

2019 Development Charge Study: Historical Service Standards

Development Charges Stakeholders Sub-Committee City of Hamilton September 13, 2018

Agenda

- Service Standards
 - Service Standards
 - Service Standard Example
 - Transit Service Standard
 - Draft Service Standards
 - Comparison of Service Standards to 2014
 - Service Standard Valuation Drivers
- Next Steps

Service Standards



- The D.C.A. Service Standard calculation provides an upper limit ceiling on the amount of the charge which can be imposed
- The calculation includes both quality and quantity measures and provides for the "<u>average</u> over the past 10 years" – This involves reviewing capital inventories in detail over past 10 years
- This calculation is not required for water, wastewater and storm services as they are required to follow environmental legislation. Similarly, resulting from Bill 73, this calculation is no longer required for Transit service.
- Impacts generally lowers collection levels and may provide for spiral downwards if a municipality does not keep up with construction of services in line with the pace of growth

Service Standard Example



| Service: Unit Measure: | Paramedics sq.ft. of build | | | | | | | | | | | |
|---|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|---|
| Description | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 Building Value (\$/sq.ft.) | Value/ft ² with land, site works, etc. |
| Station #1 - 35 - 43 John Street North | 1,700 | 1,700 | 1,700 | 1,700 | 1,700 | 1,700 | 4,046 | 4,046 | 4,046 | 4,046 | \$221 | \$270 |
| Station #3 Ambulance, 965 Garth St. | 1,887 | 1,887 | 1,887 | 1,887 | 1,887 | 1,887 | 1,887 | 1,887 | 1,887 | 1,887 | \$287 | \$343 |
| Station #4 Ambulance, 729 Upper Sherman | 3,867 | 3,867 | 3,867 | 3,867 | 3,867 | 3,867 | 3,867 | 3,867 | 3,867 | 3,867 | \$256 | \$309 |
| Station #7 Ambulance, 225 Quigley Rd. | 1,038 | 1,038 | 1,038 | 1,038 | 1,038 | 1,038 | 1,038 | 1,038 | 1,038 | 1,038 | \$297 | \$354 |
| Station #9 Ambulance, 125 Kenilworth Ave. N. | 1,435 | 1,435 | 1,435 | 1,435 | 1,435 | 1,435 | 1,435 | 1,435 | 1,435 | 1,435 | \$256 | \$309 |
| Station #10 Ambulance, Norfolk Ave. | 1,364 | 1,364 | 1,364 | 1,364 | 1,364 | 1,364 | 1,364 | 1,364 | 1,364 | 1,364 | \$282 | \$337 |
| Station #12 Ambulance, 199 Highway 8 Stoney Creek | - | 2,983 | 2,983 | 2,983 | 2,983 | 2,983 | 2,983 | 2,983 | 2,983 | 2,983 | \$234 | \$284 |
| Station #15 Ambulance, 415 Arvin Ave. | 2,519 | 2,519 | 2,519 | 2,519 | 2,519 | 2,519 | 2,519 | 2,519 | 2,519 | 2,519 | \$284 | \$340 |
| Station #17 Ambulance, 363 Isaac Brock St. | 1,140 | 1,140 | 1,140 | 1,140 | 1,140 | 1,140 | 1,140 | 1,140 | 1,140 | 1,140 | \$284 | \$340 |
| Station #18 Ambulance, 2636 (2640) Highway 56 Binbrook | - | 2,737 | 2,737 | 2,737 | 2,737 | 2,737 | 2,737 | 2,737 | 2,737 | 2,737 | \$247 | \$299 |
| Station #19 Ambulance, 3302 Homestead Rd. | 1,483 | 1,483 | 1,483 | 1,483 | 1,483 | 1,483 | 1,483 | 1,483 | 1,483 | 1,483 | \$307 | \$365 |
| Station #20 Ambulance, 365 Wilson St. W. | 1,996 | 1,996 | 1,996 | 1,996 | 1,996 | 1,996 | 1,996 | 1,996 | 1,996 | 1,996 | \$323 | \$383 |
| Station #21 Ambulance, Garner Rd., Ancaster | 3,124 | 3,124 | 3,124 | 3,124 | 3,124 | 3,124 | 3,124 | 3,124 | 3,124 | 3,124 | \$256 | \$309 |
| Station #23 Ambulance, Memorial Square | 2,836 | 2,836 | 2,836 | 2,836 | 2,836 | 2,836 | 2,836 | 2,836 | 2,836 | 2,836 | \$250 | \$302 |
| Station #24 Ambulance, 265 Parkside Dr. | 2,098 | 2,098 | 2,098 | 2,098 | 2,098 | 2,098 | 2,098 | 2,098 | 2,098 | 2,098 | \$422 | \$492 |
| Station #25 Ambulance, 361 Old Brock Rd. | - | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | \$254 | \$306 |
| Station #26 Ambulance, Lynden | - | 1,204 | 1,204 | 1,204 | 1,204 | 1,204 | 1,204 | 1,204 | 1,204 | 1,204 | \$254 | \$306 |
| Station #30 Ambulance, 489 Victoria Ave. N. | 18,558 | 18,558 | 18,558 | 18,558 | 18,558 | 18,558 | 18,558 | 18,558 | 18,558 | 18,558 | \$226 | \$276 |
| Station #32 Ambulance, 1000 Limeridge Rd. | - | - | 7,060 | 7,060 | 7,060 | 7,060 | 7,060 | 7,060 | 7,060 | 7,060 | \$260 | \$313 |
| Stoney Creek Mountain Training Facility (Shared Building B) | - | - | 8,091 | 8,091 | 8,091 | 8,091 | 7,280 | 7,280 | 7,280 | 7,280 | \$316 | \$364 |
| Total | 45,044 | 52,845 | 67,996 | 67,996 | 67,996 | 67,996 | 69,531 | 69,531 | 69,531 | 69,531 | | |

| Population | 514,917 | 515,641 | 519,949 | 522,456 | 526,269 | 529,038 | 532,521 | 536,917 | 541,846 | 544,730 |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Per Capita Standard | 0.0875 | 0.1025 | 0.1308 | 0.1301 | 0.1292 | 0.1285 | 0.1306 | 0.1295 | 0.1283 | 0.1276 |

| 10 Year Average | 2009-2018 |
|-------------------|-----------|
| Quantity Standard | 0.1225 |
| Quality Standard | \$315 |
| Service Standard | \$39 |

| D.C. Amount (before deductions) | 10 Year |
|---------------------------------|-------------|
| Forecast Population | 65,046 |
| \$ per Capita | \$39 |
| Eligible Amount | \$2,511,426 |

Service Standard Example

| Service: Unit Measure: | Paramedics Fac Value of facilitie | | | | | | | | | |
|---|--------------------------------------|--------------------|------------|------------|------------|------------|------------|------------|--------------------|-------------|
| Description | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| Station #1 - 35 - 43 John Street North | 459,000 | 459,000 | 459,000 | 459,000 | 459,000 | 459,000 | 1,092,328 | 1,092,328 | 1,092,328 | 1,092,328 |
| Station #3 Ambulance, 965 Garth St. | 647,366 | 647,366 | 647,366 | 647,366 | 647,366 | 647,366 | 647,366 | 647,366 | 647,366 | 647,366 |
| Station #4 Ambulance, 729 Upper Sherman | 1,194,809 | 1,194,809 | 1,194,809 | 1,194,809 | 1,194,809 | 1,194,809 | 1,194,809 | 1,194,809 | 1,194,809 | 1,194,809 |
| Station #7 Ambulance, 225 Quigley Rd. | 367,472 | 367,472 | 367,472 | 367,472 | 367,472 | 367,472 | 367,472 | 367,472 | 367,472 | 367,472 |
| Station #9 Ambulance, 125 Kenilworth Ave. N. | 443,349 | 443,349 | 443,349 | 443,349 | 443,349 | 443,349 | 443,349 | 443,349 | 443,349 | 443,349 |
| Station #10 Ambulance, Norfolk Ave. | 459,700 | 459,700 | 459,700 | 459,700 | 459,700 | 459,700 | 459,700 | 459,700 | 459,700 | 459,700 |
| Station #12 Ambulance, 199 Highway 8 Stoney Creek | - | 847,180 | 847,180 | 847,180 | 847,180 | 847,180 | 847,180 | 847,180 | 847,180 | 847,180 |
| Station #15 Ambulance, 415 Arvin Ave. | 856,377 | 856,377 | 856,377 | 856,377 | 856,377 | 856,377 | 856,377 | 856,377 | 856,377 | 856,377 |
| Station #17 Ambulance, 363 Isaac Brock St. | 387,697 | 387,697 | 387,697 | 387,697 | 387,697 | 387,697 | 387,697 | 387,697 | 387,697 | 387,697 |
| Station #18 Ambulance, 2636 (2640) Highway 56 Binbrook | - | 818,219 | 818,219 | 818,219 | 818,219 | 818,219 | 818,219 | 818,219 | 818,219 | 818,219 |
| Station #19 Ambulance, 3302 Homestead Rd. | 541,150 | 541,150 | 541,150 | 541,150 | 541,150 | 541,150 | 541,150 | 541,150 | 541,150 | 541,150 |
| Station #20 Ambulance, 365 Wilson St. W. | 764,298 | 764,298 | 764,298 | 764,298 | 764,298 | 764,298 | 764,298 | 764,298 | 764,298 | 764,298 |
| Station #21 Ambulance, Garner Rd., Ancaster | 965,235 | 965,235 | 965,235 | 965,235 | 965,235 | 965,235 | 965,235 | 965,235 | 965,235 | 965,235 |
| Station #23 Ambulance, Memorial Square | 856,523 | 856,523 | 856,523 | 856,523 | 856,523 | 856,523 | 856,523 | 856,523 | 856,523 | 856,523 |
| Station #24 Ambulance, 265 Parkside Dr. | 1,032,318 | 1,032,318 | 1,032,318 | 1,032,318 | 1,032,318 | 1,032,318 | 1,032,318 | 1,032,318 | 1,032,318 | 1,032,318 |
| Station #25 Ambulance, 361 Old Brock Rd. | - | 268,665 | 268,665 | 268,665 | 268,665 | 268,665 | 268,665 | 268,665 | 268,665 | 268,665 |
| Station #26 Ambulance, Lynden | - | 368,299 | 368,299 | 368,299 | 368,299 | 368,299 | 368,299 | 368,299 | 368,299 | 368,299 |
| Station #30 Ambulance, 489 Victoria Ave. N. | 5,122,008 | 5,122,008 | 5,122,008 | 5,122,008 | 5,122,008 | 5,122,008 | 5,122,008 | 5,122,008 | 5,122,008 | 5,122,008 |
| Station #32 Ambulance, 1000 Limeridge Rd. | - | - | 2,209,780 | 2,209,780 | 2,209,780 | 2,209,780 | 2,209,780 | 2,209,780 | 2,209,780 | 2,209,780 |
| Stoney Creek Mountain Training Facility (Shared Building B) | - | - | 2,945,028 | 2,945,028 | 2,945,028 | 2,945,028 | 2,649,800 | 2,649,800 | 2,649,800 | 2,649,800 |
| | | | | | | | | | | |
| Total | 14,097,302 | 16,399,665 | 21,554,473 | 21,554,473 | 21,554,473 | 21,554,473 | 21,892,573 | 21,892,573 | 21,892,573 | 21,892,573 |
| | | 545 0 · · · | 540.040 | 500 470 | 500.000 | F00 000 | 500 50 / | F00 0/- | E 4 4 0 4 0 | E 4 4 700 1 |
| Population | 514,917 | 515,641 | 519,949 | 522,456 | 526,269 | 529,038 | 532,521 | 536,917 | 541,846 | 544,730 |
| Per Capita Standard | 27.38 | 31.80 | 41.45 | 41.26 | 40.96 | 40.74 | 41.11 | 40.77 | 40.40 | 40.19 |

| 10 Year Average | 2009-2018 |
|--------------------------------|-----------|
| Service Standard \$ per Capita | \$39 |

Transit – Service Level Update as per Bill 73



- Methodology for determining the planned level of service set out in the regulations
- In past D.C. studies, were required to provide historical service standard
- New forward looking service standard based on ridership the detailed analysis is provided by Dillon and will be included as an Appendix to the D.C. background study
- Methodology requires ridership forecasts and ridership capacity for all modes of transit over future 10 years, identification of excess capacity which exists at the end of 10 years, identification of whether new ridership is from existing or planned development

Transit Total Person Trips Forecast



The total A.M. peak period person-trips reflecting all modes for trips with an origin and/or destination in Hamilton were derived from Hamilton's demand forecasting model for the year's 2011 and 2031. From this model, two total person-trip values were pulled for the A.M. peak period:

- 253,124 person-trips in 2011
- 320,352 person-trips in 2031

Using linear interpolation, the number of person-trips for each year between 2011 and 2031 were calculated. These values were combined with the transit existing (2016) and targeted 2031 transit mode share used to forecast transit ridership.





2016 Transit Mode Share

• The 2017 Transportation Master Plan identifies an existing (2016) local transit mode share of 6.73%.

2031 Transit Mode Share Target

- 2017 TMP provides for 12% total transit share by 2031. To achieve this, development of the B.L.A.S.T. network and GO Transit rail expansion to West Harbour and Confederation Stations are required as well as HSR service levels to support rapid transit.
- 12% mode share includes GO Transit trips

Transit



2031 A.M. Peak Period Transit Mode Share based on 2016 Transportation Tomorrow Survey and Hamilton Emme Model

| - | Origin in Hamilton | Destination in Hamilton | Origin and Destination in Hamilton | Origin and/or Destination in Hamilton | Distribution of Transit Trips (HSR & GO) | 2031 Transit Mode Share |
|-----------------------|-----------------------|----------------------------|--|---|--|----------------------------|
| Local Transit Only | 17,329 | 18,736 | 16,158 | 19,907 | 04.20/ | 11.20/ |
| Local Transit + GO | 783 | 435 | 0 | 1,218 | 94.2% | 11.3% |
| GO Only | 1,288 | 4 | 0 | 1,292 | 5.8% | 0.7% |
| Total Transit | 19,400 | 19,175 | 16,158 | 22,417 | | 12% |

- 2031 mode share for HSR Trips was calculated using existing ratio of HSR and GO Transit Trips in Hamilton (based on 2016 Transportation Tomorrow Survey)
- 2031 A.M. peak period transit mode share adjusted to 11.3%



2031 HSR Bus-Only Transit Mode Share



- LRT in Hamilton is not D.C. Eligible, therefore ridership from the LRT corridor was removed and a 2031 HSR bus-only mode share target was identified.
- Projected A.M. peak LRT ridership is 4,760, which represents a 1.5% mode share
- Subtracting this from the 11.3% HSR mode share, the 2031 HSR bus-only mode share is adjusted to 9.8%

Transit

2028 HSR Bus-Only Transit Mode Share

2028 transit mode share is based on the following

- Ridership forecasts were conducted by HSR between 2019 and 2024. Based on this forecast, projected 2024 HSR bus-only mode share is 6.7%
- Linear interpolation was used between 2024 and 2031 to calculate 2028 HSR bus-only ridership. Based on this calculation, 2028 HSR bus-only mode share should grow to 8.5%

Transit



Summary of Projected Local HSR Transit Ridership and Mode Share

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Total A.M. Peak Period Person Trips (from Emme model) | 253,124 | 256,485 | 259,847 | 263,208 | 266,570 | 269,931 | 273,292 | 276,654 | 280,015 | 283,377 | 286,738 | 290,099 | 293,461 | 296,822 | 300,184 | 303,545 |
| Total Local A.M. Peak Period Ridership | 18,166 | 18,093 | 18,016 | 17,974 | 18,078 | 18,462 | 18,981 | 19,426 | 19,922 | 22,519 | 25,117 | 27,714 | 29,836 | 31,957 | 34,078 | 36,200 |
| A.M. Peak Period HSR Bus Ridership | 18,166 | 18,093 | 18,016 | 17,974 | 18,078 | 18,462 | 18,981 | 19,426 | 19,922 | 21,567 | 23,213 | 24,858 | 26,504 | 28,149 | 29,794 | 31,440 |
| A.M. Peak Period HSR L.R.T. Ridership | | | | | | | | | | 952 | 1,904 | 2,856 | 3,332 | 3,808 | 4,284 | 4,760 |
| A.M. Peak Period HSR Bus Mode Share | 6.7% | 6.6% | 6.5% | 6.4% | 6.4% | 6.4% | 6.5% | 6.6% | 6.7% | 7.2% | 7.6% | 8.1% | 8.5% | 9.0% | 9.4% | 9.8% |
| A.M. Peak Period HSR L.R.T. Mode Share | | | | | | | | | | 0.3% | 0.6% | 0.9% | 1.1% | 1.2% | 1.4% | 1.5% |
| Total Mode Share | 6.7% | 6.6% | 6.5% | 6.4% | 6.4% | 6.4% | 6.5% | 6.6% | 6.7% | 7.5% | 8.3% | 9.0% | 9.6% | 10.2% | 10.8% | 11.3% |

Draft Service Standards



| | | TANDARDS AS | S PER DEVE | ELOPMENT CHARGES ACT, 1997, AS AMEN | IDED | | | | | | |
|----------------------------------|-----------------------------------|---------------------------------|----------------------------------|--|-----------|------------------------|---------------|--|--|--|--|
| | | | 10 Year Average Service Standard | | | | | | | | |
| Service Category | Sub-Component | Cost (per Quantity (per capita) | | | Quali | Maximum Ceiling LOS | | | | | |
| | Roads | \$22,055.60 | 0.0092 | lane km of roadways | 2,397,348 | per lane km | 1,900,817,775 | | | | |
| | Bridges, Culverts & Structures | \$3,021.00 | 0.0007 | Number of Bridges, Culverts & Structures | 4,315,714 | per item | 260,358,843 | | | | |
| | Traffic Signals | \$250.50 | 0.0010 | No. of Traffic Signals | 250,500 | per signal | 21,588,842 | | | | |
| Services Related to a Highway | Facilities | \$952.77 | 1.6712 | sq.ft. of building area | 570 | per sq.ft. | 82,112,577 | | | | |
| i ignicaj | Vehicles and Equipment | \$184.36 | 0.0023 | No. of vehicles and equipment | 80,157 | per vehicle | 15,888,698 | | | | |
| | Active Transportation - Terminals | \$17.80 | 0.0563 | sq.ft. of terminal space | 316 | per sq.ft. | 1,534,057 | | | | |
| | Active Transportation - Shelters | \$16.70 | 0.0021 | No. of Shelters/Pads | 7,952 | per item | 1,439,256 | | | | |
| | Fire Facilities | \$197.44 | 0.4755 | sq.ft. of building area | 415 | per sq.ft. | 17,015,972 | | | | |
| Fire | Fire Vehicles | \$122.13 | 0.0002 | No. of vehicles | 610,650 | per vehicle | 10,525,530 | | | | |
| | Fire Small Equipment and Gear | \$37.42 | 0.0086 | No. of equipment and gear | 4,351 | per Firefighter | 3,224,968 | | | | |
| | Police Facilities | \$278.28 | 0.6260 | sq.ft. of building area | 445 | per sq.ft. | 23,983,005 | | | | |
| Police | Police Vehicles | \$16.30 | 0.0004 | No. of vehicles and equipment | 40,750 | per vehicle | 1,404,783 | | | | |
| | Police Small Equipment and Gear | \$21.70 | 0.0045 | No. of equipment and gear | 4,822 | per Officer | 1,870,171 | | | | |
| | Parking Spaces | \$263.81 | 0.0090 | No. of spaces | 29,312 | per space | 17,159,785 | | | | |
| Parking | Parking Meters | \$4.37 | 0.0051 | No. of Meters | 857 | per meter | 284,251 | | | | |
| | Parking Facilities | \$85.34 | 0.0599 | sq.ft. of building area | 1,425 | per sq.ft. | 5,551,026 | | | | |
| Airport | Airport Facilities | \$291.51 | 0.0029 | acres of land | 100,521 | per sq.ft. | 18,961,559 | | | | |
| | Parkland Development | \$447.94 | 0.0115 | Acres of Parkland | 38,951 | per acre | 29,136,705 | | | | |
| | Parkland Amenities | \$560.40 | 0.0334 | No. of parkland amenities | 16,778 | per amenity | 36,451,778 | | | | |
| Parks | Parkland Amenities - Buildings | \$4.81 | 0.0501 | sq.ft. of building area | 96 | per sq.ft. | 312,871 | | | | |
| | Parkland Trails | \$20.73 | 0.0001 | Linear Kilometres of Paths and Trails | 207,300 | per lin m. | 1,348,404 | | | | |
| | Parks Vehicles and Equipment | \$0.26 | 0.0001 | No. of vehicles and equipment | 2,600 | per vehicle | 16,912 | | | | |

Draft Service Standards



| | SUMMARY OF SERVICE ST | ANDARDS AS | 6 PER DEVE | ELOPMENT CHARGES ACT, 1997, AS AMEN | DED | | | | | | |
|-------------------------|---|----------------------|----------------------------------|-------------------------------------|---------|------------------------|-------------|--|--|--|--|
| | | | 10 Year Average Service Standard | | | | | | | | |
| Service Category | Sub-Component | Cost (per capita) | | Quantity (per capita) | Qualit | Maximum Ceiling LOS | | | | | |
| | Indoor Recreation Facilities | \$1,852.13 | 4.0265 | sq.ft. of building area | 460 | per sq.ft. | 120,473,648 | | | | |
| Recreation | Indoor Recreation Facilities - Buildings Within Parks | \$178.09 | 0.4141 | sq.ft. of building area | 430 | per sq.ft. | 11,584,042 | | | | |
| | Recreation Vehicles and Equipment | \$0.53 | 0.0001 | No. of vehicles and equipment | 5,300 | per vehicle | 34,474 | | | | |
| | Library Facilities | \$392.97 | 0.7327 | sq.ft. of building area | 536 | per sq.ft. | 25,561,127 | | | | |
| Library | Library Collection Materials | \$66.53 | 2.0094 | No. of library collection items | 33 | per collection item | 4,327,510 | | | | |
| | Library Vehicles | \$2.36 | 0.00001 | No. of vehicles and equipment | 214,545 | per vehicle | 153,509 | | | | |
| Ambulanaa | Paramedics Facilities | \$38.61 | 0.1225 | sq.ft. of building area | 315 | per sq.ft. | 2,511,426 | | | | |
| Ambulance | Paramedics Vehicles | \$27.60 | 0.0005 | No. of vehicles and equipment | 55,200 | per vehicle | 1,795,270 | | | | |
| Homes for the Aged | Long Term Care Facilities | \$305.30 | 0.6387 | sq.ft. of building area | 478 | per sq.ft. | 19,858,544 | | | | |
| Social Housing | Social Housing | \$1,604.83 | 10.71 | sq.ft. of building area | 149.84 | per sq.ft. | 104,387,772 | | | | |
| Provincial Offences Act | Provincial Offences Act Facilities | \$22.48 | 0.0421 | sq.ft. of building area | 533.97 | per sq.ft. | 1,462,234 | | | | |
| Llaatta | Health Facilities | \$95.84 | 0.1975 | sq.ft. of building area | 485 | per sq.ft. | 6,234,009 | | | | |
| Health | Health Vehicles | \$0.74 | 0.000002 | No. of vehicles | 390,898 | per vehicle | 48,134 | | | | |
| Social Services | Social and Child Services Facilities | \$94.63 | 0.2647 | sq.ft. of building area | 357 | per sq.ft. | 6,155,303 | | | | |
| | Waste Diversion - Facilities - Stations/Depots | \$392.32 | 0.8589 | sq.ft. of building area | 457 | per sq.ft. | 25,518,847 | | | | |
| Waste Diversion | Waste Diversion - Vehicles & Equipment | \$79.39 | 0.0004 | No. of vehicles and equipment | 198,475 | per vehicle | 5,164,002 | | | | |
| | Waste Diversion - Carts & Containers | \$20.18 | 1.3441 | No. of items | 15 | per Item | 1,312,628 | | | | |

*Transit is now based on a forward looking service standard based on the amendments to the DCA

Comparison of Service Standards



| | | 2014 D.C. S | Study | 2019 D.C. Study |
|----------------------------------|-----------------------------------|--|-------------|------------------------|
| Service Category | Sub-Component | Maximum Ceiling LOS | Utilized | Maximum Ceiling LOS |
| | Services Related to a Highway | 958,468,059 | | 1,900,817,775 |
| | Bridges, Culverts & Roundabouts | 108,997,984 | | 260,358,843 |
| Services Related to a Highway | Traffic Signals | 19,898,725 | 743,866,065 | 21,588,842 |
| | Active Transportation - Terminals | Previously combined with Services Related to | | 1,534,057 |
| | Active Transportation - Shelters | a Highway | | 1,439,256 |
| Public Works Facilities, | Depots and Domes | 56,117,480 | 12,343,500 | 82,112,577 |
| Fleet and Equipment | Fleet | 16,790,304 | 9,331,520 | 15,888,698 |
| | Fire Facilities | 19,519,649 | 19,890,874 | 17,015,972 |
| Fire | Fire Vehicles | 11,779,913 | 3,705,216 | 10,525,530 |
| | Fire Small Equipment and Gear | 2,827,135 | 542,325 | 3,224,968 |
| | Police Facilities | 24,411,373 | 24,808,438 | 23,983,005 |
| Police | Police Vehicles | 598,830 | 598,830 | 1,404,783 |
| | Police Small Equipment and Gear | 2,010,749 | 2,010,700 | 1,870,171 |
| | Parking Spaces | 8,858,524 | | 17,159,785 |
| Parking | Parking Meters | 139,695 | 12,577,100 | 284,251 |
| | Parking Facilities | 3,776,922 | | 5,551,026 |
| Airport | Airport Facilities | 9,374,519 | 8,870,872 | 18,961,559 |
| | Parkland Development | 20,874,878 | | 29,136,705 |
| | Parkland Amenities (Buildings) | Previously combined with Park Amenities | | 312,871 |
| Parks | Parkland Amenities | 20,949,623 | 36,355,184 | 36,451,778 |
| | Parkland Trails | 884,564 | | 1,348,404 |
| | Parks Vehicles and Equipment | Previously combined with Fleet | | 16,912 |

Comparison of Service Standards

| | | 2014 D.C. Study | | 2019 D.C. Study |
|-------------------------|---|--|------------|------------------------|
| Service Category | Sub-Component | Maximum Ceiling LOS | Utilized | Maximum Ceiling LOS |
| | Indoor Recreation Facilities | 76,364,238 | | 120,473,648 |
| Recreation | Indoor Recreation Facilities - Buildings Within Parks | Previously combined with Park Amenities | 57,053,713 | 11,584,042 |
| | Recreation Vehicles and Equipment | Previously combined with Fleet | | 34,474 |
| | Library Facilities | 11,387,469 | 11,972,568 | 25,561,127 |
| Library | Library Vehicles | 74,745 | 11,072,000 | 153,509 |
| | Library Collection Materials | 5,156,862 | 3,467,800 | 4,327,510 |
| Ambulance | Ambulance Facilities | 1,018,073 | 1,070,608 | 2,511,426 |
| Ambulance | Ambulance Vehicles | 179,903 | 179,900 | 1,795,270 |
| Long Term Care | Long Term Care Facilities | 10,827,142 | 6,816,663 | 19,858,544 |
| Social Housing | Social Housing | 66,700,535 | 13,891,500 | 104,387,772 |
| Provincial Offences Act | Provincial Offences Act Facilities | 867,037 | 867,037 | 1,462,234 |
| | Health Facilities | 2,857,306 | 768,700 | 6,234,009 |
| Health | Health Vehicles | 44,331 | | 48,134 |
| Social Services | Social & Child Services | 4,007,342 | 723,704 | 6,155,303 |
| | Waste Diversion - Facilities - Stations/Depots | | | 25,518,847 |
| Waste Diversion | Waste Diversion - Vehicles & Equipment | Previously Ineligible | | 5,164,002 |
| | Waste Diversion - Carts & Containers | | | 1,312,628 |

Service Standard Valuation Drivers



- Increase in land values for facilities
- Inclusion of land values and updated detailed costing for Services Related to a Highway
- Inflation from 2014 values (12.4%)
- Actual/tender costs provided by the City for specific projects
- Inclusion of Waste Diversion service (newly eligible as per Bill 73)
- Transit based on forward looking service standard (vs. historical average)

Next Steps



- Finalize Capital Forecasts (Fall 2018)
- Draft Background Study prepared (Fall 2018)
- Staff to receive DC Policy opinions from external stakeholders (sub-committee direction agriculture, downtown, etc.) (Late Fall 2018)
- Final Background Study released to public (Dec 2018 / Jan 2019)
- Draft By-law (Policy) prepared and released (early 2019)
- Public Meeting (Spring 2019)
- Council Considers By-law for adoption (Spring 2019) (current D.C. By-law expires July 5, 2019)