

Brandon DC Project List – Draft Capital Needs

Land Drainage

20-year Capital Needs (2023 to 2042) Project Descriptions	Growth Area	Gross Capital Cost 2023\$	Less:			Net Growth- related Cost	Less: Post Period Benefit	Net DC Recoverable Cost	Residential	Non-residential
			Grants / Subsidies	Other Contributions	Existing Benefit				Share 87%	Share 13%
SE Drainage Phase 1 - Design (South Portion)	South	468,000	-	-	366,912	101,088	-	101,088	87,977	13,111
SE Drainage Phase 1 - Design (Industrial Portion)	Industrial	282,000	-	-	81,871	200,129	-	200,129	174,172	25,957
SE Drainage Phase 1 - 17th Street E Pond Land Acquisition (South Portion)	South	1,290,000	-	-	1,011,360	278,640	-	278,640	242,500	36,140
SE Drainage Phase 1 - 17th Street E Pond Land Acquisition (Industrial Portion)	Industrial	780,000	-	-	327,600	452,400	-	452,400	393,723	58,677
SE Drainage Phase 1 Stage 1 - 1st to 17th Street (South Portion)	South	9,339,505	-	-	7,191,419	2,148,086	1,193,381	954,705	830,877	123,828
SE Drainage Phase 1 Stage 1 - 1st to 17th Street (Industrial Portion)	Industrial	2,805,495	-	-	1,402,748	1,402,748	-	1,402,748	1,220,808	181,940
SE Drainage Phase 1 Stage 2 - 17th Street to Richmond Avenue E (South Portion)	South	13,553,280	-	-	10,625,772	2,927,508	1,626,394	1,301,115	1,132,357	168,758
SE Drainage Phase 1 Stage 2 - 17th Street to Richmond Avenue E (Industrial Portion)	Industrial	8,166,720	-	-	3,430,022	4,736,698	2,842,019	1,894,679	1,648,935	245,744
SE Drainage Phase 1 Stage 3 - 1st Street & Richmond Avenue Relief LDS and Zenith Pond (South Portion)	South	4,359,120	-	-	4,359,120	-	-	-	-	-
SE Drainage Phase 1 Stage 3 - 1st Street & Richmond Avenue Relief LDS and Zenith Pond (Industrial Portion)	Industrial	4,500,880	-	-	-	4,500,880	-	4,500,880	3,917,105	583,775
SE Drainage Phase 1 Stage 4 - Southridge Pond Modification and Lady Slipper LDS	South	4,120,000	-	-	4,120,000	-	-	-	-	-
SE Drainage Phase 2 - 17th St E to Assiniboine River (South Portion)	South	5,250,000	-	-	3,885,000	1,365,000	819,000	546,000	475,182	70,818
SE Drainage Phase 2 - 17th St E to Assiniboine River (Industrial Portion)	Industrial	7,250,000	-	-	2,102,500	5,147,500	3,088,500	2,059,000	1,791,943	267,057
Growth-related Financing Costs - SE Drainage Phase 1 (South Portion)	South	2,711,836	-	-	-	2,711,836	-	2,711,836	2,360,105	351,732
Growth-related Financing Costs - SE Drainage Phase 1 (Industrial Portion)	Industrial	2,199,442	-	-	-	2,199,442	-	2,199,442	1,914,169	285,273
Growth-related Financing Costs - SE Drainage Phase 2 (South Portion)	South	453,731	-	-	-	453,731	-	453,731	394,881	58,850
Growth-related Financing Costs - SE Drainage Phase 2 (Industrial Portion)	Industrial	626,580	-	-	-	626,580	-	626,580	545,311	81,269
Reserve Fund Adjustment					66,380	(66,380)		(66,380)	(57,770)	(8,610)
Total		68,156,589	-	-	38,970,703	29,185,886	9,569,293	19,616,593	17,072,273	2,544,319

Water (Network)

20-year Capital Needs (2023 to 2042) Project Descriptions	Growth Area	Gross Capital Cost 2023\$	Less:			Net Growth- related Cost	Less: Post Period Benefit	Net DC Recoverable Cost	Residential Share 87%	Non-residential Share 13%
			Grants / Subsidies	Other Contributions	Existing Benefit					
18th Street N - Braecrest to Husky - West WM (10" to 12" pipe)	North	2,097,202	-	-	1,761,650	335,552	-	335,552	292,030	43,522
18th Street N - Braecrest Intersection (10" to 12" pipe)	North	300,000	-	-	252,000	48,000	-	48,000	41,774	6,226
South End Water Servicing Plan	All	200,000	-	-	20,000	180,000	-	180,000	156,654	23,346
Airport Supply Line to PTH No. 1 at 1st St	North	3,403,800	-	-	2,154,600	1,249,200	-	1,249,200	1,087,176	162,024
Brandon Municipal Airport to PTH No. 1 - Looping west connection to 18th St E	North	3,111,000	-	-	2,955,450	155,550	-	155,550	135,375	20,175
Patricia Avenue - Currie Blvd to Bellafield Access	South	1,620,000	-	-	-	1,620,000	-	1,620,000	1,409,882	210,118
Patricia Avenue - Bellafield Access to 34th St	South	1,460,000	-	-	-	1,460,000	-	1,460,000	1,270,634	189,366
Patricia Avenue - 34th St to 38th St	South	1,000,000	-	-	-	1,000,000	-	1,000,000	870,298	129,702
Highland Avenue/PTH 1 - 18th St to 1st St	North	1,650,000	-	-	1,485,000	165,000	55,000	110,000	95,733	14,267
Patricia Avenue - 9th St to 17th St E	Industrial	2,000,000	-	-	-	2,000,000	-	2,000,000	1,740,595	259,405
17th Street E - Richmond to PTH 110	Industrial	2,800,000	-	-	-	2,800,000	-	2,800,000	2,436,833	363,167
Reserve Fund Adjustment					230,281	(230,281)		(230,281)	(200,413)	(29,868)
Total		19,642,002	-	-	8,858,981	10,783,021	55,000	10,728,021	9,336,571	1,391,450

Water (Treatment)

20-year Capital Needs (2023 to 2042) Project Descriptions	Growth Area	Gross Capital Cost 2023\$	Less:			Net Growth- related Cost	Less: Post Period Benefit	Net DC Recoverable Cost	Residential Share 87%	Non-residential Share 13%
			Grants / Subsidies	Other Contributions	Existing Benefit					
Upgrade to Existing Water Treatment Plant (includes Chemical Bu	All	181,762,870	103,989,065	-	54,314,112	23,459,693	-	23,459,693	20,416,914	3,042,779
High Lift Pump Station	All	20,900,000	-	-	10,450,000	10,450,000	-	10,450,000	9,094,610	1,355,390
UF Expansion	All	5,000,000	-	-	-	5,000,000	-	5,000,000	4,351,488	648,512
Residuals Treatment Upgrade	All	13,200,000	-	-	9,218,352	3,981,648	-	3,981,648	3,465,219	516,429
New Reservoir	All	47,000,000	-	-	23,500,000	23,500,000	11,750,000	11,750,000	10,225,997	1,524,003
Growth-related Financing Costs - Upgrade	All	4,977,216	-	-	-	4,977,216	-	4,977,216	4,331,659	645,557
Growth-related Financing Costs - All Other Projects (in-period)	All	4,030,874	-	-	-	4,030,874	-	4,030,874	3,508,060	522,814
Reserve Fund Adjustment					125,676	(125,676)		(125,676)	(109,376)	(16,300)
Total		276,870,960	103,989,065	-	97,608,140	75,273,755	11,750,000	63,523,755	55,284,571	8,239,184

Sewer (Network)

20-year Capital Needs (2023 to 2042)		Growth Area	Gross Capital Cost 2023\$	Less:			Net Growth-related Cost	Less: Post Period Benefit	Net DC Recoverable Cost	Residential Share 87%	Non-residential Share 13%
Project Descriptions	Grants / Subsidies			Other Contributions	Existing Benefit						
Kirkcaldy Drive Lift Station & Forcemain	North	12,738,152	11,464,337	142,800	-	1,131,015	-	1,131,015	984,320	146,695	
Airport Supply Line to PTH No. 1 & 1st St - Design	North	541,585	-	-	385,675	155,910	-	155,910	135,688	20,222	
Airport Supply Line to PTH No. 1 & 1st St - Construction	North	4,513,210	-	-	3,213,960	1,299,250	-	1,299,250	1,130,734	168,516	
Pacific Ave - 1st St to Douglas St	Established	3,238,810	-	-	3,049,810	189,000	-	189,000	164,486	24,514	
Maryland Avenue - Lyndale Dr to 9th St	South	604,425	-	-	487,289	117,137	-	117,137	101,944	15,193	
SW Lift Station Phase 1 – Design & Contract Administration	South	1,977,000	-	-	-	1,977,000	988,500	988,500	860,289	128,211	
SW Lift Station Phase 1 - 34th Street Lift Station	South	7,580,000	3,900,000	-	-	3,680,000	1,840,000	1,840,000	1,601,348	238,652	
SW Lift Station Phase 1 - 18th Street lift station	South	6,980,000	-	-	-	6,980,000	3,490,000	3,490,000	3,037,339	452,661	
SW Lift Station Phase 1 - Gravity Sewers to 34th Street LS	South	2,715,000	-	-	-	2,715,000	1,357,500	1,357,500	1,181,429	176,071	
SW Lift Station Phase 1 - Gravity sewer to 18th Street LS	South	4,800,000	-	-	-	4,800,000	2,400,000	2,400,000	2,088,714	311,286	
SW Lift Station Phase 1 - SW Lift Station to SE Lift Station - 34th Street Forcemain	South	2,395,000	-	-	-	2,395,000	1,197,500	1,197,500	1,042,181	155,319	
SW Lift Station Phase 1 - SW Lift Station to SE Lift Station - 18th Street Forcemain	South	2,395,000	-	-	-	2,395,000	1,197,500	1,197,500	1,042,181	155,319	
SW Lift Station Phase 1 - Land Acquisition	South	21,705	-	-	-	21,705	10,853	10,853	9,445	1,408	
SW Lift Station Phase 1 - Fibre Communications	South	505,000	-	-	-	505,000	252,500	252,500	219,750	32,750	
Growth-related Financing Costs - SW Lift Station Phase 1	South	8,409,853	-	-	-	8,409,853	-	8,409,853	7,319,075	1,090,778	
Gravity Trunk - Southeast Lift Station to Municipal Pre-treatment Plant	South	16,474,106	-	-	1,205,759	15,268,347	12,355,580	2,912,767	2,534,974	377,793	
South End Lift Station Upgrade	South	2,165,000	-	410,800	528,766	1,225,434	-	1,225,434	1,066,492	158,942	
Growth-related Financing Costs - South End Lift Station Upgrade	South	357,421	-	-	-	357,421	-	357,421	311,063	46,358	
Maryland Avenue - 26th St to Lyndale Dr	South	2,488,600	-	-	-	2,488,600	-	2,488,600	2,165,823	322,777	
Reserve Fund Adjustment					618,289	(618,289)		(618,289)	(538,095)	(80,194)	
Total		80,899,869	15,364,337	553,600	9,489,549	55,492,383	25,089,932	30,402,451	26,459,180	3,943,271	

Sewer (Treatment)

20-year Capital Needs (2023 to 2042)		Growth Area	Gross Capital Cost 2023\$	Less:			Net Growth-related Cost	Less: Post Period Benefit	Net DC Recoverable Cost	Residential Share 87%	Non-residential Share 13%
Project Descriptions	Grants / Subsidies			Other Contributions	Existing Benefit						
Upgrade to Existing Treatment Plant	All	79,000,000	57,200,000	-	16,845,455	4,954,545	-	4,954,545	4,311,929	642,617	
Membrane Tank 10	All	3,200,000	-	-	-	3,200,000	-	3,200,000	2,784,952	415,048	
Maintenance Shop	All	3,000,000	-	1,500,000	-	1,500,000	-	1,500,000	1,305,446	194,554	
Screening Addition	All	25,200,000	-	-	-	25,200,000	-	25,200,000	21,931,499	3,268,501	
WRF Expansion Conceptual Design and Licence Update	All	350,000	-	-	105,000	245,000	-	245,000	213,223	31,777	
Growth-related Financing - Wastewater Treatment	All	10,953,912	-	-	-	10,953,912	-	10,953,912	9,533,163	1,420,749	
Reserve Fund Adjustment					162,871	(162,871)		(162,871)	(141,746)	(21,125)	
Total		121,703,912	57,200,000	1,500,000	17,113,326	45,890,587	-	45,890,587	39,938,467	5,952,120	

Transportation (Intersections)

20-year Capital Needs (2023 to 2042) Project Descriptions	Growth Area	Gross Capital Cost 2023\$	Less:			Net Growth-related Cost	Less: Post Period Benefit	Net DC Recoverable Cost	Residential Share 87%	Non-residential Share 13%
			Grants / Subsidies	Other Contributions	Existing Benefit					
18th Street N & Clare Avenue	North	417,793	-	-	41,779	376,014	-	376,014	327,244	48,770
1st Street N & Clare Avenue	North	417,793	-	-	41,779	376,014	-	376,014	327,244	48,770
Clare Avenue & Daly Crescent	North	417,793	-	-	41,779	376,014	-	376,014	327,244	48,770
Braecrest Drive & Daly Crescent	North	750,000	-	-	75,000	675,000	-	675,000	587,451	87,549
Maryland Avenue & 26th Street	South	536,816	-	-	53,682	483,134	-	483,134	420,470	62,664
18th Street & Patricia Avenue	South	329,837	-	-	32,984	296,853	-	296,853	258,351	38,503
34th Street & Brookwood/Bellafield Collector	South	417,793	-	-	41,779	376,014	-	376,014	327,244	48,770
1st Street & Maryland Avenue	South	546,313	-	-	54,631	491,681	-	491,681	427,909	63,772
Patricia Avenue & 34th Street	South	417,793	-	-	41,779	376,014	-	376,014	327,244	48,770
34th Street & Aberdeen Drive	South	417,793	-	-	41,779	376,014	-	376,014	327,244	48,770
Richmond Avenue & Elderwood Drive	South	541,616	-	-	54,162	487,454	-	487,454	424,230	63,224
Patricia Avenue & 1st Street	South	417,793	-	9,000	40,879	367,914	-	367,914	320,195	47,719
Victoria Avenue E & 33rd Street E	Industrial	500,000	-	-	50,000	450,000	350,000	100,000	87,030	12,970
Victoria Avenue E & 17th Street E	Industrial	1,150,000	-	-	115,000	1,035,000	805,000	230,000	200,168	29,832
Victoria Avenue E & PTH No. 110	Industrial	500,000	-	-	50,000	450,000	350,000	100,000	87,030	12,970
Reserve Fund Adjustment					234,252	(234,252)		(234,252)	(203,869)	(30,383)
Total		7,779,134	-	9,000	1,011,265	6,758,868	1,505,000	5,253,868	4,572,429	681,439

Transportation (Roads)

20-year Capital Needs (2023 to 2042) Project Descriptions	Growth Area	Gross Capital Cost 2023\$	Less:			Net Growth-related Cost	Less: Post Period Benefit	Net DC Recoverable Cost	Residential Share 87%	Non-residential Share 13%
			Grants / Subsidies	Other Contributions	Existing Benefit					
Clare Avenue - 18th St N to Mockingbird Dr	North	950,763	-	301,314	-	649,449	-	649,449	565,213	84,235
Clare Avenue - Mockingbird Dr to 1st St N	North	3,681,325	-	-	-	3,681,325	-	3,681,325	3,203,848	477,477
Braecrest Drive - 18th St N to 1st St N	North	2,160,000	-	201,760	1,429,515	528,725	-	528,725	460,148	68,577
Victoria Avenue - 34th St to 38th St	Established	5,137,506	3,637,506	-	750,000	750,000	-	750,000	652,723	97,277
Maryland Avenue - 26th St to Marquis Cres	South	505,381	-	-	62,563	442,819	-	442,819	385,384	57,435
Patricia Avenue - 18th St to 34th Street	South	5,217,756	-	-	2,571,888	2,645,869	-	2,645,869	2,302,693	343,176
Patricia Avenue - 34th St to 38th St	South	1,626,244	-	-	836,063	790,181	-	790,181	687,693	102,488
Patricia Avenue - 1st St to 18th	South	2,320,000	-	69,854	360,023	1,890,123	-	1,890,123	1,644,969	245,154
Richmond Avenue - 26th St to 34th St	South	2,160,000	-	139,000	1,273,230	747,770	-	747,770	650,782	96,988
1st Street - South of Richmond Ave to Maryland Ave	South	2,160,000	-	291,000	616,770	1,252,230	-	1,252,230	1,089,813	162,417
34th Street - Park Ave to Richmond Ave	South	2,430,000	-	82,000	1,033,120	1,314,880	-	1,314,880	1,144,337	170,543
34th St - Richmond Ave to Aberdeen Ave	South	951,338	-	-	621,075	330,263	-	330,263	287,427	42,836
34th St - Aberdeen Ave to Patricia Ave	South	3,354,500	-	-	1,911,000	1,443,500	-	1,443,500	1,256,275	187,225
Victoria Avenue E - 17th St E to PTH No. 110	Industrial	2,250,000	-	-	-	2,250,000	-	2,250,000	1,958,170	291,830
17th Street E - PTH No. 110 to Richmond	Industrial	2,500,000	-	-	-	2,500,000	-	2,500,000	2,175,744	324,256
Patricia Avenue E - 1st St to Richmond	Industrial	4,500,000	-	-	-	4,500,000	-	4,500,000	3,916,339	583,661
Reserve Fund Adjustment					234,252	(234,252)		(234,252)	(203,869)	(30,383)
Total		41,904,812	3,637,506	1,084,928	11,699,498	25,482,881	-	25,482,881	22,177,689	3,305,191