

Option	Details	Street Characteristics (truck routes, % res, com, multi unit)	Signalized Intersections	Pedestrian / Cycling Infrastructure	Community Facilities / Features	Technical Constraints	Environmental Features	Cost	Summary
1a	Birch; Barton; Wentworth	<p>Birch: 3 lanes southbound with right hand turn lane, sidewalks on both sides, no on-street parking allowed Princess to Barton:</p> <p>Barton: 5 lanes, two way traffic (2 lanes traffic each/1 turning centre lane), sidewalks on both sides, limited on-street parking (15 parking meters); mixed use; Petro Canada, Public Library, Pharmacy</p> <p>Wentworth: 3 lanes, one-way traffic, sidewalks on both sides, on-street parking (some exceptions)</p> <p>Full time truck route</p> <p>86 driveways</p>	12	Sidewalks on both sides of all streets	<ul style="list-style-type: none"> - Cathedral High School - Cathedral Children’s Centre - Church of God of Prophecy - Wentworth Baptist Church - Cathy Wever Elementary School - Ridgecrest Church - Hamilton Korean Presbyterian Church - Calvin John Hungarian Presbyterian Church - City of Hamilton Library - Gibson Public School - Birch Park along wedge edge of Birch (between Barton and Princess) 	<p>Impacts traffic; as reduces Barton St E by additional traffic lane (already reduced due to cycling route)</p> <p>Hydro Corridor (west side)</p>	No significant environmental features noted along this route	<p>High cost associate with relocating hydro towers.</p> <p>Estimated cost for Spur Line Connection: \$80.8M</p>	<p>Pre-Screen: hydro corridor along Birch is costly to relocate/bury.</p> <p>MODERATE RISK</p>
1b	Wentworth (into facility via abandoned tracks)	<p>Wentworth: 3 lanes, one way traffic (King to Barton), 4 lanes, two-way traffic (Barton to abandoned rail line), sidewalks on both sides, street parking (some exceptions); no stopping 4-6pm on east side from Barton to Cannon; one hour parking allowed 8am-6pm on west side</p> <p>Full time truck route</p> <p>98 driveways</p>	8	Sidewalks on both sides of street	<ul style="list-style-type: none"> - Cathedral High School - Cathedral Children’s Centre - Church of God of Prophecy - Wentworth Baptist Church - Cathy Wever Elementary School 	<p>Safety concerns – at-grade crossing</p> <p>Fire Station 6, northeast corner of Wentworth and Barton</p> <p>Abandoned rail line seen to be unfeasible in providing LRT spur line access into the MSF</p>	No significant environmental features noted along this route.	<p>Estimated cost for Spur Line Connection:</p>	<p>Pre-Screen: at-grade rail crossing is considered cost prohibitive to convert to grade-separated</p> <p>Use of abandoned rail line considered unfeasible.</p> <p>MOST RISK</p>
2a	Birch; Barton; Sanford	<p>Birch: 3 lanes southbound with right hand turn lane, sidewalks on both sides, no on-street parking allowed</p> <p>Barton: four lanes, two way traffic, sidewalks on both sides, limited on-street parking (some exceptions)</p> <p>Sanford: 3 lanes, one way traffic, sidewalks on both sides, 1 lane of street parking; 1 hour parking (8am-9pm M-Sa) allowed with 20 on-street spots</p> <p>Full time truck route</p> <p>124 driveways</p>	10	Sidewalks on both sides of all streets	<ul style="list-style-type: none"> - Sanford Avenue School - Ridgecrest Church - Hamilton Korean Presbyterian Church - Calvin John Hungarian Presbyterian Church - City of Hamilton Library - Gibson Public School - Birch Park along wedge edge of Birch (between Barton and Princess) - Norman ‘Pinky’ Lewis Rec Complex - Catholic Children’s Aid Hamilton 	Hydro Corridor (west side)	No significant environmental features noted along this route.	<p>Estimated cost for Spur Line Connection: \$72.3M</p>	<p>Pre-Screen: hydro corridor along Birch considered costly to bury/relocate</p> <p>MODERATE RISK</p>
2b	Birch; Princess; Myler; Sanford	<p>Myler/ Princess: 2 lanes, two way traffic, sidewalks on both sides, on-street parking on Princess; Myler (some exceptions)</p>	8	Sidewalks on both sides of all streets/crosswalks	<ul style="list-style-type: none"> - Sanford Ave School - Woodland Park - Catholic Children’s Aid Hamilton 	Tight radius for turning movement; City owned parkland required to avoid designated cultural heritage	No significant environmental features noted along this route	<p>Estimated cost for Spur Line Connection:</p>	<p>Pre-Screen: several tight turning radius along the route adds to complexity of providing reliable inbound and outbound linkages to the B-Line and</p>

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		Sanford (south of Barton): 3 lanes, one way traffic, sidewalks on both sides, 1 lane of parking Sanford (north of Barton): two lanes, two-way traffic, sidewalks on one side, street parking (some exceptions) Full time truck route (except for Princess; Myler) 106 driveways				building		\$64.0	MSF ; location of heritage building to cause issues for turning radius MOST RISK
3a	Birch; Cannon; Sanford	Birch: 3 lanes southbound with right-hand turn lane (site to Barton); sidewalk both sides, no on-street parking. 3 lanes southbound plus parking east side (Barton to Cannon) Cannon: 4 lanes, one way, sidewalks on both sides, street parking (some exceptions) Sanford: 3 lanes, one way between King and Cannon, sidewalks on both sides, street parking (some exceptions) Full time truck route 104 driveways	10	Sidewalk along both sides of all streets, except section on Birch (between Barton and Princess – broken) Future bike lanes proposed on Cannon and Wilson (from Sanford to Birch)	Gibson Public School - Powell Park along west edge of Birch (between Cannon and Barton) - Birch Park along wedge edge of Birch (between Barton and Princess) - Catholic Children’s Aid Hamilton	Hydro corridor (west side)	No significant environmental features noted along this route.	Estimated cost for Spur Line Connection: \$66.8	Pre-Screen: hydro corridor along Birch considered costly to bury/relocate MODERATE RISK
3b	North on Sherman; west on Cannon; north on Birch. South on Birch; west on Cannon St E; south on Sanford	Sherman: 4 lanes (2 directions King to Wilson); 4 lanes northbound (Wilson to Cannon) Cannon: 4 lanes, one way, sidewalks on both sides, on-street parking allowed on north side (2hr limit); south side no parking allowed Birch: 3 lanes southbound with right-hand turn lane (site to Barton); sidewalk both sides, no on-street parking. 3 lanes southbound plus parking east side (Barton to Cannon)(some restrictions) Sanford: 3 lanes, one way between Hwy 8 and Cannon, sidewalks on both sides, on-street parking with metered parking; no stopping 7am-9am	10	Sidewalk along both sides of all streets, except section on Birch (between Barton and Princess – broken) Future bike lanes proposed on Sherman (Cannon/Wilson merge area), and along Cannon from Sherman to Birch	Gibson Public School - Powell Park along west edge of Birch (between Cannon and Barton) - Birch Park along wedge edge of Birch (between Barton and Princess) - Catholic Children’s Aid Hamilton	Hydro corridor (west side)	No significant environmental features noted along this route.	Estimated cost for Spur Line Connection: \$81.2	Pre-Screen: hydro corridor along Birch considered costly to bury/relocate Provides redundancy for both inbound and outbound travel MODERATE RISK

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		Full time truck route (except Birch between Cannon and Barton)							
		97 driveways							
4a	Birch; Princess; Sherman	<p>Birch: 3 lanes southbound, sidewalks on both sides, no street parking</p> <p>Princess: 2 lanes, two way traffic, sidewalks on both sides, street parking on both sides. Local road</p> <p>Sherman: 3 lanes northbound (Princess to Barton, separate parking on west) – 3 hr parking; 3 lanes (Barton to Cannon, parking on west) – 3 hr parking; 4 lanes (Cannon to Wilson) with two hour parking on west side; 2 lanes per direction (Wilson to King) no parking south of King. approximately 50 parking spots between Cannon and Princess on west side;</p> <p>Full time truck route (except Princess)</p>	8	<p>Sidewalks/ crosswalks</p> <p>Impacts – bike lanes proposed on Sherman (Cannon/Wilson merge area)</p>	<ul style="list-style-type: none"> - Birch St. Dog Park - St. Ann’s Rectory - St. Ann’s Separate School - Early Years, St. Ann’s Hamilton 	Property required on north east corner of Princess and Birch to accommodate turning movement	No significant environmental features noted along this route	Estimated cost for Spur Line Connection: \$61.4	Pre-Screen: Princess is a local street; however option can be carried forward for further consideration.
		76 Driveways							MODERATE RISK
4b	Abandoned rail tracks; Sherman	<p>Sherman: 3 lanes northbound (abandoned rail tracks to Barton, separate 3 hr parking on west), 3 lanes (Barton to Cannon), 3 hr parking on west, 4 lanes (Cannon to Wilson) with two hour parking on west side; 2 lanes per direction (Wilson to King) no parking south of Wilson. Approximately 50 parking spots between Cannon and Princess on west side</p> <p>Full time truck route</p>	8	<p>Sidewalks/ crosswalks</p> <p>Impacts - Bike lanes proposed on Sherman (Cannon/Wilson merge area)</p>	<ul style="list-style-type: none"> - Early Years – St. Ann - St. Anne Rectory - St. Ann Separate School 	Safety concerns – at-grade crossing	No significant environmental features noted along this route.	Estimated cost for Spur Line Connection: \$	Pre-Screen: at-grade rail crossing is considered cost prohibitive to convert to grade-separated
		32 driveways							MOST RISK
5	Birch; Wilson; Sherman; Cannon	<p>Birch: 3 lanes southbound with right-hand turn lane (site to Barton); sidewalk both sides, no on-street parking. 3 lanes southbound plus parking east side (Barton to Cannon) (some restrictions); 3 lanes southbound no parking (some exceptions) (Cannon to Wilson)</p> <p>Wilson: 4 lane, one way traffic, sidewalks on both sides, on-street parking allowed on north side. No parking – snow route and No Parking 2nd Wednesday of each</p>	10	<p>Sidewalks/ crosswalks</p> <p>No bike lanes present</p> <p>Impacts – bike lanes proposed on Wilson from Sherman to Birch</p>	<ul style="list-style-type: none"> - Birch St. Dog Park - Birch Park - Gibson Public School - Calvin John Hungarian Presbyterian Church - Powell Park 	Hydro corridor (west side)	No significant environmental features noted along this route.	Estimated cost for Spur Line Connection: \$65.4	Pre-Screen: hydro corridor along Birch considered costly to bury/relocate
									MODERATE RISK

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		<p>month 8am-12pm April – Nov.</p> <p>Sherman: 4 lane (Cannon to Wilson); 2 lanes per direction (Wilson to King), sidewalks on both sides. No parking south of Wilson; otherwise 2 hour parking west side</p> <p>Full time truck route (except Birch (Barton to Cannon – part time) and Wilson)</p> <p>94 Driveways</p>							
6	Birch; Wilson; Cannon; Sanford	<p>Birch: 3 lanes southbound with right-hand turn lane (site to Barton); sidewalk both sides, no on-street parking. 3 lanes southbound plus parking east side (Barton to Cannon) (some restrictions); 3 lanes southbound no parking (some exceptions) (Cannon to Wilson)</p> <p>Wilson: 4 lane, one way traffic, sidewalks on both sides, on-street parking on north side. No parking – snow route and No Parking 2nd Wednesday of each month 8am-12pm April – Nov.</p> <p>Cannon: 4 lanes, one way, sidewalks on both sides, street parking (some exceptions)</p> <p>Sanford: 3 lane, one way traffic, no on-street parking allowed</p> <p>Full time truck routes (except Birch (Barton to Cannon – part time) and Wilson)</p> <p>100 Driveways</p>	10	<p>Sidewalks/ crosswalks</p> <p>No bike lanes present</p> <p>Impacts – bike lanes proposed on Wilson from Birch to Sanford</p>	<ul style="list-style-type: none"> - Birch St. Dog Park - Birch Park - Gibson Public School - Calvin John Hungarian Presbyterian Church - Powell Park - Catholic Children’s Aid Hamilton 	Hydro corridor (west side)	No significant environmental features noted along this route.	Estimated cost for Spur Line Connection: \$75.9	<p>Pre-Screen: hydro corridor along Birch considered costly to bury/relocate</p> <p>MODERATE RISK</p>
7	Birch; Wilson; Sherman; Sanford	<p>Birch: 3 lanes southbound with right-hand turn lane (site to Barton); sidewalk both sides, no on-street parking. 3 lanes southbound plus parking east side (Barton to Cannon) (some restrictions); 3 lanes southbound no parking (some exceptions) (Cannon to Wilson)</p> <p>Wilson: 4 lane, one way traffic, sidewalks on both sides, on-street parking on north side. No parking – snow route and No Parking 2nd Wednesday of each month 8am-12pm April – Nov.</p>	10	<p>Sidewalks/ crosswalks</p> <p>No bike lanes present</p> <p>Impacts – bike lanes proposed on Wilson between Sanford and Sherman</p>	<ul style="list-style-type: none"> - Powell Park along west edge of Birch (between Cannon and Barton) - Birch Park along wedge edge of Birch (between Barton and Princess) - Catholic Children’s Aid Hamilton 	Hydro corridor (west side)	No significant environmental features noted along this route.	Estimated cost for Spur Line Connection: \$71.1	<p>Pre-Screen: hydro corridor along Birch considered costly to bury/relocate</p> <p>MODERATE RISK</p>

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8	Birch; Cannon; Sanford; Barton	<p>Sherman: 4 lane northbound (Cannon to Wilson); 2 lanes per direction (Wilson to King), sidewalks on both sides. No parking south of Wilson; otherwise 2 hour parking west side</p> <p>Sanford: 3 lane, one way traffic, no on-street parking allowed. Some parking on east side near King</p> <p>97 Driveways</p> <p>Birch: 3/4 lane, one way traffic, sidewalks on both sides, on-street parking (Barton to Cannon) (some restrictions)</p> <p>Cannon: 4 lanes, one way, sidewalks on both sides, street parking (some exceptions)</p> <p>Sanford: 3 lane, one way traffic, no on-street parking allowed</p> <p>Barton: Four lanes, two way traffic, sidewalks on both sides, limited on-street parking (some exceptions)</p> <p>114 Driveways</p>	10	<p>Sidewalks/ crosswalks</p> <p>No bike lanes present</p> <p>Impacts – bike lanes proposed on Cannon between Birch and Sanford</p>	<ul style="list-style-type: none"> - Powell Park along west edge of Birch (between Cannon and Barton) - Birch Park along wedge edge of Birch (between Barton and Princess) - Catholic Children’s Aid Hamilton 	Hydro corridor (west side)	No significant environmental features noted along this route.	Estimated cost for Spur Line Connection: \$67.7	<p>Pre-Screen: hydro corridor along Birch considered costly to bury/relocate</p> <p>LOWEST RISK</p>