

Appendix C  
Summary of Directions and Timelines

WSP Parking Study Ref.	WSP Recommendations  WSP Priority I = 2016 /2017 WSP Priority II = 2018/2023 WSP Priority III = 2024/2029	WSP Priority Rating	Est. Costing	Exhibition Place Staff Comments	Proposed Date
	<b>New Parking Structure</b>				
1.8.1	<ul style="list-style-type: none"> <li>• NPV over 30 Years @ 5% discount rate</li> <li>-1000 space is (\$62.83M)</li> <li>-150 space Lot 4 – Prefab (\$2.03M)</li> <li>-1000 space Lot A or 4 Prefab (\$13.17M)</li> <li>• Payback period of 19.5 years for a 150 space prefab structure on the assumption of interest free capital of \$4M, could be financially viable</li> <li>• Review future partnership opportunities with Ontario Place to share in development of a parking structure/underground garage</li> </ul>			Review financial feasibility of 150 space prefab structure with TPA and report back to Finance & Audit Committee	2016
	<b>Parking Supply – Short Term</b>				
1.8.2	Short-term period supply is adequate with the return of hotel spaces		\$50,000	Lot P has opportunity for more spaces if storage and dirt moved. Working with Honda Indy and RAWF to relocate storage.	2016/2017
	Optimize parking spaces in Lot 4	I/II	\$1,600,000	Part of future Capital Budget planning	
	Optimize parking spaces in Lot 5	I/II	\$400,000	Part of future Capital Budget planning	
	Optimize parking spaces in Lot 6	I/II	\$300,000	Part of future Capital Budget planning	
1.8.2	<b>Parking Supply – Medium Term</b>				
	Maintain parking spaces at approximately 5,800, based on current events and tenant needs			Analysis on any future development at Exhibition Place to be based on maintenance of 5,800 parking spaces	
	If Festival Plaza development results in measurable loss of parking, replace with a transit incentive.	II / III		Any future designs / development of Festival Plaza will consider this direction.	
	Contingency plan for major large events (Papal/Winter Classic)	I		Completed. Staff Parking Task Force setup for BMO Field construction and will continue and be rolled out for any major large “one-off” event in the future.	2015 / 2016
1.8.2	<b>Parking Supply – Long Term (10 Years)</b>				
	Any expansion of Enercare Centre or development in the vicinity of Enercare Centre or Festival Plaza include additional parking	II / III		Recommend inclusion in future Strategic and Structure Plans for Exhibition Place	
	Contingency plan for maximum parking events including expanded transit, offsite parking and shuttle			Completed. Staff Parking Task Force setup for BMO Field construction considered all of these areas.	
	Re-examine parking structure if redevelopment of Ontario Place increases demand			Recommend inclusion in future Strategic and Structure Plans for Exhibition Place	
1.8.3	<b>Transit Infrastructure</b>				
	Ongoing meetings with Ontario Place, Liberty Village BIA,RPA,NA, and local political representatives with TTC and Metrolinx	II		Will work to set up such a group in 2016	2016
	Exhibition Place, Ontario Place, TTC, and Metrolinx develop a service protocol that identifies the various types of service, when, how and cost	II	TBD	Extra GO train services for special events	2018
	Exhibition Place and Ontario Place meet with Metrolinx Strategic Business Development to develop a partnership opportunity (2% of special events	I	\$150,000	Not budgeted currently. To develop a strategy in 2016 to recommend funding mechanisms for implementation in 2017.	2017

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	revenues)				
	Improve existing transit facilities on Exhibition Place & visibility of bus stops on ground and info on service hours			Work with TTC on better signage. Provide bus shelters (see below).	2016
	Provide bus shelters and schedules on Manitoba at Nova Scotia and Saskatchewan, and bus loop on Canada Drive	I	\$40,000	Meet with TTC to explore location, funding, etc. Liberty BIA has indicated they would be interested in participating in this initiative.	2016
1.8.4	<b>Parking Demand Management – Event Scheduling</b>				
	Monthly Core Team meeting			Internal meetings already in place, expand to include Ontario Place Request membership on the Mayor's Event Planning group Request membership on the Bremner Events group	2016-2017
	Minimize Overlap of Major Events			Staff working with MLSE, tenants to flag peak days and implement traffic management procedures.	Ongoing
1.8.4	<b>Parking Demand Management – Pricing Structure</b>				
	Develop Parking rates that reflect location of event, current market and off-site events			Staff to bring recommendations to Finance & Audit Committee in June 2016	2016
	Develop/adopt parking rates to help manage parking on-site through pricing structure that prices by distance from event site.			Consider as part of annual parking lot price review and report to Finance & Audit Committee.	2016
	Provide incentives to guest who car/vanpool			Preferred parking spaces already provided.	Completed
1.8.4	<b>Parking Demand Management –Non-Auto Travel</b>				
	Improve/increase cycling facilities including Toronto Bike Share Inventory		\$8,000	Bike path plans completed & will be implemented in Fall 2016 after completion of construction. Funding allocated within 2016 Operations Budget.	2016
	Increase number of on-site bike racks/lockers (from 550 to 1000) with 400 close to BMO Field, increase the 250 in garage and near Enercare to 400		\$40,000	Work with TPA on future Bike Share opportunities Review location relative to other site users and implement.	2016 / 17 2016-2017
	Long term increase racks/lockers to 1500	III		Build in future budgets. Look for funding sources.	2020
	Signage for bike storage and communication to guests		\$2,000	Update website and review on-site signage	2016
	Continue to provide increased bike storage during special events – CNE, Indy			Implemented in the past and will continue.	Completed
	Incorporate secure and sheltered bike storage in future parking structure expansion	II / III		Include in future Structure and Strategic Plans	
	Increase width of sidewalks and pathways		\$75,000	2016 Capital Budget includes allocation of \$75,000 for pathways and continue to include annually in SOGR Capital Budget	Completed
1.8.5	<b>Parking Equipment and Technology – Pay and Display</b>				
	Utilize existing pay and display more			Use of pay and display has decreased since 2012. This is due to the various construction projects. Need to plan to increase usage.	2016
	Upgrade network from 2G to 3G	I	\$75,000	Pricing received from TPA, \$1895/meter (30 meters) – Consult with TPA on upgrade	2017
	Investigate "Tap&Go"	II	\$20,000	Work with TPA to investigate system being implemented by TPA in City garages &	2018

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				introduce the same system at EP	
	Acquire Parking Management Software tied to Financials and KPI's	II	\$75,000	Alternate is a KPI system developed using Access and Excel. Work with TPA on developing KPI's	2020
1.8.5	<b>Parking Equipment and Technology – Other</b>				
	Upgrade Enercare garage from Pay on Entry to Pay on Foot	II	\$0.5M	Includes complete system, entry/exit terminal, 3 pay stations, software, gates, and install (would include Parking Management Software \$75K noted above in 1.8.4)	2020
	Investigate full automated Parking Guidance Systems	III	\$3.0M	Major capital expenditure. Would explore for garage first.	2024-2029
	Investigate Pre-purchase Online app to pre-buy permit	II	\$75,000	TPA has started to introduce this system in City garages. Work with TPA to bring system to EP.	2018
	Investigate Mobile Payment & work with TPA on deployment of mobile pay	I	\$10,000	User fee is \$.25 to \$.35 applied per transaction. Had initial meetings with TPA looking to roll out in 2016	2016
1.8.6	<b>Digital Parking Information</b>				
	Install a "Lot Full" display sign at east and west side of garage	II	\$50,000	Done manually now. Integrate in new wayfinding signage plan.  Seek Planning approval for new dedicated building / additional wayfinding sign and proposed budget.	2016  2018
	Digital information at selected entry points to grounds and major lots			Integrate with wayfinding being done	
	Website improvements with dynamic information on all modes of transportation	II	\$40,000	Develop a user friendly multi-modal transportation, dynamic, realtime website to replace current static website.	2018
1.8.7	<b>Site Operations &amp; Management – Communication, Signage, Personnel</b>				
	Designate a Parking & Traffic Coordinator			Currently the Parking Manager supported by Parking Coordinators for each event Security Manager coordinates TTC notification, road closures	2016
	Build on pending wayfinding to implement additional signage at every site entry, and parking lot entry and exit point			Will need co-operation of City Planning to implement and additional funding in Capital Budget. Present approved plan is 6 new wayfinding signs.	2020
	Name or number each lot (bigger fonts, more colour, reflective)		\$20,000/sign	Develop design and funding program for Lots signage and include in 2017 budget cycle.	2017
	Improve signage and wayfinding between Ontario Place and Exhibition Place			Temporary signage done for concert season. To review with Ontario Place future enhancements	2017
	Digital signs of parking availability at each parking lot and garage			Will incorporate in new wayfinding sign and explore new permanent sign for underground garage. Need to determine funding.	2016
	Parking ops staff training on operation of parking equipment on site, customer service, parking and traffic management measures			Training is ongoing. Refresh all training in 2016	2016
	Provide Customer Service Ambassadors onsite at major entry points during major events		\$785/event day for CS	Designed & implemented in 2015 and 2016. Proposed for MLSE events. MLSE to fund their events	2016
1.8.7	<b>Site Operations &amp; Management – Accessibility / Pickup &amp; Drop Off</b>				
	Clear and accessible pathways between lots, transit and major buildings		\$75,000/year	2016 Capital Budget includes allocation of \$75,000 for pathways and continue to include annually in SOGR Capital Budget	2016 & ongoing

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	Increase number of sidewalks and widths to accommodate wheelchairs, scooters, strollers			As above	2016 & ongoing
	More visible wayfinding showing elevators, ramps			As above	2016 & ongoing
	Accessible entry point for BMO should be more visible and better marked			MLSE advised of concern	2016
	Designate pickup/drop off			Done on an event basis	Completed
	Designate pickup/drop off in new Festival Plaza design			Part of future planning	2020
	Designate pickup/drop off for tour buses and motor coach			Done on an event basis	Completed
1.8.7	<b>Site Operations &amp; Management – Safety &amp; Security</b>				
	Reduce cash transactions other than by pay and display			See above – working with TPA to introduce mobile pay.	2016
	Improve lighting (volume and wattage) throughout site				
	Increase number of security surveillance cameras on site (particularly in surface parking lots)		\$353,000	Security review underway. Future consideration for Capital Budget, Budgeted in 2020 (\$85,000) and 2021 (\$268,000)	2020/2021
1.8.7	<b>Site Operations &amp; Management – Parking Maintenance</b>				
	Budget 10% of parking revenue for maintenance		\$730,000 suggested	To review in future budgets. Spent \$325,000 in 2015 on maintenance in 2015 (4.5%)	2017
	Allocate 1% of parking capital assets for upgrades			Will consider as part of the 2017 Capital Budget submission	2016
	Undertake a physical “state of good repair” inventory to establish 5 and 10 year budget priorities		\$15,000	Commission a Building assessment for the Underground garage as part of the 2016 Capital Budget	2017
1.8.8	<b>Traffic Management Plan – Short Term</b>				
	Reduce or Eliminate through traffic on Exhibition Place				
	Permanently close the roadway through Princes’ Gates			Currently done with temporary measures; retrofit with removable bollards	2016
	Restripe British Columbia Road between Lakeshore and Saskatchewan to accommodate 3 travel lanes. Centre lane as a reverse traffic lane.			Review with City Transportation as this is the extension of Dufferin Street. If approved by City Transportation, then determine funding and allocate.	2017 / 2018
	Work with Toronto Traffic Management Centre on a protocol for traffic signals at entry points				
	Provide paid duty at signalized access points during major events		\$2,087/event	Budget for this in Exhibition Place Parking budget and work with MLSE to provide this service during their major events at MLSE cost	2016
	All way stops at Nova Scotia and Manitoba, and at Quebec St and Manitoba			Board approved December 4, 2015 the all way stop at Nova Scotia and Manitoba. Staff reviewing the stop at Quebec and Manitoba	2016
	Paid duty officer at Nova Scotia and Manitoba during TFC games		\$940/game	Plan to be presented to MLSE for approval and funding.	2016
	Interlocking brick or other roadway treatment to alert motorist at high pedestrian areas at GO Transit and Manitoba, and TTC and Manitoba			To plan following completion of BMO Field construction. Work with clients, CNEA, Honda Indy to understand any event impact	2017
1.8.8	<b>Traffic Management Plan – Long Term</b>				

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	When Festival Plaza is implemented, redesign Lots 1, 2 & 3 to: <ul style="list-style-type: none"> <li>• realign Nova Scotia and New Brunswick Way</li> <li>• realign Princes' Blvd. to terminate at Nova Scotia</li> <li>• close Princes' Blvd. between Nova Scotia and Ontario to vehicular traffic</li> </ul>	II / III		This will be a future consideration as part of the Long Term Capital Plan.	2020
	All signalized access points to be coordinated and controlled through Toronto Traffic Management Centre (TTMC) during Major events			Exhibition Place staff will meet with TTMC to review and establish protocols for all Major Events. May be a cost for the additional monitoring.	2016