors Group Field to Pembina Highway Project, in an amount to be determined by the Winnipeg Public Service but not to exceed $350,000.00, by identifying budget surpluses from approved projects in the 2015 Capital Local Street Renewals, Alley Renewals, Thin Bituminous Overlays and Granular Roadway Improvements Program, and if a shortfall still exists, from a First Call on the 2016 Capital Local Street Renewals, Alley Renewals, Thin Bituminous Overlays and Granular Roadway Improvements program, and that any residual Active Transportation Funding be put into the 2016 Active Transportation budget.

This project is now complete and in service. $350,000 from the 2014 Recreational Walkways and Bike Paths account and 2012 Active Transportation Corridors account was spent towards this project. This project was budgeted in the 2015 Pedestrian and Cycling Action Plan as follows:

- $150,000 - Surplus from the 2014 Recreational Walkways and Bike Paths - Sherbrook Parking Protected Bike Lane approved as part of the 2014 AT Action Plan
- $199,212.50 - From the postponed 2014 Recreational Walkways and Bike Paths - Waverley Multi-use Pathway approved as part of the 2014 AT Action Plan
- $166,000 - 2015 Bicycle Corridors
- $650,000 - 2015 Recreational Walkways and Bike Paths
- $134,000 – Other Surplus AT funding as referenced in Appendix B.

The Winnipeg Public Service recommends that the remaining surplus of $135,794.78 from the 2014 Recreational Walkways and Bike Paths account be reallocated to the North East Pioneers Greenway Connection to Archibald Street project (84,469.78) and the Update Sidewalk Requirements in New Developments project ($51,325.00).

The Winnipeg Public Service recommends that the remaining surplus of $647,887.50 from the 2015 Recreational Walkways and Bicycle Paths account be reallocated to the Northwest Hydro Corridor project ($372,887.50) and The Forks to Assiniboine Cycle Track Construction project ($275,000.00).

The Winnipeg Public Service recommends that the remaining surplus of $165,530.22 from the 2015 Bicycle Corridors account be reallocated in support of the North East Pioneers Greenway Connection to Archibald project.

Waverley Multi-Use Pathway between Bishop Grandin Blvd and Scurfield Blvd.
In the 2015 Pedestrian and Cycling Action Plan, the Winnipeg Public Service recommended that $50,000 of the sale proceeds from Sterling Lyon Parkway and Paget Street remain in the Waverley Multi-use Pathway project to compete the easement acquisition. Remaining funding of $111,437.31 was not reallocated to another project in the area, as recommended, and remains in the 2013 Recreational Walkways and Bike Path account along with the $35,572.53 remaining of the approved $50,000 budget. This project is recommended to proceed in the 2016 Pedestrian and Cycling Action Plan.

Northwest Hydro Corridor Pathway (Phase 1)
Design is underway for the first phase of this project. The City is negotiating with Manitoba Hydro to acquire the necessary approvals and easements to build the pathway. The project is proceeding as planned. The Winnipeg Public Service has recommended that surplus budget of $372,887.50 from the Chancellor Matheson Pathway in the 2015 Recreational Walkways and Bicycle Paths account be reallocated to implement this project. The remaining $69,580.87 of the approved $350,000 budget in the 2015 Recreational Walkways and Bicycle Paths account has been allocated for the first phase of this project.

<u>A summary of the surplus Pedestrian and Cycling funding identified in this report is below:</u>

2012 Recreational Walkways and Bike Paths – Various Locations - $8,836.05
2014 Recreational Walkways and Bike Paths – Chancellor Matheson Pathway - $135,794.78
2015 Bicycle Corridors – Various Locations - $265,530.22
2015 New Non-Regional Sidewalks – Donan St from Murray Ave to Park Manor - $33,935.85
2015 Recreational Walkways and Bicycle Paths – Chancellor Matheson Pathway - $647,887.50

Total $1,091,984.40

Appendix C

Pedestrian and Cycling Projects Recommended for Construction in 2016

Project	Public Works 2016 Capital Budget	Other Funding Sources	
2016 New Regional Sidewalks			
1/ Smith Street Sidewalk btw Graham Ave & St Mary Ave	$425,000.00	$139,770.52	2014 Regional Sidewalks
2/ Lagimodiere Blvd btw East Mint Pl and Burmac Rd	$225,000.00		
3/ Sargent at Toronto--New Pedestrian Crossing	$50,000.00		
4/ Sargent at Agnes—New Pedestrian Crossing	$45,000.00		
5/ St Matthews at Maryland—New Pedestrian Crossing	$50,000.00		
6/ Sherbrook Pedestrian & access to Transit Upgrades	$205,000.00		
Total 2016 New Regional Sidewalks	**$1,000,000.00**	**$139,770.52**	

Project	Public Works 2016 Capital Budget	Other Funding Sources	
2016 New Non-Regional Sidewalks			
1/ Downing St from Wellington Ave to Sargent Park Pl	$150,000.00		
2/ Howden Rd between Humber Rd and Betournay St	$150,000.00		
3/ Update Sidewalk Requirements in New Developments		$94,096.90	2015 New Non-Regional Sidewalks; 2012 Recreational Walkways and Bike Paths;2014 Recreational Walkways and Bike Paths

Total 2016 New Non-Regional Sidewalks	**$300,000.00**	**$94,096.90**	

Project	Public Works 2016 Capital Budget	Other Funding Sources	
2016 Bicycle Corridors			
1/ The Forks to Assiniboine Cycle Track Connection--Construction	$200,000.00	$275,000.00	2015 Recreational Walkways and Bicycle Paths
2/ North East Pioneers Greenway Connection to Archibald		$350,000.00	2015 Bicycle Corridors; 2014 Recreational Walkways and Bike Paths
3/ Bike Parking Grant	$105,000.00		
4a/ Commuter Challenge Grant (2017)	$20,000.00		
4b/ International Trails Day Grant (2017)	$10,000.00		
4c/ Rivers West Grant (2017)	$15,000.00		
4d/ Bike Week Grant (2017)	$30,000.00		
4e/ Bike to School Grant (2017)	$10,000.00		
4f/ Wrench Grant (2017)	$20,000.00		
5/ Winnipeg Cycling Map	$15,000.00	$59,120.00	2015 Bicycle Corridors; 2014 Active Transportation Corridors
6/ Downtown Pedestrian Wayfinding Study	$25,000.00		
7/ Ruby/Banning Neighbourhood Greenway Study	$150,000.00		
8/ Seven Oaks to Kildonan Dr Crossing of the Red River Study	$450,000.00		
9/ Seine River Crossing Study	$200,000.00		
10/ McDermott/Bannatyne Bike Facility Upgrade Study	$250,000.00		
Total 2016 Bicycle Corridors	**$1,500,000.00**	**$684,120.00**	

Project	Public Works 2016 Capital Budget	Other Funding Sources	
2016 Recreational Walkways and Bicycle Paths			
1/ Northwest Hydro Corridor/McPhillips Greenway (Phase 1)	$350,000.00	$542,468.37	2015 Recreational Walkways and Bicycle Paths; 2014 Recreational Walkways and Bike Paths
2/ North Winnipeg Parkway Between St. John's Park and South of Redwood Ave	$400,000.00	$367,591.17	2009 Recreational Walkways and Bike Paths – North Winnipeg Parkway
3/ Waverley Pathway— Bishop Grandin Blvd and Scurfield Blvd	$300,000.00	$147,009.84	2013 Recreational Walkways and Bike Paths
4/ St Anne's Rd Multi-modal Corridor Study	$250,000.00		
5/ Pedestrian & Cycling Monitoring		$50,000.00	2015 Transportation Master Plan
Total 2016 Recreational Walkways and Bicycle Paths	**$1,300,000.00**	**$1,107,069.38**	

Total 2016 Capital Budget Requirements	**$4,100,000.00**	**$2,025,056.80**	**$6,125,056.80**