

2016-2025 Project Plan

JUNE 1, 2016 | FINANCE DEPARTMENT



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2016 Project Budget

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2016-2025 Project Plan

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**2016 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

Funding from Reserves

Annual Budget - Transfer to General Reserve

Buildings

| | | |
|--|---------|---------|
| Maintenance & Replacement Funding Request for Operations Centre | 27,780 | |
| Maintenance & Replacement Funding Request for Civic Library | 68,606 | |
| Harry Jerome Community Recreation Centre | 40,000 | |
| Memorial Community Recreation Centre | 10,000 | |
| Mickey McDougall Community Recreation Centre | 10,000 | |
| Centennial Theatre | 85,000 | |
| John Braithwaite Community Recreation Centre | 90,000 | |
| John Braithwaite CC Security and Access | 35,000 | |
| John Braithwaite Community Recreation Centre - Additional Projects | 40,000 | |
| | 406,386 | 406,386 |

Streets & Transportation

| | | |
|--|-----------|-----------|
| West Keith Road Bike Facilities, Marine Drive to Chesterfield | 17,005 | |
| Safe Routes to Schools | 70,000 | |
| Traffic Signs and Pavement Markings | 20,000 | |
| Local Traffic Safety Improvements | 30,000 | |
| Sidewalk Infill & Reconstruction | 170,000 | |
| Lonsdale & W. 23rd (W. 23rd between Lonsdale and Chesterfield) | 50,000 | |
| Pedestrian/Bike Signal at 3rd & St. Andrew's | 25,000 | |
| Casano Loutet Overpass | 100,000 | |
| Transit Improvements | 40,000 | |
| Traffic Signal System Upgrades | 260,000 | |
| Automated Monitoring Devices | 20,000 | |
| Cloverley Neighbourhood - Short-Cutting Prevention Measures | 150,000 | |
| 100 West 14th Street Median | 25,000 | |
| Electrical Kiosk Beautification Program | 13,000 | |
| Pedestrian and Roadway Lighting Implementation | 120,000 | |
| Street Light and Traffic Signal Aging Pole Replacement | 50,000 | |
| Pedestrian Plan Update | 85,000 | |
| Bridge Rehabilitation | 350,000 | |
| Keith and Brooksbank Active Transportation Improvements | 80,000 | |
| Pavement Management: Streets and Lanes | 606,448 | |
| Pavement Condition Testing | 10,000 | |
| | 2,291,453 | 2,291,453 |

Parks & Environment

| | | |
|---|---------|---------|
| St. Andrews Park Improvements | 70,000 | |
| Derek Inman Tennis Court Lighting Replacement | 80,000 | |
| Goldsworthy Pier Floating Dock Replacement | 65,000 | |
| Pier - Access Ladder and Tug Protection | 20,000 | |
| Chafer Beetle Turf Restoration | 50,000 | |
| Wooden Bridge and Stair Replacement | 50,000 | |
| Grass Sports Field Renovations | 100,000 | |
| Play Equipment Replacement | 35,000 | |
| Parks Furnishings and Signage | 26,750 | |
| Invasives Management and Forest Restoration | 75,000 | |
| | 571,750 | 571,750 |

Information Technology

| | | |
|--------------------------|---------|---------|
| User Device Replacements | 150,000 | |
| Storage Infrastructure | 73,368 | |
| | 223,368 | 223,368 |

Fire Equipment

General Equipment

| | | |
|-------------------------|--------|--------|
| Furniture and Equipment | 10,336 | |
| | 10,336 | 10,336 |

Recreation Equipment

| | | |
|--|---------|---------|
| HJ - Weight room equipment replacement program | 50,000 | |
| JB - Weight room equipment replacement program | 30,000 | |
| CT - Main auditorium speaker replacements | 85,000 | |
| | 165,000 | 165,000 |

**2016 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

Pool Vehicle Replacement

| | | |
|----------|--------|--------|
| Mini Van | 50,000 | |
| | | 50,000 |

Engineering Vehicles

| | | |
|-------------------------|--------|---------|
| Trail & Bikeway Sweeper | 60,000 | |
| Ride-On Roller | 65,000 | |
| | | 125,000 |

Block Funding

| | | |
|---|--------|---------|
| Block Funding City Used Buildings | 80,000 | |
| Block Funding - Non-City Used Buildings | 80,000 | |
| Block Funding - Gerry Brewer Building | 30,000 | |
| Block Funding - Information Technology | 75,000 | |
| Parks Infrastructure - Block Funding | 75,000 | |
| Block Funding - Transportation | 30,000 | |
| Block Funding - Waterfront Asset Infrastructure | 50,000 | |
| Block Funding- Police Equipment | 23,000 | |
| Block Funding - Library Equipment | 25,000 | |
| Block Funding - Museum & Archives | 10,000 | |
| Block Funding - NVRC | 70,000 | |
| NVRC Emergency Capital Replacement Fund | 23,000 | |
| | | 571,000 |

On-Going Programs

| | | |
|---|--------|--------|
| Studio in the City - Youth Employment in the Arts | 50,000 | |
| | | 50,000 |

One-Time Studies

| | | |
|----------------------|---------|---------|
| Land Use Plan Review | 123,511 | |
| | | 123,511 |

Total Annual Budget - Transfer to General Reserve **4,587,804**

Tax Sale Land Reserve Fund - Principal

| | | |
|--|-----------|-----------|
| Strategic Land Acquisition | 3,500,000 | |
| Central Waterfront Capital Project Provision | 2,925,000 | |
| | | 6,425,000 |

Total Tax Sale Land Reserve Fund - Principal **6,425,000**

Tax Sale Land Reserve Fund - Interest

Buildings

| | | |
|---|---------|---------|
| HJRC Skatepark Roofing | 50,000 | |
| Harry Jerome Community Recreation Complex - Major Repairs | 325,000 | |
| New Child Care Facility | 40,677 | |
| | | 415,677 |

Information Technology

| | | |
|---|---------|---------|
| Storage Infrastructure | 76,632 | |
| Wired Network Replacement | 75,000 | |
| Phone System Upgrade | 50,000 | |
| 3D Modelling & LiDAR data | 40,000 | |
| Completion of Asset Management for Major Engineering Assets | 100,000 | |
| WiseTrack Asset Tracking Software | 20,700 | |
| Museum & Archives Technology Refresh | 3,475 | |
| NVRC ITS Workstation Replacement | 15,000 | |
| NVRC ITS Network Printer and Notebook Replacement | 5,000 | |
| NVRC ITS Software | 5,500 | |
| NVRC ITS Network Servers and Devices | 15,500 | |
| NVRC ITS Recreation Software Replacement | 50,000 | |
| John Braithwaite Community Centre Network Assimilation | 48,000 | |
| | | 504,807 |

Fire Equipment

| | | |
|------------------------|--------|--------|
| Turnout Gear | 40,000 | |
| Misc. Rescue Equipment | 15,000 | |
| Engine 11 | 30,000 | |
| | | 85,000 |

**2016 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

Block Funding, On-Going Programs and One-Time Studies

| | | |
|--|--------|---------|
| Streamlining Development Controls | 60,000 | |
| Land Use Plan Review | 26,489 | |
| Shipbuilders' Square and Public Realm Events | 75,000 | |
| COR Certification Readiness Project | 42,800 | |
| CNV4ME Implementation | 50,000 | |
| Outreach Support - Built Environment | 30,000 | |
| North Vancouver Economic Commission | 70,000 | |
| Rogers Plaza / Jack Loucks Court Enhancement Study | 60,000 | |
| Council Report and Resolution Digital Archive | 15,000 | |
| | | 429,289 |

Total Tax Sale Land Reserve Fund - Interest **1,434,773**

Civic Amenity Reserve Fund

Buildings

| | | |
|--|------------|------------|
| Harry Jerome Redevelopment Study and Building Renewal | 11,350,000 | |
| Foot of Lonsdale Open Space | 1,569,641 | |
| The Shipyards - Lot 4 Building Start-Up and Provisioning | 400,000 | |
| Electrical Building - Burrard Dry Dock Pier | 50,000 | |
| New Museum | 2,655,000 | |
| Central Waterfront – Project Coordination and Oversight | 274,000 | |
| | | 16,298,641 |

Parks & Environment

| | | |
|--|---------|-----------|
| Spirit Trail - Wayfinding | 25,250 | |
| Green Necklace - Wayfinding Program | 15,150 | |
| Spirit Trail - The Shipyards | 126,250 | |
| Green Necklace - East Keith Road (St. Andrew's to Grand Boulevard) | 505,000 | |
| Green Necklace - Grand Boulevard | 656,500 | |
| St. David's Avenue Greenway Connection | 50,500 | |
| Queensbury Avenue Greenway Connection | 50,500 | |
| | | 1,429,150 |

Total Civic Amenity Reserve Fund **17,727,791**

Lower Lonsdale Amenity Reserve Fund

Buildings

| | | |
|--|-----------|-----------|
| Foot of Lonsdale Open Space | 280,359 | |
| Relocation of Presentation House Gallery | 1,600,000 | |
| PGE Station Provision | 400,000 | |
| | | 2,280,359 |

Total Lower Lonsdale Amenity Reserve Fund **2,280,359**

General Building Reserve Fund

Buildings

| | | |
|--|---------|---------|
| Maintenance & Replacement Funding Request for Civic Centre | 280,682 | |
| Maintenance & Replacement Funding Request for Gerry Brewer Building | 40,219 | |
| Maintenance & Replacement Funding Request for Fire Hall | 420,362 | |
| Maintenance & Replacement Funding Request for City Owned/Non City Used Buildings | 108,605 | |
| Maintenance & Replacement Funding Request for Parks Buildings | 37,450 | |
| Maintenance & Replacement Funding Request for Operations Centre | 28,395 | |
| | | 915,714 |

Total General Building Reserve Fund **915,714**

Justice Administration Building Fund

Buildings

| | | |
|---|---------|---------|
| Maintenance & Replacement Funding Request for Gerry Brewer Building | 127,129 | |
| | | 127,129 |

Total Justice Administration Reserve Fund **127,129**

**2016 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

| | | |
|--|------------------|-------------------|
| Infrastructure Reserve Fund | | |
| Streets & Traffic | | |
| Pavement Management: Streets and Lanes | <u>1,093,552</u> | |
| | | <u>1,093,552</u> |
| Total Infrastructure Reserve Fund | | 1,093,552 |
| General Equipment Replacement Fund | | |
| Furniture and Equipment | | |
| | <u>75,114</u> | |
| | | <u>75,114</u> |
| Total General Equipment Replacement Fund | | 75,114 |
| Fire Equipment Replacement Fund | | |
| Engine 11 | | |
| | <u>990,000</u> | |
| | | <u>990,000</u> |
| Total Fire Equipment Replacement Fund | | 990,000 |
| Computer Equipment Replacement Fund | | |
| Permitting & Ticketing Software Replacement | | |
| | <u>1,500,000</u> | |
| | | <u>1,500,000</u> |
| Total Computer Equipment Replacement Fund | | 1,500,000 |
| Engineering Equipment Replacement Fund | | |
| Block Funding - Engineering Equipment | | |
| | <u>50,000</u> | |
| | | <u>50,000</u> |
| Total Engineering Equipment Replacement Fund | | 50,000 |
| Local Area Service Reserve Fund | | |
| Provision for Local Area Services - City Share | | |
| | <u>355,000</u> | |
| | | <u>355,000</u> |
| Total Local Area Service Reserve Fund | | 355,000 |
| Streets DCC Fund | | |
| West Keith Road Bike Facilities, Marine Drive to Chesterfield | | |
| | <u>287,100</u> | |
| | | <u>287,100</u> |
| Total Local Area Service Reserve Fund | | 287,100 |
| Parks DCC Fund | | |
| Provision for Park Acquisition | 18,000,000 | |
| Spirit Trail - Wayfinding | 24,750 | |
| Green Necklace - Wayfinding Program | 14,850 | |
| Spirit Trail - The Shipyards | 123,750 | |
| Green Necklace - East Keith Road (St. Andrew's to Grand Boulevard) | 495,000 | |
| Green Necklace - Grand Boulevard | 643,500 | |
| St. David's Avenue Greenway Connection | 49,500 | |
| Queensbury Avenue Greenway Connection | <u>49,500</u> | |
| | | <u>19,400,850</u> |
| Total Park DCC Fund | | 19,400,850 |
| Affordable Housing Reserve Fund | | |
| Affordable Housing - Potential Project | | |
| | <u>2,800,000</u> | |
| | | <u>2,800,000</u> |
| Total Affordable Housing Reserve Fund | | 2,800,000 |

**2016 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

| | | | |
|---|---------|----------------|-------------------|
| Sustainable Transportation Reserve Fund | | | |
| West Keith Road Bike Facilities, Marine Drive to Chesterfield | 145,895 | | |
| | | <u>145,895</u> | |
| Total Sustainable Transportation Reserve Fund | | | 145,895 |
| Lower Lonsdale Legacy Reserve Fund | | | |
| Lower Lonsdale Legacy Fund Grant Program | 85,977 | | |
| | | <u>85,977</u> | |
| Total Lower Lonsdale Legacy Reserve Fund | | | 85,977 |
| Public Art Reserve Fund | | | |
| Civic Public Art Program | 85,000 | | |
| | | <u>85,000</u> | |
| Total Public Art Reserve Fund | | | 85,000 |
| Child Care Capital Improvement Fund | | | |
| New Child Care Facility | 9,323 | | |
| | | <u>9,323</u> | |
| Total Child Care Capital Improvement Fund | | | 9,323 |
| Heritage Reserve Fund | | | |
| Heritage Reserve Fund - Potential Projects | 89,553 | | |
| | | <u>89,553</u> | |
| Total Heritage Reserve Fund | | | 89,553 |
| Carbon Fund | | | |
| Community Transportation Demand Management Program | 50,000 | | |
| Living City Tree Planting Program | 47,000 | | |
| Climate Action Implementation: Energy Efficiency Outreach Program | 100,000 | | |
| Community Renewable Energy Strategy | 100,000 | | |
| | | <u>297,000</u> | |
| Total Carbon Fund | | | 297,000 |
| General Reserve | | | |
| The Shipyards - Lot 3 Building Provisioning | 70,000 | | |
| The Shipyards - Lot 4 Building Start-Up and Provisioning | 150,000 | | |
| | | <u>220,000</u> | |
| Total General Reserve | | | 220,000 |
| Total Funding From Reserves | | | 60,982,934 |

**2016 PROJECT BUDGET
FUNDING ALLOCATION
DETAIL BY SOURCE**

| | | |
|---|------------|----------------------|
| Grants & Contributions | | |
| Land & Major Investments | | |
| Provision for External Funding and Contributions | 15,000,000 | 15,000,000 |
| | | |
| Buildings | | |
| Maintenance & Replacement Funding Request for Gerry Brewer Building | 196,452 | |
| Relocation of Presentation House Gallery | 2,500,000 | |
| | | 2,696,452 |
| Streets & Traffic | | |
| West Keith Road Bike Facilities, Marine Drive to Chesterfield | 230,000 | |
| Lonsdale & W. 23rd (W. 23rd between Lonsdale and Chesterfield) | 90,000 | |
| Living City Tree Planting Program | 5,000 | |
| 100 West 14th Street Median | 25,000 | |
| Electrical Kiosk Beautification Program | 7,000 | |
| | | 357,000 |
| Parks & Environment | | |
| Chief Dan George Park Renovation | 200,000 | |
| Moodyville Park Master Plan and Implementation | 100,000 | |
| Climate Action Implementation: Energy Efficiency Outreach Program | 50,000 | |
| Community Renewable Energy Strategy | 60,000 | |
| | | 410,000 |
| Equipment | | |
| WiseTrack Asset Tracking Software | 24,300 | |
| Museum & Archives Technology Refresh | 3,475 | |
| NVRC ITS Workstation Replacement | 31,000 | |
| NVRC ITS Network Printer and Notebook Replacement | 9,500 | |
| NVRC ITS Software | 11,000 | |
| NVRC ITS Network Servers and Devices | 30,000 | |
| NVRC ITS Recreation Software Replacement | 100,000 | |
| John Braithwaite Community Centre Network Assimilation | 25,000 | |
| Furniture and Equipment | 16,200 | |
| | | 250,475 |
| Block Funding | | |
| Block Funding - Gerry Brewer Building | 35,217 | |
| Block Funding - Police Equipment | 27,000 | |
| Block Funding - NVMA | 10,000 | |
| NVRC Emergency Capital Replacement Fund | 46,000 | |
| | | 118,217 |
| Total Grants & Contributions | | 18,832,144 |
| | | |
| TOTAL CITY AND EXTERNAL FUNDING | | \$ 79,815,078 |

**2016 PROJECT PLAN
FUNDING ALLOCATION
LIST BY LOCATION**

| | | Funding Request | External Funding | Total Funded by CNV |
|--|--|-----------------|------------------|---------------------|
| Lower Lonsdale | | | | |
| Proposed New Projects | Foot of Lonsdale Open Space | 1,850,000 | | 1,850,000 |
| Proposed New Projects | Shipyards Public Realm | 150,000 | | 150,000 |
| Proposed New Projects | The Shipyards - Lot 4 Building Start-Up and Provisioning | 400,000 | | 400,000 |
| Proposed New Projects | Central Waterfront Capital Project Provision | 2,925,000 | | 2,925,000 |
| Proposed New Projects | Electrical Building - Burrard Dry Dock Pier | 50,000 | | 50,000 |
| Proposed New Projects | Relocation of Presentation House Gallery | 4,100,000 | 2,500,000 | 1,600,000 |
| Proposed New Projects | PGE Station Provision | 400,000 | | 400,000 |
| Proposed New Projects | New Museum | 2,655,000 | | 2,655,000 |
| Proposed New Projects | Central Waterfront – Project Coordination and Oversight | 274,000 | | 274,000 |
| Maintenance & Replacement Funding | | | | |
| Request for Civic Centre | The Shipyards - Lot 3 Building Provisioning | 70,000 | | 70,000 |
| Block Funding | Block Funding - Waterfront Asset Infrastructure | 50,000 | | 50,000 |
| | | 12,924,000 | 2,500,000 | 10,424,000 |
| Land / Major Investments | | | | |
| Various Land Acquisitions | Strategic Land Acquisition | 3,500,000 | | 3,500,000 |
| Parks Acquisition - DCC Bylaw | | | | |
| Commitment | Provision for Park Acquisition | 18,000,000 | | 18,000,000 |
| Major Investments | Affordable Housing - Potential Project | 2,800,000 | | 2,800,000 |
| Major Investments | Provision for External Funding and Contributions | 15,000,000 | 15,000,000 | - |
| | | 39,300,000 | 15,000,000 | 24,300,000 |
| Civic Centre | | | | |
| Capital Maintenance | Maintenance & Replacement Funding Request for Civic Centre | 280,682 | | 280,682 |
| Pool Vehicle Replacement | Mini Van | 50,000 | | 50,000 |
| I.T. Equipment | User Device Replacements | 150,000 | | 150,000 |
| I.T. Equipment | Storage Infrastructure | 150,000 | | 150,000 |
| I.T. Equipment | Wired Network Replacement | 75,000 | | 75,000 |
| I.T. Equipment | Phone System Upgrade | 50,000 | | 50,000 |
| I.T. Equipment | 3D Modelling & LiDAR data | 40,000 | | 40,000 |
| I.T. Equipment | Permitting & Ticketing Software Replacement | 1,500,000 | | 1,500,000 |
| I.T. Equipment | Completion of Asset Management for Major Engineering Assets | 100,000 | | 100,000 |
| General Equipment | Furniture and Equipment | 101,650 | 16,200 | 85,450 |
| Block Funding Various Departments | Block Funding City Used Buildings | 80,000 | | 80,000 |
| Block Funding Various Departments | Block Funding - Information Technology | 75,000 | | 75,000 |
| | | 2,652,332 | 16,200 | 2,636,132 |
| Engineering - City Yard & Equipment | | | | |
| Capital Maintenance | Maintenance & Replacement Funding Request for Operations Centre | 56,175 | | 56,175 |
| Engineering Vehicle Replacement | Trail & Bikeway Sweeper | 60,000 | | 60,000 |
| Engineering Vehicle Replacement | Ride-On Roller | 65,000 | | 65,000 |
| Block Funding | Block Funding - Engineering Equipment | 50,000 | | 50,000 |
| Other Buildings / Facilities | | | | |
| Capital Maintenance | Maintenance & Replacement Funding Request for City Owned/Non City Used Buildings | 108,605 | | 108,605 |
| Block Funding | Block Funding - Non-City Used Buildings | 80,000 | | 80,000 |
| | | 188,605 | - | 188,605 |
| Grants | | | | |

**2016 PROJECT PLAN
FUNDING ALLOCATION
LIST BY LOCATION**

| | | Funding Request | External Funding | Total Funded by CNV |
|---|---|-----------------|------------------|---------------------|
| Proposed New Projects | New Child Care Facility | 50,000 | | 50,000 |
| Proposed New Projects | Heritage Reserve Fund - Potential Projects | 89,553 | | 89,553 |
| On-Going Programs | Lower Lonsdale Legacy Fund Grant Program | 85,977 | | 85,977 |
| | | 225,530 | - | 225,530 |
| On-Going Programs & One-Time Studies | | | | |
| On-Going Program | Studio in the City - Youth Employment in the Arts | 50,000 | | 50,000 |
| One-Time Studies | Streamlining Development Controls | 60,000 | | 60,000 |
| One-Time Studies | Land Use Plan Review | 150,000 | | 150,000 |
| One-Time Studies | Shipbuilders' Square and Public Realm Events | 75,000 | | 75,000 |
| One-Time Studies | COR Certification Readiness Project | 42,800 | | 42,800 |
| One-Time Studies | CNV4ME Implementation | 50,000 | | 50,000 |
| One-Time Studies | Outreach Support - Built Environment | 30,000 | | 30,000 |
| One-Time Studies | North Vancouver Economic Commission | 70,000 | | 70,000 |
| One-Time Studies | Rogers Plaza / Jack Loucks Court Enhancement Study | 60,000 | | 60,000 |
| One-Time Studies | Council Report and Resolution Digital Archive | 15,000 | | 15,000 |
| | | 602,800 | - | 602,800 |
| Fire & Rescue | | | | |
| Capital Maintenance | Maintenance & Replacement Funding Request for Fire Hall | 420,362 | | 420,362 |
| Fire Equipment | Turnout Gear | 40,000 | | 40,000 |
| Fire Equipment | Misc. Rescue Equipment | 15,000 | | 15,000 |
| Fire Equipment | Engine 11 | 1,020,000 | | 1,020,000 |
| | | 1,495,362 | - | 1,495,362 |
| Police | | | | |
| Capital Maintenance | Maintenance & Replacement Funding Request for Gerry Brewer Building | 363,800 | 196,452 | 167,348 |
| Information Technology | WiseTrack Asset Tracking Software | 45,000 | 24,300 | 20,700 |
| Block Funding | Block Funding - Gerry Brewer Building | 65,217 | 35,217 | 30,000 |
| Block Funding | Block Funding- Police Equipment | 50,000 | 27,000 | 23,000 |
| | | 524,017 | 282,969 | 241,048 |
| Recreation | | | | |
| Capital Maintenance | Harry Jerome Community Recreation Centre | 40,000 | | 40,000 |
| Capital Maintenance | Memorial Community Recreation Centre | 10,000 | | 10,000 |
| Capital Maintenance | Mickey McDougall Community Recreation Centre | 10,000 | | 10,000 |
| Capital Maintenance | Centennial Theatre | 85,000 | | 85,000 |
| Capital Maintenance | John Braithwaite Community Recreation Centre | 90,000 | | 90,000 |
| Capital Maintenance | John Braithwaite CC Security and Access | 35,000 | | 35,000 |
| Capital Maintenance | John Braithwaite Community Recreation Centre - Additional Projects | 40,000 | | 40,000 |
| Major Renovation | Harry Jerome Redevelopment Study and Building Renewal | 11,350,000 | | 11,350,000 |
| Major Renovation | HJRC Skatepark Roofing | 50,000 | | 50,000 |
| Major Renovation | Harry Jerome Community Recreation Complex - Major Repairs | 325,000 | | 325,000 |
| I.T. Equipment | NVRC ITS Workstation Replacement | 46,000 | 31,000 | 15,000 |
| I.T. Equipment | NVRC ITS Network Printer and Notebook Replacement | 14,500 | 9,500 | 5,000 |
| I.T. Equipment | NVRC ITS Software | 16,500 | 11,000 | 5,500 |
| I.T. Equipment | NVRC ITS Network Servers and Devices | 45,500 | 30,000 | 15,500 |
| I.T. Equipment | NVRC ITS Recreation Software Replacement | 150,000 | 100,000 | 50,000 |

**2016 PROJECT PLAN
FUNDING ALLOCATION
LIST BY LOCATION**

| | | Funding Request | External Funding | Total Funded by CNV |
|--|--|-----------------|------------------|---------------------|
| I.T. Equipment | John Braithwaite Community Centre Network Assimilation | 73,000 | 25,000 | 48,000 |
| Recreation Equipment | HJ - Weight room equipment replacement program | 50,000 | | 50,000 |
| Recreation Equipment | JB - Weight room equipment replacement program | 30,000 | | 30,000 |
| Recreation Equipment | CT - Main auditorium speaker replacements | 85,000 | | 85,000 |
| Block Funding | Block Funding - NVRC | 70,000 | | 70,000 |
| Block Funding | NVRC Emergency Capital Replacement Fund | 69,000 | 46,000 | 23,000 |
| | | 12,684,500 | 252,500 | 12,432,000 |
| Museum & Archives | | | | |
| I.T. Equipment | Museum & Archives Technology Refresh | 6,950 | 3,475 | 3,475 |
| Block Funding | Block Funding - Museum & Archives | 20,000 | 10,000 | 10,000 |
| | | 26,950 | 13,475 | 13,475 |
| Library | | | | |
| Capital Maintenance | Maintenance & Replacement Funding Request for Civic Library | 68,606 | | 68,606 |
| Block Funding | Block Funding - Library Equipment | 25,000 | | 25,000 |
| | | 93,606 | - | 93,606 |
| Public Art | | | | |
| Public Art | Civic Public Art Program | 85,000 | | 85,000 |
| Streets | | | | |
| Parking & Streetscapes | Living City Tree Planting Program | 52,000 | 5,000 | 47,000 |
| Parking & Streetscapes | 100 West 14th Street Median | 50,000 | 25,000 | 25,000 |
| Parking & Streetscapes | Electrical Kiosk Beautification Program | 20,000 | 7,000 | 13,000 |
| City Lighting Program | Pedestrian and Roadway Lighting Implementation | 120,000 | | 120,000 |
| City Lighting Program | Street Light and Traffic Signal Aging Pole Replacement | 50,000 | | 50,000 |
| Studies | Pedestrian Plan Update | 85,000 | | 85,000 |
| Major Projects | Bridge Rehabilitation | 350,000 | | 350,000 |
| Major Projects | Keith and Brooksbank Active Transportation Improvements | 80,000 | | 80,000 |
| Local Area Service | Provision for Local Area Services - City Share | 355,000 | | 355,000 |
| Pavement Management | Pavement Management: Streets and Lanes | 1,700,000 | | 1,700,000 |
| Pavement Management | Pavement Condition Testing | 10,000 | | 10,000 |
| | | 2,872,000 | 37,000 | 2,835,000 |
| Traffic | | | | |
| Sustainable Transportation Initiatives | West Keith Road Bike Facilities, Marine Drive to Chesterfield | 680,000 | 230,000 | 450,000 |
| Safety/Pedestrian Improvements Program | Safe Routes to Schools | 70,000 | | 70,000 |
| Safety/Pedestrian Improvements Program | Traffic Signs and Pavement Markings | 20,000 | - | 20,000 |
| Safety/Pedestrian Improvements Program | Local Traffic Safety Improvements | 30,000 | | 30,000 |
| Safety/Pedestrian Improvements Program | Sidewalk Infill & Reconstruction | 170,000 | | 170,000 |
| Safety/Pedestrian Improvements Program | Lonsdale & W. 23rd (W. 23rd between Lonsdale and Chesterfield) | 140,000 | 90,000 | 50,000 |
| Cycling Improvements Program | Pedestrian/Bike Signal at 3rd & St. Andrew's | 25,000 | | 25,000 |
| Cycling Improvements Program | Casano Loutet Overpass | 100,000 | | 100,000 |
| Transit Program | Transit Improvements | 40,000 | | 40,000 |

**2016 PROJECT PLAN
FUNDING ALLOCATION
LIST BY LOCATION**

| | | Funding Request | External Funding | Total Funded by CNV |
|--|--|-------------------|-------------------|---------------------|
| Transportation Demand Management Program | Community Transportation Demand Management Program | 50,000 | | 50,000 |
| Traffic Signal System Program | Traffic Signal System Upgrades | 260,000 | | 260,000 |
| Traffic Signal System Program | Automated Monitoring Devices | 20,000 | | 20,000 |
| Traffic Calming Program | Cloverley Neighbourhood - Short-Cutting Prevention Measures | 150,000 | | 150,000 |
| Block Funding | Block Funding - Transportation | 30,000 | | 30,000 |
| | | 1,785,000 | 320,000 | 1,465,000 |
| Parks & Environment | | | | |
| Capital Maintenance | Maintenance & Replacement Funding Request for Parks Buildings | 37,450 | | 37,450 |
| Park Specific | St. Andrews Park Improvements | 70,000 | | 70,000 |
| Park Specific | Derek Inman Tennis Court Lighting Replacement | 80,000 | | 80,000 |
| Park Specific | Goldsworthy Pier Floating Dock Replacement | 65,000 | | 65,000 |
| Park Specific | Pier - Access Ladder and Tug Protection | 20,000 | | 20,000 |
| Park Specific | Chief Dan George Park Renovation | 200,000 | 200,000 | - |
| Park Specific | Moodyville Park Master Plan and Implementation | 100,000 | 100,000 | - |
| City Wide Programs | Chafer Beetle Turf Restoration | 50,000 | | 50,000 |
| City Wide Programs | Wooden Bridge and Stair Replacement | 50,000 | | 50,000 |
| City Wide Programs | Grass Sports Field Renovations | 100,000 | | 100,000 |
| City Wide Programs | Play Equipment Replacement | 35,000 | | 35,000 |
| | Parks Furnishings and Signage | 26,750 | | 26,750 |
| | Invasives Management and Forest Restoration | 75,000 | | 75,000 |
| Greenways Program | Spirit Trail - Wayfinding | 50,000 | | 50,000 |
| Greenways Program | Green Necklace - Wayfinding Program | 30,000 | - | 30,000 |
| Greenways Program | Spirit Trail - The Shipyards | 250,000 | | 250,000 |
| Greenways Program | Green Necklace - East Keith Road (St. Andrew's to Grand Boulevard) | 1,000,000 | | 1,000,000 |
| Greenways Program | Green Necklace - Grand Boulevard | 1,300,000 | | 1,300,000 |
| Greenways Program | St. David's Avenue Greenway Connection | 100,000 | | 100,000 |
| Greenways Program | Queensbury Avenue Greenway Connection | 100,000 | | 100,000 |
| | Climate Action Implementation: Energy Efficiency Outreach Program | 150,000 | 50,000 | 100,000 |
| Environmental Sustainability | Community Renewable Energy Strategy | 160,000 | 60,000 | 100,000 |
| Block Funding | Parks Infrastructure - Block Funding | 75,000 | | 75,000 |
| | | 4,124,200 | 410,000 | 3,714,200 |
| TOTAL 2016 PROJECT PLAN | | 79,815,078 | 18,832,144 | 60,982,934 |

**2016 PROJECT PLAN
LAND AND MAJOR INVESTMENTS**

| 2016 LAND & MAJOR INVESTMENTS | | 2016 TSL FUND | 2016 PARK DCC FUND | 2016 AFF HSING FUND | TOTAL 2016 CITY FUNDING | 2016 GRANTS & CONTRIB. | TOTAL ALLOCATED |
|--|--------------------------------------|------------------------------|-----------------------------------|------------------------------------|--|---|----------------------------|
| | | (Principal) | | | | | |
| ITEM DESCRIPTION | TOTAL FUNDS REQUESTED | | | | | | |
| Various Land Acquisitions | | | | | | | |
| Strategic Land Acquisition | 3,500,000 | 3,500,000 | | | 3,500,000 | | 3,500,000 |
| | 3,500,000 | 3,500,000 | - | - | 3,500,000 | - | 3,500,000 |
| Parks Acquisition - DCC Bylaw Commitment | | | | | | | |
| Provision for Park Acquisition | 18,000,000 | | 18,000,000 | | 18,000,000 | | 18,000,000 |
| | 18,000,000 | - | 18,000,000 | - | 18,000,000 | - | 18,000,000 |
| Major Investments | | | | | | | |
| Affordable Housing - Potential Project | 2,800,000 | | | 2,800,000 | 2,800,000 | | 2,800,000 |
| Provision for External Funding and Contributions | 15,000,000 | | | | - | 15,000,000 | 15,000,000 |
| | 17,800,000 | - | - | 2,800,000 | 2,800,000 | 15,000,000 | 17,800,000 |
| TOTAL | 39,300,000 | 3,500,000 | 18,000,000 | 2,800,000 | 24,300,000 | 15,000,000 | 39,300,000 |

**2016 PROJECT BUDGET
BUILDINGS**

| 2016 BUILDINGS | | 2016 ANNUAL BUDGET | 2016 TSL FUND | 2016 TSL FUND | 2016 CIVIC AMEN. FUND | 2016 LL AMEN. FUND | 2016 GEN BLDG FUND | 2016 JUST. ADMIN FUND | 2016 CHILD CARE CAP IMP | 2016 HERITAGE RESERVE | 2016 GENERAL RESERVE | TOTAL 2016 CITY FUNDING | 2016 GRANTS & CONTRIB. | TOTAL ALLOCATED |
|--|-----------------------|--------------------|---------------|----------------|-----------------------|--------------------|--------------------|-----------------------|-------------------------|-----------------------|----------------------|-------------------------|------------------------|-------------------|
| ITEM DESCRIPTION | TOTAL FUNDS REQUESTED | | | | | | | | | | | | | |
| Capital Maintenance | | | | | | | | | | | | | | |
| Maintenance & Replacement Funding Request for Civic Centre | 280,682 | | | | | | 280,682 | | | | | 280,682 | | 280,682 |
| Maintenance & Replacement Funding Request for Gerry Brewer Building | 363,800 | | | | | | 40,219 | 127,129 | | | | 167,348 | 196,452 | 363,800 |
| Maintenance & Replacement Funding Request for Fire Hall | 420,362 | | | | | | 420,362 | | | | | 420,362 | | 420,362 |
| Maintenance & Replacement Funding Request for City Owned/Non City Used Buildings | 108,605 | | | | | | 108,605 | | | | | 108,605 | | 108,605 |
| Maintenance & Replacement Funding Request for Parks Buildings | 37,450 | | | | | | 37,450 | | | | | 37,450 | | 37,450 |
| Maintenance & Replacement Funding Request for Operations Centre | 56,175 | 27,780 | | | | | 28,395 | | | | | 56,175 | | 56,175 |
| Maintenance & Replacement Funding Request for Civic Library | 68,606 | 68,606 | | | | | | | | | | 68,606 | | 68,606 |
| The Shipyards - Lot 3 Building Provisioning | 70,000 | | | | | | | | | | 70,000 | | | 70,000 |
| Harry Jerome Community Recreation Centre | 40,000 | 40,000 | | | | | | | | | | 40,000 | | 40,000 |
| Memorial Community Recreation Centre | 10,000 | 10,000 | | | | | | | | | | 10,000 | | 10,000 |
| Mickey McDougall Community Recreation Centre | 10,000 | 10,000 | | | | | | | | | | 10,000 | | 10,000 |
| Centennial Theatre | 85,000 | 85,000 | | | | | | | | | | 85,000 | | 85,000 |
| John Braithwaite Community Recreation Centre | 90,000 | 90,000 | | | | | | | | | | 90,000 | | 90,000 |
| John Braithwaite CC Security and Access | 35,000 | 35,000 | | | | | | | | | | 35,000 | | 35,000 |
| John Braithwaite Community Recreation Centre - Additional Projects | 40,000 | 40,000 | | | | | | | | | | 40,000 | | 40,000 |
| | 1,715,681 | 406,386 | - | - | - | - | 915,714 | 127,129 | - | - | 70,000 | 1,519,229 | 196,452 | 1,715,681 |
| Major Renovation | | | | | | | | | | | | | | |
| Harry Jerome Redevelopment Study and Building Renewal | 11,350,000 | | | | 11,350,000 | | | | | | | 11,350,000 | | 11,350,000 |
| HJRC Skatepark Roofing | 50,000 | | | 50,000 | | | | | | | | 50,000 | | 50,000 |
| Harry Jerome Community Recreation Complex - Major Repairs | 325,000 | | | 325,000 | | | | | | | | 325,000 | | 325,000 |
| | 11,725,000 | - | - | 375,000 | 11,350,000 | - | - | - | - | - | - | 11,725,000 | - | 11,725,000 |
| Proposed New Projects | | | | | | | | | | | | | | |
| Foot of Lonsdale Open Space | 1,850,000 | | | | 1,569,641 | 280,359 | | | | | | 1,850,000 | | 1,850,000 |
| Shipyards Public Realm | 150,000 | | | | | | | | | | 150,000 | 150,000 | | 150,000 |
| The Shipyards - Lot 4 Building Start-Up and Provisioning | 400,000 | | | | 400,000 | | | | | | | 400,000 | | 400,000 |
| Central Waterfront Capital Project Provision | 2,925,000 | | 2,925,000 | | | | | | | | | 2,925,000 | | 2,925,000 |
| Electrical Building - Burrard Dry Dock Pier | 50,000 | | | | 50,000 | | | | | | | 50,000 | | 50,000 |
| Relocation of Presentation House Gallery | 4,100,000 | | | | | 1,600,000 | | | | | | 1,600,000 | 2,500,000 | 4,100,000 |
| PGE Station Provision | 400,000 | | | | | 400,000 | | | | | | 400,000 | | 400,000 |

**2016 PROJECT BUDGET
BUILDINGS**

| 2016 BUILDINGS | | 2016 ANNUAL BUDGET | 2016 TSL FUND | 2016 TSL FUND | 2016 CIVIC AMEN. FUND | 2016 LL AMEN. FUND | 2016 GEN BLDG FUND | 2016 JUST. ADMIN FUND | 2016 CHILD CARE CAP IMP | 2016 HERITAGE RESERVE | 2016 GENERAL RESERVE | TOTAL 2016 CITY FUNDING | 2016 GRANTS & CONTRIB. | TOTAL ALLOCATED |
|---|-------------------|-----------------------------------|------------------------------|------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|--------------------------------------|--|--------------------------------------|-------------------------------------|--|---|----------------------------|
| New Museum | 2,655,000 | | | | 2,655,000 | | | | | | | 2,655,000 | | 2,655,000 |
| New Child Care Facility | 50,000 | | | 40,677 | | | | | 9,323 | | | 50,000 | | 50,000 |
| Heritage Reserve Fund - Potential Projects | 89,553 | | | | | | | | | 89,553 | | 89,553 | | 89,553 |
| Central Waterfront – Project Coordination and Oversight | 274,000 | | | | 274,000 | | | | | | | 274,000 | | 274,000 |
| | 12,943,553 | - | 2,925,000 | 40,677 | 4,948,641 | 2,280,359 | - | - | 9,323 | 89,553 | 150,000 | 10,443,553 | 2,500,000 | 12,943,553 |
| TOTAL | 26,384,234 | 406,386 | 2,925,000 | 415,677 | 16,298,641 | 2,280,359 | 915,714 | 127,129 | 9,323 | 89,553 | 220,000 | 23,687,782 | 2,696,452 | 26,384,234 |

**2016 PROJECT BUDGET
STRUCTURES: TRANSPORTATION AND STREETS**

| 2016 TRANSPORTATION & STREETS | | 2016 ANNUAL BUDGET | 2016 INFRASTR. FUND | 2016 LAS FUND | 2016 STREETS DCC FUND | 2016 SUST. TRN. FUND | 2016 CARBON FUND | TOTAL 2016 CITY FUNDING | 2016 GRANTS & CONTRIB. | TOTAL ALLOCATED |
|--|------------------------|---------------------------|----------------------------|----------------------|------------------------------|-----------------------------|-------------------------|--------------------------------|-----------------------------------|------------------------|
| ITEM DESCRIPTION | FUNDS REQUESTED | | | | | | | | | |
| TRAFFIC & TRANSPORTATION | | | | | | | | | | |
| Sustainable Transportation Initiatives | | | | | | | | | | |
| West Keith Road Bike Facilities, Marine Drive to Chesterfield | 680,000 | 17,005 | | | 287,100 | 145,895 | | 450,000 | 230,000 | 680,000 |
| | 680,000 | 17,005 | - | - | 287,100 | 145,895 | - | 450,000 | 230,000 | 680,000 |
| Safety/Pedestrian Improvements Program | | | | | | | | | | |
| Safe Routes to Schools | 70,000 | 70,000 | | | | | | 70,000 | | 70,000 |
| Traffic Signs and Pavement Markings | 20,000 | 20,000 | | | | | | 20,000 | | 20,000 |
| Local Traffic Safety Improvements | 30,000 | 30,000 | | | | | | 30,000 | | 30,000 |
| Sidewalk Infill & Reconstruction | 170,000 | 170,000 | | | | | | 170,000 | | 170,000 |
| Lonsdale & W. 23rd (W. 23rd between Lonsdale and Chesterfield) | 140,000 | 50,000 | | | | | | 50,000 | 90,000 | 140,000 |
| | 430,000 | 340,000 | - | - | - | - | - | 340,000 | 90,000 | 430,000 |
| Cycling Improvements Program | | | | | | | | | | |
| Pedestrian/Bike Signal at 3rd & St. Andrew's | 25,000 | 25,000 | | | | | | 25,000 | | 25,000 |
| Casano Loutet Overpass | 100,000 | 100,000 | | | | | | 100,000 | | 100,000 |
| | 125,000 | 125,000 | - | - | - | - | - | 125,000 | - | 125,000 |
| Transit Program | | | | | | | | | | |
| Transit Improvements | 40,000 | 40,000 | | | | | | 40,000 | | 40,000 |
| | 40,000 | 40,000 | - | - | - | - | - | 40,000 | - | 40,000 |
| Transportation Demand Management Program | | | | | | | | | | |
| Community Transportation Demand Management Program | 50,000 | | | | | | 50,000 | 50,000 | | 50,000 |
| | 50,000 | - | - | - | - | - | 50,000 | 50,000 | - | 50,000 |

**2016 PROJECT BUDGET
STRUCTURES: TRANSPORTATION AND STREETS**

| 2016 TRANSPORTATION & STREETS | | 2016 | 2016 | 2016 | 2016 | 2016 | 2016 | TOTAL | 2016 | TOTAL |
|---|------------------------|----------------------|-----------------------|-----------------|-------------------------|------------------------|--------------------|--------------------------|------------------------------|------------------|
| | | ANNUAL BUDGET | INFRASTR. FUND | LAS FUND | STREETS DCC FUND | SUST. TRN. FUND | CARBON FUND | 2016 CITY FUNDING | GRANTS & CONTRIB. | ALLOCATED |
| ITEM DESCRIPTION | FUNDS REQUESTED | | | | | | | | | |
| Traffic Signal System Program | | | | | | | | | | |
| Traffic Signal System Upgrades | 260,000 | 260,000 | | | | | 260,000 | | | 260,000 |
| Automated Monitoring Devices | 20,000 | 20,000 | | | | | 20,000 | | | 20,000 |
| | 280,000 | 280,000 | - | - | - | - | 280,000 | - | | 280,000 |
| Traffic Calming Program | | | | | | | | | | |
| Cloverley Neighbourhood - Short-Cutting Prevention Measures | 150,000 | 150,000 | | | | | 150,000 | | | 150,000 |
| | 150,000 | 150,000 | - | - | - | - | 150,000 | - | | 150,000 |
| STREETS | | | | | | | | | | |
| Parking and Streetscapes | | | | | | | | | | |
| Living City Tree Planting Program | 52,000 | | | | | 47,000 | 47,000 | 5,000 | | 52,000 |
| 100 West 14th Street Median | 50,000 | 25,000 | | | | | 25,000 | 25,000 | | 50,000 |
| Electrical Kiosk Beautification Program | 20,000 | 13,000 | | | | | 13,000 | 7,000 | | 20,000 |
| | 122,000 | 38,000 | - | - | - | - | 47,000 | 37,000 | | 122,000 |
| City Lighting Program | | | | | | | | | | |
| Pedestrian and Roadway Lighting Implementation | 120,000 | 120,000 | | | | | 120,000 | | | 120,000 |
| Street Light and Traffic Signal Aging Pole Replacement | 50,000 | 50,000 | | | | | 50,000 | | | 50,000 |
| | 170,000 | 170,000 | - | - | - | - | 170,000 | - | | 170,000 |
| Studies | | | | | | | | | | |
| Pedestrian Plan Update | 85,000 | 85,000 | | | | | 85,000 | | | 85,000 |
| | 85,000 | 85,000 | - | - | - | - | 85,000 | - | | 85,000 |
| Major Projects | | | | | | | | | | |
| Bridge Rehabilitation | 350,000 | 350,000 | | | | | 350,000 | | | 350,000 |
| Keith and Brooksbank Active Transportation Improvements | 80,000 | 80,000 | | | | | 80,000 | | | 80,000 |
| | 430,000 | 430,000 | - | - | - | - | 430,000 | - | | 430,000 |

**2016 PROJECT BUDGET
STRUCTURES: TRANSPORTATION AND STREETS**

| 2016 TRANSPORTATION & STREETS | | 2016 | 2016 | 2016 | 2016 | 2016 | 2016 | TOTAL | 2016 | TOTAL | |
|--|------------------|------------------|------------------|----------------|--------------------|-------------------|---------------|------------------|---------------------|------------------|--|
| | | ANNUAL | INFRAST. | LAS | STREETS DCC | SUST. TRN. | CARBON | 2016 CITY | GRANTS & | ALLOCATED | |
| | | BUDGET | FUND | FUND | FUND | FUND | FUND | FUNDING | CONTRIB. | | |
| ITEM DESCRIPTION | FUNDS | | | | | | | | | | |
| | REQUESTED | | | | | | | | | | |
| Local Area Service | | | | | | | | | | | |
| Provision for Local Area Services - City Share | 355,000 | | | 355,000 | | | | 355,000 | | 355,000 | |
| | 355,000 | - | - | 355,000 | - | - | - | 355,000 | - | 355,000 | |
| Pavement Management | | | | | | | | | | | |
| Pavement Management: Streets and Lanes | 1,700,000 | 606,448 | 1,093,552 | | | | | 1,700,000 | | 1,700,000 | |
| Pavement Condition Testing | 10,000 | 10,000 | | | | | | 10,000 | | 10,000 | |
| | 1,710,000 | 616,448 | 1,093,552 | - | - | - | - | 1,710,000 | - | 1,710,000 | |
| TOTAL | 4,627,000 | 2,291,453 | 1,093,552 | 355,000 | 287,100 | 145,895 | 97,000 | 4,270,000 | 357,000 | 4,627,000 | |

**2016 PROJECT BUDGET
STRUCTURES: PARKS AND ENVIRONMENT**

| 2016 PARKS & ENVIRONMENT | | 2016 ANNUAL BUDGET | 2016 CIVIC AMENTIY FUND | 2016 PARK DCC FUND | 2016 CARBON FUND | TOTAL 2016 CITY FUNDING | 2016 GRANTS & CONTRIB. | TOTAL ALLOCATED |
|--|------------------------------|---------------------------|--------------------------------|---------------------------|-------------------------|--------------------------------|-----------------------------------|------------------------|
| ITEM DESCRIPTION | TOTAL FUNDS REQUESTED | | | | | | | |
| Park Specific | | | | | | | | |
| St. Andrews Park Improvements | 70,000 | 70,000 | | | | 70,000 | | 70,000 |
| Derek Inman Tennis Court Lighting Replacement | 80,000 | 80,000 | | | | 80,000 | | 80,000 |
| Goldsworthy Pier Floating Dock Replacement | 65,000 | 65,000 | | | | 65,000 | | 65,000 |
| Pier - Access Ladder and Tug Protection | 20,000 | 20,000 | | | | 20,000 | | 20,000 |
| Chief Dan George Park Renovation | 200,000 | | | | | | 200,000 | 200,000 |
| Moodyville Park Master Plan and Implementation | 100,000 | | | | | | 100,000 | 100,000 |
| | | | | | | | | |
| | 535,000 | 235,000 | - | - | - | 235,000 | 300,000 | 535,000 |
| | | | | | | | | |
| | | | | | | | | |
| City Wide Programs | | | | | | | | |
| Chafer Beetle Turf Restoration | 50,000 | 50,000 | | | | 50,000 | | 50,000 |
| Wooden Bridge and Stair Replacement | 50,000 | 50,000 | | | | 50,000 | | 50,000 |
| Grass Sports Field Renovations | 100,000 | 100,000 | | | | 100,000 | | 100,000 |
| Play Equipment Replacement | 35,000 | 35,000 | | | | 35,000 | | 35,000 |
| Parks Furnishings and Signage | 26,750 | 26,750 | | | | 26,750 | | 26,750 |
| Invasives Management and Forest Restoration | 75,000 | 75,000 | | | | 75,000 | | 75,000 |
| | 336,750 | 336,750 | - | - | - | 336,750 | - | 336,750 |
| | | | | | | | | |
| Greenways Program | | | | | | | | |
| Spirit Trail - Wayfinding | 50,000 | | 25,250 | 24,750 | | 50,000 | | 50,000 |
| Green Necklace - Wayfinding Program | 30,000 | | 15,150 | 14,850 | | 30,000 | | 30,000 |
| Spirit Trail - The Shipyards | 250,000 | | 126,250 | 123,750 | | 250,000 | | 250,000 |
| Green Necklace - East Keith Road (St. Andrew's to Grand Boulevard) | 1,000,000 | | 505,000 | 495,000 | | 1,000,000 | | 1,000,000 |
| Green Necklace - Grand Boulevard | 1,300,000 | | 656,500 | 643,500 | | 1,300,000 | | 1,300,000 |
| St. David's Avenue Greenway Connection | 100,000 | | 50,500 | 49,500 | | 100,000 | | 100,000 |
| Queensbury Avenue Greenway Connection | 100,000 | | 50,500 | 49,500 | | 100,000 | | 100,000 |
| | 2,830,000 | - | 1,429,150 | 1,400,850 | - | 2,830,000 | - | 2,830,000 |

**2016 PROJECT BUDGET
STRUCTURES: PARKS AND ENVIRONMENT**

| 2016 PARKS & ENVIRONMENT | 2016 ANNUAL BUDGET | 2016 CIVIC AMENTIY FUND | 2016 PARK DCC FUND | 2016 CARBON FUND | TOTAL 2016 CITY FUNDING | 2016 GRANTS & CONTRIB. | TOTAL ALLOCATED |
|---|---------------------------|--------------------------------|---------------------------|-------------------------|--------------------------------|-----------------------------------|------------------------|
| Environmental Sustainability | | | | | | | |
| Climate Action Implementation: Energy Efficiency Outreach Program | 150,000 | | | 100,000 | 100,000 | 50,000 | 150,000 |
| Community Renewable Energy Strategy | 160,000 | | | 100,000 | 100,000 | 60,000 | 160,000 |
| | 310,000 | - | - | 200,000 | 200,000 | 110,000 | 310,000 |
| TOTAL | 4,011,750 | 571,750 | 1,429,150 | 1,400,850 | 200,000 | 3,601,750 | 410,000 |
| | | | | | | | 4,011,750 |

**2016 PROJECT BUDGET
STRUCTURES: PUBLIC ART**

| 2016 PUBLIC ART | | 2016 PUBLIC ART FUND | 2016 GRANTS & CONTRIB. | TOTAL 2016 CITY FUNDING | TOTAL ALLOCATED |
|--------------------------|--------------------------------------|-------------------------------------|---|--|----------------------------|
| ITEM DESCRIPTION | TOTAL FUNDS REQUESTED | TOTAL FUNDS PROVIDED | | | |
| Civic Public Art Program | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 |
| | 85,000 | 85,000 | 85,000 | - | 85,000 |

**2016 PROJECT PLAN
EQUIPMENT**

| 2016 EQUIPMENT | | | 2016 ANNUAL BUDGET | 2016 TSL FUND | 2016 GEN EQUIP FUND | 2016 COMP EQUIP FUND | TOTAL 2016 CITY FUNDING | 2016 GRANTS & CONTRIB. | TOTAL ALLOCATED |
|-----------------------------|---|------------------------------|--------------------|----------------|---------------------|----------------------|-------------------------|------------------------|------------------|
| | | TOTAL FUNDS REQUESTED | | | | | | | |
| | | | | (Interest) | | | | | |
| DEPARTMENT | ITEM DESCRIPTION | TOTAL FUNDS REQUESTED | | | | | | | |
| Computer Equipment | | | | | | | | | |
| I.T. | User Device Replacements | 150,000 | 150,000 | | | | 150,000 | | 150,000 |
| I.T. | Storage Infrastructure | 150,000 | 73,368 | 76,632 | | | 150,000 | | 150,000 |
| I.T. | Wired Network Replacement | 75,000 | | 75,000 | | | 75,000 | | 75,000 |
| I.T. | Phone System Upgrade | 50,000 | | 50,000 | | | 50,000 | | 50,000 |
| I.T. | 3D Modelling & LiDAR data | 40,000 | | 40,000 | | | 40,000 | | 40,000 |
| I.T. | Permitting & Ticketing Software Replacement | 1,500,000 | | | | 1,500,000 | 1,500,000 | | 1,500,000 |
| | Completion of Asset Management for Major Engineering Assets | 100,000 | | 100,000 | | | 100,000 | | 100,000 |
| Police | WiseTrack Asset Tracking Software | 45,000 | | 20,700 | | | 20,700 | 24,300 | 45,000 |
| NVMA | Museum & Archives Technology Refresh | 6,950 | | 3,475 | | | 3,475 | 3,475 | 6,950 |
| NVRC | NVRC ITS Workstation Replacement | 46,000 | | 15,000 | | | 15,000 | 31,000 | 46,000 |
| | NVRC ITS Network Printer and Notebook Replacement | 14,500 | | 5,000 | | | 5,000 | 9,500 | 14,500 |
| NVRC | NVRC ITS Software | 16,500 | | 5,500 | | | 5,500 | 11,000 | 16,500 |
| NVRC | NVRC ITS Network Servers and Devices | 45,500 | | 15,500 | | | 15,500 | 30,000 | 45,500 |
| NVRC | NVRC ITS Recreation Software Replacement | 150,000 | | 50,000 | | | 50,000 | 100,000 | 150,000 |
| NVRC | John Braithwaite Community Centre Network Assimilation | 73,000 | | 48,000 | | | 48,000 | 25,000 | 73,000 |
| | | 2,462,450 | 223,368 | 504,807 | - | 1,500,000 | 2,228,175 | 234,275 | 2,462,450 |
| Fire Equipment | | | | | | | | | |
| Fire | Turnout Gear | 40,000 | | 40,000 | | | 40,000 | | 40,000 |
| Fire | Misc. Rescue Equipment | 15,000 | | 15,000 | | | 15,000 | | 15,000 |
| | | 55,000 | - | 55,000 | - | - | 55,000 | - | 55,000 |
| General Equipment | | | | | | | | | |
| Facilities | Furniture and Equipment | 101,650 | 10,336 | | 75,114 | | 85,450 | 16,200 | 101,650 |
| | | | | | | | | | - |
| Recreation Equipment | | | | | | | | | |
| NVRC | HJ - Weight room equipment replacement program | 50,000 | 50,000 | | | | 50,000 | | 50,000 |
| NVRC | JB - Weight room equipment replacement program | 30,000 | 30,000 | | | | 30,000 | | 30,000 |
| NVRC | CT - Main auditorium speaker replacements | 85,000 | 85,000 | | | | 85,000 | | 85,000 |
| | | 165,000 | 165,000 | - | - | - | 165,000 | - | 165,000 |
| TOTAL | | 2,784,100 | 398,704 | 559,807 | 75,114 | 1,500,000 | 2,533,625 | 250,475 | 2,784,100 |

**2016 PROJECT PLAN
VEHICLES**

| 2016 VEHICLES | | | 2016 | 2016 | 2016 | 2016 | TOTAL | TOTAL |
|--|------|-------------------------|------------------|----------------|---------------|----------------|------------------|------------------|
| | | | ANNUAL | TSL | FIRE EQUIP | ENG EQUIP | 2016 CITY | TOTAL |
| | | | BUDGET | FUND | FUND | FUND | FUNDING | ALLOCATED |
| | | | (Interest) | | | | | |
| TOTAL FUNDS REQUESTED | | | | | | | | |
| Pool Vehicle Replacement | | | | | | | | |
| UNIT # | YEAR | DESCRIPTION | | | | | | |
| 460 | 2000 | Mini Van | 50,000 | 50,000 | | | 50,000 | 50,000 |
| | | | 50,000 | 50,000 | - | - | 50,000 | 50,000 |
| Fire Vehicle Replacement | | | | | | | | |
| UNIT # | YEAR | DESCRIPTION | | | | | | |
| | 1999 | Engine 11 | 1,020,000 | | 30,000 | 990,000 | 1,020,000 | 1,020,000 |
| | | | 1,020,000 | - | 30,000 | 990,000 | 1,020,000 | 1,020,000 |
| Engineering Vehicle Replacement | | | | | | | | |
| UNIT # | YEAR | DESCRIPTION | | | | | | |
| NEW | | Trail & Bikeway Sweeper | 60,000 | 60,000 | | | 60,000 | 60,000 |
| NEW | | Ride-On Roller | 65,000 | 65,000 | | | 65,000 | 65,000 |
| | | | 125,000 | 125,000 | - | - | 125,000 | 125,000 |
| TOTAL | | | 1,195,000 | 175,000 | 30,000 | 990,000 | 1,195,000 | 1,195,000 |

**2016 PROJECT PLAN
BLOCK FUNDING, ON-GOING PROGRAMS, ONE-TIME STUDIES**

| 2016 BLOCK FUNDING, ON-GOING PROGRAMS, ONE-TIME STUDIES | | 2016 | 2016 | 2016 | 2016 | 2016 | 2016 | 2016 | TOTAL | 2016 | TOTAL | |
|---|------------------------------|------------------|------------------|----------------|-----------------|------------------|----------------|---------------|-------------------|-------------------|-----------|------------------|
| | | ANNUAL BUDGET | TSL FUND | GEN EQUIP FUND | FIRE EQUIP FUND | COMP EQUIP FUND | ENG EQUIP FUND | LL LEG FUND | 2016 CITY FUNDING | GRANTS & CONTRIB. | ALLOCATED | |
| | | (Interest) | | | | | | | | | | |
| | TOTAL FUNDS REQUESTED | | | | | | | | | | | |
| Block Funding | | | | | | | | | | | | |
| Block Funding City Used Buildings | 80,000 | 80,000 | | | | | | | 80,000 | | | 80,000 |
| Block Funding - Non-City Used Buildings | 80,000 | 80,000 | | | | | | | 80,000 | | | 80,000 |
| Block Funding - Gerry Brewer Building | 65,217 | 30,000 | | | | | | | 30,000 | 35,217 | | 65,217 |
| Block Funding - Information Technology | 75,000 | 75,000 | | | | | | | 75,000 | | | 75,000 |
| Parks Infrastructure - Block Funding | 75,000 | 75,000 | | | | | | | 75,000 | | | 75,000 |
| Block Funding - Transportation | 30,000 | 30,000 | | | | | | | 30,000 | | | 30,000 |
| Block Funding - Engineering Equipment | 50,000 | | | | | | 50,000 | | 50,000 | | | 50,000 |
| Block Funding - Waterfront Asset Infrastructure | 50,000 | 50,000 | | | | | | | 50,000 | | | 50,000 |
| Block Funding- Police Equipment | 50,000 | 23,000 | | | | | | | 23,000 | 27,000 | | 50,000 |
| Block Funding - Library Equipment | 25,000 | 25,000 | | | | | | | 25,000 | | | 25,000 |
| Block Funding - Museum & Archives | 20,000 | 10,000 | | | | | | | 10,000 | 10,000 | | 20,000 |
| Block Funding - NVRC | 70,000 | 70,000 | | | | | | | 70,000 | | | 70,000 |
| NVRC Emergency Capital Replacement Fund | 69,000 | 23,000 | | | | | | | 23,000 | 46,000 | | 69,000 |
| | 739,217 | 571,000 | - | - | - | - | 50,000 | - | 621,000 | 118,217 | | 739,217 |
| On-Going Programs | | | | | | | | | | | | |
| Lower Lonsdale Legacy Fund Grant Program | 85,977 | | | | | | | 85,977 | 85,977 | | | 85,977 |
| Studio in the City - Youth Employment in the Arts | 50,000 | 50,000 | | | | | | | 50,000 | | | 50,000 |
| | 135,977 | 50,000 | - | - | - | - | - | 85,977 | 135,977 | - | | 135,977 |
| One-Time Studies | | | | | | | | | | | | |
| Streamlining Development Controls | 60,000 | | 60,000 | | | | | | 60,000 | | | 60,000 |
| Land Use Plan Review | 150,000 | 123,511 | 26,489 | | | | | | 150,000 | | | 150,000 |
| Shipbuilders' Square and Public Realm Events | 75,000 | | 75,000 | | | | | | 75,000 | | | 75,000 |
| COR Certification Readiness Project | 42,800 | | 42,800 | | | | | | 42,800 | | | 42,800 |
| CNV4ME Implementation | 50,000 | | 50,000 | | | | | | 50,000 | | | 50,000 |
| Outreach Support - Built Environment | 30,000 | | 30,000 | | | | | | 30,000 | | | 30,000 |
| North Vancouver Economic Commission | 70,000 | | 70,000 | | | | | | 70,000 | | | 70,000 |
| Rogers Plaza / Jack Loucks Court Enhancement Study | 60,000 | | 60,000 | | | | | | 60,000 | | | 60,000 |
| Council Report and Resolution Digital Archive | 15,000 | | 15,000 | | | | | | 15,000 | | | 15,000 |
| | 552,800 | 123,511 | 429,289 | - | - | - | - | - | 552,800 | - | | 552,800 |
| TOTAL | 1,427,994 | 744,511 | 429,289 | - | - | - | 50,000 | 85,977 | 1,309,777 | 118,217 | | 1,427,994 |
| TOTAL EQUIPMENT | | | | | | | | | | | | |
| 2016 Equipment | 2,784,100 | 398,704 | 559,807 | 75,114 | - | 1,500,000 | - | - | 2,533,625 | 250,475 | | 2,784,100 |
| 2016 Vehicles | 1,195,000 | 175,000 | 30,000 | - | 990,000 | - | - | - | 1,195,000 | - | | 1,195,000 |
| 2016 Block Funding, On-Going Programs, One-Time Studies | 1,427,994 | 744,511 | 429,289 | - | - | - | 50,000 | 85,977 | 1,309,777 | 118,217 | | 1,427,994 |
| | 5,407,094 | 1,318,215 | 1,019,096 | 75,114 | 990,000 | 1,500,000 | 50,000 | 85,977 | 5,038,402 | 368,692 | | 5,407,094 |

Basic assumptions underlying the Plan include:

1. When provided, costs are based upon the best currently available information, and this means that some of the costs are more accurate than others. Factors affecting accuracy include the level of detailed planning which has been completed for the individual projects and plans, and the timing of the projects. In general, 2016 costs are more accurate than costs for future years.
2. There is an important exception. An estimated cost for Harry Jerome Redevelopment and Renewal will not be known until the scope of the project has been determined. The amount included in the Plan is a "placeholder" indicating the amount of funding the City may be able to provide toward the projects, assuming priorities are not changed.

Forecast Assumptions

3. The Plan reflects the current forecast for the budget year, and provides an allocation basis for subsequent year-to-year funding. Only the current year budgets will be used to appropriate funds; the subsequent years' budgets will be revised in the following years' Plans.
4. The Plan reflects the City's longstanding practice of using internal reserves as the basis for financing. The Plan is therefore sensitive to interest rate and reserve contribution fluctuations (including contributions from land sales), and also reflects the necessity to postpone projects until reserve funds are sufficient to support them.
5. The City currently has no debt, and there is no borrowing forecast in the Plan.

Contribution Assumptions

6. Contributions include amounts anticipated through fundraising and other private contributions, including those provided by developers, as well as contributions from senior levels of government, where these may be available.
7. Anticipated contributions from outside sources are shown as a source of funds for projects in the Plan, where it is reasonable to anticipate receipt of the funds. However, it should be noted that, for projects funded by contributions, the project scope as envisioned cannot be guaranteed if the contributions are not forthcoming.

Structure of the Plan

The materials included provide summary information, followed by complete detailed listings of all projects included in the Plan.

Projects are grouped into ten categories as follows:

1. Land and Major Investments;
2. Buildings;
3. Structures – Streets and Transportation;
4. Structures – Parks and Environment;
5. Structures – Public Art;
6. Equipment – General;
7. Equipment – Information Technology;
8. Equipment – Engineering;
9. Equipment – Fire; and
10. Block Funding, On-Going Programs and One-Time Studies.

It should also be noted that, the 10 sections are further summarized into four additional categories. The Plan information is summarized into those four categories on page 4 of the Plan:

1. Land/Major Investments - Section 1
2. Buildings - Section 2
3. Structures - Sections 3 to 5
4. Equipment - Sections 6 to 10

Project Types

Projects have been grouped into six project types, which are identified in the top right-hand corner of each project sheet:

1. Maintenance & Replacement;
2. Ongoing Program;
3. Provision;
4. Major Renovation;
5. New Capital Asset; and
6. One-Time Studies/Projects

It is the City's long-standing policy to place the maintenance of existing infrastructure as a first priority, and to only take on new facilities and programs when both an operating and capital source of funds sufficient to ensure successful completion and maintenance of facilities and ongoing program delivery can be identified. Based on this premise, and given the fact that there is generally little discretion about funding basic maintenance projects, the projects identified as "Maintenance & Replacement" are considered as being part of the Base Program. Also included in the Base Program are ongoing programs such as the annual allocation of \$85,000 to public art.

Provisions are included in the plan to provide Council with some flexibility to fund projects from various designated sources of funding are also included in the Base Program. Such provisions can only be appropriated after a project has been identified and approved by Council. These projects are mainly colour coded in Green at the top right-hand corner of the project sheets, as well as in the left-hand column of the detailed project listings following each tab. Because the priorities for maintenance are based primarily on condition and requirements of the infrastructure, these projects have been so coded by the respective Project Manager and funding for those projects has been identified.

Projects in the Major Renovation, New Capital Assets, and One-Time Studies categories would provide new facilities and/or new levels of service to the community. These projects have been colour coded in Blue or in Red in the left-hand column of the detailed project listings as well as in the top right-hand corner of the project sheets. Blue projects are those that have a dedicated source of funding in conformity with the terms of reference of the reserve bylaws. Red projects are projects that do not have a dedicated source of funding and for which a source of funding remains to be identified. Please note some maintenance and replacement projects have been colour coded Blue if they have a dedicated source of funds, for example, the Justice Administration Building Reserve. Council will be asked to rank Amenity and non-infrastructure projects.

A summary of the total value, including external funding, of base program projects vs. non-base program projects is as follows:

10 Year Summary (Excluding Utilities)

| Section | Base Program | Dedicated Funds | New Initiatives | Total |
|---|----------------------|----------------------|----------------------|-----------------------|
| 1 - Land & Major Investments | \$ - | \$ 39,300,000 | \$ - | \$ 39,300,000 |
| 2 - Buildings | 6,992,548 | 42,053,943 | 1,170,000 | 50,216,491 |
| 3 - Streets & Transportation | 36,955,000 | 6,777,000 | 22,715,000 | 66,447,000 |
| 4 - Parks & Environment | 3,657,500 | 9,040,000 | 6,170,000 | 18,867,500 |
| 5 - Public Art | - | 1,306,162 | - | 1,306,162 |
| 6 - General Equipment | 3,002,310 | - | - | 3,002,310 |
| 7 - IT Equipment | 11,671,912 | - | 555,000 | 12,226,912 |
| 8 - Engineering Equipment | 4,447,000 | - | 365,000 | 4,812,000 |
| 9 - Fire Equipment | 4,990,000 | - | - | 4,990,000 |
| 10 - Block Funding, Ongoing Programs, One-Time Studies/Projects | 7,998,170 | 585,977 | 897,800 | 9,481,947 |
| TOTAL | \$ 79,714,440 | \$ 99,063,082 | \$ 31,872,800 | \$ 210,650,322 |

2016 - 2025 PROJECT PLAN SUMMARY

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | TOTAL |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| LAND/MAJOR INVESTMENTS | | | | | | | |
| Funding Requested | 39,300,000 | - | - | - | - | \$0 | \$39,300,000 |
| City Funding | 24,300,000 | - | - | - | - | - | 24,300,000 |
| Contributions | 15,000,000 | - | - | - | - | - | 15,000,000 |
| Funded Amount | 39,300,000 | 0 | 0 | 0 | 0 | 0 | 39,300,000 |
| Funding Excess (Shortfall) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| BUILDINGS | | | | | | | |
| Funding Requested | \$ 26,384,234 | \$ 9,219,106 | \$ 2,867,651 | \$ 2,300,936 | \$ 1,545,021 | \$7,899,543 | \$50,216,491 |
| City Funding | 23,687,782 | 7,140,135 | 2,679,866 | 2,040,926 | 1,533,465 | 9,445,346 | 46,527,520 |
| Contributions | 2,696,452 | 346,538 | 187,785 | 260,010 | 11,556 | 186,629 | 3,688,971 |
| Funded Amount | 26,384,234 | 7,486,673 | 2,867,651 | 2,300,936 | 1,545,021 | 9,631,976 | 50,216,491 |
| Funding Excess (Shortfall) | \$0 | (\$1,732,433) | \$0 | \$0 | \$0 | \$1,732,433 | \$0 |
| STRUCTURES | | | | | | | |
| Funding Requested | \$ 8,723,750 | \$ 11,851,750 | \$ 15,371,750 | \$ 6,881,750 | \$ 7,096,750 | \$36,694,912 | \$86,620,662 |
| City Funding | 7,956,750 | 7,558,367 | 5,124,120 | 5,371,736 | 6,191,220 | 38,947,126 | 71,149,319 |
| Contributions | 767,000 | 1,875,000 | 6,511,667 | 820,000 | 1,005,000 | 3,658,333 | 14,637,000 |
| Funded Amount | 8,723,750 | 9,433,367 | 11,635,787 | 6,191,736 | 7,196,220 | 42,605,459 | 85,786,319 |
| Funding Excess (Shortfall) | \$0 | (\$2,418,383) | (\$3,735,963) | (\$690,014) | \$99,470 | \$5,910,547 | (\$834,343) |
| EQUIPMENT | | | | | | | |
| Funding Requested | \$ 5,407,094 | \$ 4,598,831 | \$ 3,148,563 | \$ 4,109,367 | \$ 3,425,467 | \$ 13,823,847 | \$ 34,513,169 |
| City Funding | 5,038,402 | 3,873,610 | 2,884,098 | 3,849,450 | 3,504,652 | 12,561,631 | 31,711,843 |
| Contributions | 368,692 | 389,219 | 264,465 | 259,917 | 256,817 | 1,262,216 | 2,801,326 |
| Funded Amount | 5,407,094 | 4,262,829 | 3,148,563 | 4,109,367 | 3,761,469 | 13,823,847 | 34,513,169 |
| Funding Excess (Shortfall) | \$0 | (\$336,002) | \$0 | \$0 | \$336,002 | \$0 | \$0 |
| GENERAL CAPITAL TOTALS | | | | | | | |
| FUNDING REQUESTED | \$ 79,815,078 | \$25,669,687 | \$21,387,964 | \$13,292,053 | \$12,067,238 | \$58,418,302 | \$210,650,322 |
| CITY FUNDING | 60,982,934 | 18,572,112 | 10,688,084 | 11,262,112 | 11,229,337 | 60,954,103 | 173,688,682 |
| CONTRIBUTIONS | 18,832,144 | 2,610,757 | 6,963,917 | 1,339,927 | 1,273,373 | 5,107,178 | 36,127,297 |
| FUNDING EXCESS (SHORTFALL) | \$0 | (\$4,486,818) | (\$3,735,963) | (\$690,014) | \$435,472 | \$7,642,980 | (\$834,343) |
| WATER UTILITY | | | | | | | |
| Funding Requested | \$ 1,962,500 | \$ 2,042,500 | \$ 1,842,500 | \$ 1,972,500 | \$ 2,042,500 | \$ 11,712,500 | \$ 21,575,000 |
| City Funding | 1,962,500 | 2,042,500 | 1,842,500 | 1,972,500 | 2,042,500 | 11,712,500 | 21,575,000 |
| Contributions | - | - | - | - | - | - | - |
| Funded Amount | 1,962,500 | 2,042,500 | 1,842,500 | 1,972,500 | 2,042,500 | 11,712,500 | 21,575,000 |
| Unfunded | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Funding Excess (Shortfall) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| SEWER UTILITY | | | | | | | |
| Funding Requested | \$ 326,000 | \$ 556,000 | \$ 556,000 | \$ 556,000 | \$ 556,000 | \$ 2,980,000 | \$ 5,530,000 |
| City Funding | 326,000 | 556,000 | 556,000 | 556,000 | 556,000 | 2,980,000 | 5,530,000 |
| Contributions | - | - | - | - | - | - | - |
| Funded Amount | 326,000 | 556,000 | 556,000 | 556,000 | 556,000 | 2,980,000 | 5,530,000 |
| Unfunded | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Funding Excess (Shortfall) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| DRAINAGE UTILITY | | | | | | | |
| Funding Requested | \$ 535,000 | \$ 515,000 | \$ 465,000 | \$ 465,000 | \$ 485,000 | \$ 2,200,000 | \$ 4,665,000 |
| City Funding | 535,000 | 515,000 | 465,000 | 465,000 | 485,000 | 2,200,000 | 4,665,000 |
| Contributions | - | - | - | - | - | - | - |
| Funded Amount | 535,000 | 515,000 | 465,000 | 465,000 | 485,000 | 2,200,000 | 4,665,000 |
| Unfunded | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Funding Excess (Shortfall) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| UTILITY CAPITAL TOTALS | | | | | | | |
| FUNDING REQUESTED | \$ 2,823,500 | \$ 3,113,500 | \$ 2,863,500 | \$ 2,993,500 | \$ 3,083,500 | \$ 16,892,500 | \$ 31,770,000 |
| CITY FUNDING | 2,823,500 | 3,113,500 | 2,863,500 | 2,993,500 | 3,083,500 | 16,892,500 | 31,770,000 |
| CONTRIBUTIONS | - | - | - | - | - | - | - |
| FUNDING EXCESS (SHORTFALL) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| TOTALS | | | | | | | |
| FUNDING REQUESTED | \$ 82,638,578 | \$ 28,783,187 | \$ 24,251,464 | \$ 16,285,553 | \$ 15,150,738 | \$75,310,802 | \$242,420,322 |
| CITY FUNDING | 63,806,434 | 21,685,612 | 13,551,584 | 14,255,612 | 14,312,837 | 77,846,603 | 205,458,682 |
| CONTRIBUTIONS | 18,832,144 | 2,610,757 | 6,963,917 | 1,339,927 | 1,273,373 | 5,107,178 | 36,127,297 |
| FUNDING EXCESS (SHORTFALL) | \$0 | (\$4,486,818) | (\$3,735,963) | (\$690,014) | \$435,472 | \$7,642,980 | (\$834,343) |

2016 - 2025 PROJECT PLAN
PROJECTS FUNDED MATCHED TO FUNDING SOURCES
(Excluding Utilities)

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | TOTAL |
|---|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| LAND & MAJOR INVESTMENTS - TAB 1 | | | | | | | |
| Various Land Acquisitions | 3,500,000 | - | - | - | - | - | 3,500,000 |
| Parks Acquisition | 18,000,000 | - | - | - | - | - | 18,000,000 |
| Major Investments | 17,800,000 | 0 | 0 | 0 | 0 | 0 | 17,800,000 |
| Funding Requested | \$ 39,300,000 | \$ - | \$ - | \$ - | \$ - | \$ 0 | \$39,300,000 |
| City Funding Provided | | | | | | | |
| TSL Principal | 3,500,000 | - | - | - | - | - | 3,500,000 |
| Parks DCC Reserve | 18,000,000 | - | - | - | - | - | 18,000,000 |
| Affordable Housing Reserve | 2,800,000 | - | - | - | - | - | 2,800,000 |
| City Funding Provided | 24,300,000 | - | - | - | - | - | 24,300,000 |
| Contributions | 15,000,000 | - | - | - | - | - | 15,000,000 |
| Total Funding Provided | 39,300,000 | - | - | - | - | - | 39,300,000 |
| Excess Funding (Shortfall) | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| BUILDINGS - TAB 2 | | | | | | | |
| Capital Maintenance | | | | | | | |
| Funding Requested | \$ 1,715,681 | \$ 1,794,106 | \$ 1,606,651 | \$ 1,100,936 | \$ 345,021 | \$ 1,899,543 | \$8,461,938 |
| City Funding Provided | | | | | | | |
| Annual Budget | 406,386 | 249,474 | 443,054 | 52,717 | - | 1,398,015 | 2,549,646 |
| TSL Interest | - | 755,661 | 975,812 | 788,209 | 333,465 | 977,332 | 3,830,479 |
| Building Reserve | 915,714 | - | - | - | - | - | 915,714 |
| Justice Administration Building Reserve | 127,129 | - | - | - | - | - | 127,129 |
| Civic Amenity Fund | - | - | - | - | - | - | - |
| General Reserve | 70,000 | - | - | - | - | - | 70,000 |
| City Funding Provided | 1,519,229 | 1,005,135 | 1,418,866 | 840,926 | 333,465 | 2,375,346 | 7,492,967 |
| Contributions | 196,452 | 126,538 | 187,785 | 260,010 | 11,556 | 186,629 | 968,971 |
| Total Funding Provided | 1,715,681 | 1,131,673 | 1,606,651 | 1,100,936 | 345,021 | 2,561,976 | 8,461,938 |
| Excess Funding (Shortfall) | \$ 0 | (\$662,433) | \$ 0 | \$ 0 | \$ 0 | \$662,433 | \$ 0 |
| Major Renovation Requirements | | | | | | | |
| Funding Requested | \$ 11,725,000 | \$ 2,270,000 | \$ 1,200,000 | \$ 1,200,000 | \$ 1,200,000 | \$ 6,000,000 | \$23,595,000 |
| City Funding Provided | | | | | | | |
| Annual Budget | - | - | - | - | - | 1,070,000 | 1,070,000 |
| TSL Interest | 375,000 | - | - | - | - | - | 375,000 |
| Civic Amenity Fund | 11,350,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 6,000,000 | 22,150,000 |
| LL Amenity | - | - | - | - | - | - | - |
| Building Reserve | - | - | - | - | - | - | - |
| City Funding Provided | 11,725,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 7,070,000 | 23,595,000 |
| Contributions | - | - | - | - | - | - | - |
| Total Funding Provided | 11,725,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 7,070,000 | 23,595,000 |
| Excess Funding (Shortfall) | \$ 0 | (\$1,070,000) | \$ 0 | \$ 0 | \$ 0 | \$1,070,000 | \$ 0 |
| Proposed New Projects | | | | | | | |
| Funding Requested | 12,943,553 | 5,155,000 | 61,000 | - | - | \$ 0 | \$18,159,553 |
| City Funding Provided | | | | | | | |
| Annual Budget | - | - | - | - | - | - | - |
| Tax Sale Land Principal | 2,925,000 | - | - | - | - | - | 2,925,000 |
| TSL Interest | 40,677 | - | - | - | - | - | 40,677 |
| Civic Amenity Fund | 4,948,641 | 4,935,000 | 61,000 | - | - | - | 9,944,641 |
| LL Amenity Fund | 2,280,359 | - | - | - | - | - | 2,280,359 |
| Child Care Capital Improvement | 9,323 | - | - | - | - | - | 9,323 |
| Heritage Reserve Fund | 89,553 | - | - | - | - | - | 89,553 |
| General Reserve | 150,000 | - | - | - | - | - | 150,000 |
| City Funding Provided | 10,443,553 | 4,935,000 | 61,000 | - | - | - | 15,439,553 |
| Contributions | 2,500,000 | 220,000 | - | - | - | - | 2,720,000 |
| Total Funding Provided | 12,943,553 | 5,155,000 | 61,000 | - | - | - | 18,159,553 |
| Excess Funding (Shortfall) | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |
| TOTAL Buildings | | | | | | | |
| Requirements | \$ 26,384,234 | \$ 9,219,106 | \$ 2,867,651 | \$ 2,300,936 | \$ 1,545,021 | \$ 7,899,543 | \$ 50,216,491 |
| City Funding Provided | 23,687,782 | 7,140,135 | 2,679,866 | 2,040,926 | 1,533,465 | 9,445,346 | 46,527,520 |
| Contributions | 2,696,452 | 346,538 | 187,785 | 260,010 | 11,556 | 186,629 | 3,688,971 |
| Excess Funding (Shortfall) | \$ 0 | (\$1,732,433) | \$ 0 | \$ 0 | \$ 0 | \$1,732,433 | \$ 0 |

**2016 - 2025 PROJECT PLAN
PROJECTS FUNDED MATCHED TO FUNDING SOURCES
(Excluding Utilities)**

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | TOTAL |
|------------------------------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|
| STRUCTURES | | | | | | | |
| STREETS MASTER PLAN - TAB 3 | | | | | | | |
| Funding Requested | \$ 4,627,000 | \$ 6,020,000 | \$ 12,260,000 | \$ 4,770,000 | \$ 5,735,000 | \$ 33,035,000 | \$ 66,447,000 |
| City Funding Provided | | | | | | | |
| Annual Budget | 2,291,453 | 2,541,470 | 3,292,283 | 3,594,899 | 5,164,383 | 27,629,115 | 44,513,603 |
| TSL Interest | - | - | - | - | - | 5,457,664 | 5,457,664 |
| TSL Principal | - | - | - | - | - | - | - |
| Infrastructure Fund | 1,093,552 | 187,587 | 187,587 | 187,587 | 187,587 | 937,935 | 2,781,835 |
| LAS Fund | 355,000 | - | - | - | - | - | 355,000 |
| Parking Fund | - | 100,000 | - | - | - | 450,000 | 550,000 |
| Sustainable Transportation | 145,895 | 87,500 | 87,500 | 87,500 | 87,500 | 437,500 | 933,395 |
| Streets DCCs | 287,100 | - | - | - | - | - | 287,100 |
| Carbon Fund | 97,000 | 90,060 | 90,000 | 90,000 | 90,000 | 375,000 | 832,060 |
| City Funding Provided | 4,270,000 | 3,006,617 | 3,657,370 | 3,959,986 | 5,529,470 | 35,287,214 | 55,710,657 |
| Contributions | 357,000 | 595,000 | 4,866,667 | 120,000 | 305,000 | 3,658,333 | 9,902,000 |
| Total Funding Provided | 4,627,000 | 3,601,617 | 8,524,037 | 4,079,986 | 5,834,470 | 38,945,547 | 65,612,657 |
| Unfunded | - | - | - | - | - | - | - |
| Excess Funding (Shortfall) | \$0 | (\$2,418,383) | (\$3,735,963) | (\$690,014) | \$99,470 | \$5,910,547 | (\$834,343) |
| PARKS MASTER PLAN- TAB 4 | | | | | | | |
| Funding Requested | \$ 4,011,750 | \$ 5,746,750 | \$ 3,026,750 | \$ 2,026,750 | \$ 1,276,750 | \$ 2,778,750 | \$ 18,867,500 |
| City Funding Provided | | | | | | | |
| Annual Budget | 571,750 | 746,750 | 676,750 | 976,750 | 226,750 | 2,703,750 | 5,902,500 |
| TSL Interest | - | - | - | - | - | - | - |
| Civic Amenity Fund | 1,429,150 | 3,239,850 | 356,025 | 176,750 | 176,750 | - | 5,378,525 |
| Marine Drive Amenity Reserve | - | - | - | - | - | - | - |
| Infrastructure Fund | - | - | - | - | - | - | - |
| Parks DCC Fund | 1,400,850 | 480,150 | 348,975 | 173,250 | 173,250 | - | 2,576,475 |
| Cemetery Development Fund | - | - | - | - | - | - | - |
| Parking Reserve | - | - | - | - | - | - | - |
| Carbon Fund | 200,000 | - | - | - | - | 75,000 | 275,000 |
| City Funding Provided | 3,601,750 | 4,466,750 | 1,381,750 | 1,326,750 | 576,750 | 2,778,750 | 14,132,500 |
| Contributions | 410,000 | 1,280,000 | 1,645,000 | 700,000 | 700,000 | - | 4,735,000 |
| Total Funding Provided | 4,011,750 | 5,746,750 | 3,026,750 | 2,026,750 | 1,276,750 | 2,778,750 | 18,867,500 |
| Unfunded | - | - | - | - | - | - | - |
| Excess Funding (Shortfall) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| PUBLIC ART PROGRAM - TAB 5 | | | | | | | |
| Funding Requested | \$ 85,000 | \$ 85,000 | \$ 85,000 | \$ 85,000 | \$ 85,000 | \$ 881,162 | \$ 1,306,162 |
| City Funding Provided | | | | | | | |
| Public Art Fund | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 881,162 | 1,306,162 |
| Annual Budget | - | - | - | - | - | - | - |
| City Funding Provided | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 881,162 | 1,306,162 |
| Contributions | - | - | - | - | - | - | - |
| Total Funding Provided | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 881,162 | 1,306,162 |
| Unfunded | - | - | - | - | - | - | - |
| Excess Funding (Shortfall) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| TOTAL Structures | | | | | | | |
| Funding Required | \$ 8,723,750 | \$11,851,750 | \$15,371,750 | \$6,881,750 | \$7,096,750 | \$36,694,912 | \$ 86,620,662 |
| Funding provided | 7,956,750 | 7,558,367 | 5,124,120 | 5,371,736 | 6,191,220 | 38,947,126 | 71,149,319 |
| Contributions | 767,000 | 1,875,000 | 6,511,667 | 820,000 | 1,005,000 | 3,658,333 | 14,637,000 |
| Excess Funding (Shortfall) | \$0 | (\$2,418,383) | (\$3,735,963) | (\$690,014) | \$99,470 | \$5,910,547 | (\$834,343) |

**2016 - 2025 PROJECT PLAN
PROJECTS FUNDED MATCHED TO FUNDING SOURCES
(Excluding Utilities)**

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | TOTAL |
|--|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| EQUIPMENT | | | | | | | |
| GENERAL EQUIPMENT - TAB 6 | | | | | | | |
| Funding Requested | \$ 316,650 | \$ 298,810 | \$ 179,550 | \$ 349,550 | \$ 229,550 | \$ 1,628,200 | \$ 3,002,310 |
| City Funding Provided | | | | | | | |
| Annual Budget | 225,336 | 217,610 | 158,350 | 288,350 | 175,950 | 1,323,900 | 2,389,496 |
| TSL Interest | - | - | - | - | - | - | - |
| General Equipment Fund | 75,114 | 5,000 | 5,000 | 5,000 | 5,000 | 25,000 | 120,114 |
| City Funding Provided | 300,450 | 222,610 | 163,350 | 293,350 | 180,950 | 1,348,900 | 2,509,610 |
| Contributions | 16,200 | 76,200 | 16,200 | 56,200 | 48,600 | 279,300 | 492,700 |
| Total Funding Provided | 316,650 | 298,810 | 179,550 | 349,550 | 229,550 | 1,628,200 | 3,002,310 |
| Excess Funding (Shortfall) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| INFORMATION TECHNOLOGY - TAB 7 | | | | | | | |
| Funding Requested | \$ 2,462,450 | \$ 2,030,804 | \$ 778,796 | \$ 1,604,600 | \$ 1,610,700 | \$ 3,739,562 | \$ 12,226,912 |
| City Funding Provided | | | | | | | |
| Computer Equipment Fund | 1,500,000 | - | - | - | - | - | 1,500,000 |
| Annual Budget | 223,368 | 1,500,000 | 519,063 | 696,784 | 467,417 | 643,302 | 4,049,934 |
| TSL Interest | 504,807 | - | 133,685 | 826,316 | 1,393,285 | 2,736,429 | 5,594,522 |
| City Funding Provided | 2,228,175 | 1,500,000 | 652,748 | 1,523,100 | 1,860,702 | 3,379,731 | 11,144,456 |
| Contributions | 234,275 | 194,802 | 126,048 | 81,500 | 86,000 | 359,831 | 1,082,456 |
| Total Funding Provided | 2,462,450 | 1,694,802 | 778,796 | 1,604,600 | 1,946,702 | 3,739,562 | 12,226,912 |
| Excess Funding (Shortfall) | \$0 | (\$336,002) | \$0 | \$0 | \$336,002 | \$0 | \$0 |
| ENGINEERING EQUIPMENT - TAB 8 | | | | | | | |
| Funding Requested | 125,000 | 845,000 | 1,080,000 | 1,095,000 | 145,000 | 1,522,000 | 4,812,000 |
| City Funding Provided | | | | | | | |
| Engineering Equipment Fund | - | 650,000 | 1,035,000 | 1,095,000 | 145,000 | 1,522,000 | 4,447,000 |
| Annual Budget | 125,000 | 195,000 | 45,000 | - | - | - | 365,000 |
| City Funding Provided | 125,000 | 845,000 | 1,080,000 | 1,095,000 | 145,000 | 1,522,000 | 4,812,000 |
| Contributions | - | - | - | - | - | - | - |
| Total Funding Provided | 125,000 | 845,000 | 1,080,000 | 1,095,000 | 145,000 | 1,522,000 | 4,812,000 |
| Excess Funding (Shortfall) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| FIRE EQUIPMENT - TAB 9 | | | | | | | |
| Funding Requested | \$ 1,075,000 | \$ 360,000 | \$ 170,000 | \$ 195,000 | \$ 600,000 | \$ 2,590,000 | \$ 4,990,000 |
| City Funding Provided | | | | | | | |
| Annual Budget | - | - | - | - | - | 1,348,418 | 1,348,418 |
| TSL Interest | 85,000 | - | - | - | - | - | 85,000 |
| Fire Equipment Fund | 990,000 | 360,000 | 170,000 | 195,000 | 600,000 | 1,241,582 | 3,556,582 |
| City Funding Provided | 1,075,000 | 360,000 | 170,000 | 195,000 | 600,000 | 2,590,000 | 4,990,000 |
| Contributions | - | - | - | - | - | - | - |
| Total Funding Provided | 1,075,000 | 360,000 | 170,000 | 195,000 | 600,000 | 2,590,000 | 4,990,000 |
| Excess Funding (Shortfall) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| BLOCK FUNDING, ON-GOING PROGRAMS & ONE-TIME STUDIES/PROJECTS - TAB 10 | | | | | | | |
| Funding Requested | \$ 1,427,994 | \$ 1,064,217 | \$ 940,217 | \$ 865,217 | \$ 840,217 | \$ 4,344,085 | \$ 9,481,947 |
| City Funding Provided | | | | | | | |
| Annual Budget | 744,511 | 896,000 | 768,000 | 693,000 | 668,000 | 3,396,000 | 7,165,511 |
| Tax Sale Land Interest | 429,289 | - | - | - | - | - | 429,289 |
| Computer Equipment Fund | - | - | - | - | - | - | - |
| Engineering Equipment Fund | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 | 500,000 |
| General Equipment Fund | - | - | - | - | - | - | - |
| Fire Equipment Fund | - | - | - | - | - | - | - |
| Carbon Fund | - | - | - | - | - | 75,000 | 75,000 |
| Legacy Reserve Fund | 85,977 | - | - | - | - | - | 85,977 |
| City Funding Provided | 1,309,777 | 946,000 | 818,000 | 743,000 | 718,000 | 3,721,000 | 8,255,777 |
| Contributions | 118,217 | 118,217 | 122,217 | 122,217 | 122,217 | 623,085 | 1,226,170 |
| Total Funding Provided | 1,427,994 | 1,064,217 | 940,217 | 865,217 | 840,217 | 4,344,085 | 9,481,947 |
| Excess Funding (Shortfall) | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| TOTAL Equipment | | | | | | | |
| Requested | \$ 5,407,094 | \$ 4,598,831 | \$ 3,148,563 | \$ 4,109,367 | \$ 3,425,467 | \$13,823,847 | \$34,513,169 |
| City Funding provided | 5,038,402 | 3,873,610 | 2,884,098 | 3,849,450 | 3,504,652 | 12,561,631 | 31,711,843 |
| Contributions | 368,692 | 389,219 | 264,465 | 259,917 | 256,817 | 1,262,216 | 2,801,326 |
| Excess Funding (Shortfall) | \$0 | (\$336,002) | \$0 | (\$0) | \$336,002 | \$0 | \$0 |
| TOTAL Requirements | | | | | | | |
| Land | 39,300,000 | - | - | - | - | - | 39,300,000 |
| Buildings | 26,384,234 | 9,219,106 | 2,867,651 | 2,300,936 | 1,545,021 | 7,899,543 | 50,216,491 |
| Structures | 8,723,750 | 11,851,750 | 15,371,750 | 6,881,750 | 7,096,750 | 36,694,912 | 86,620,662 |
| Equipment | 5,407,094 | 4,598,831 | 3,148,563 | 4,109,367 | 3,425,467 | 13,823,847 | 34,513,169 |
| | \$ 79,815,078 | \$ 25,669,687 | \$ 21,387,964 | \$ 13,292,053 | \$ 12,067,238 | \$ 58,418,302 | \$ 210,650,322 |

**2016-2025 PROJECT PLAN
LAND AND MAJOR INVESTMENTS**

| Page | Rank | Funding Source | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--|------|----------------|--|----------------------|-------------|-------------|-------------|-------------|-------------|----------------------|
| Various Land Acquisitions | | | | | | | | | | |
| 1 - 2 | A | TSL Princ | Strategic Land Acquisition | 3,500,000 | - | - | - | - | - | 3,500,000 |
| | | | | \$ 3,500,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 3,500,000 |
| Parks Acquisition - DCC Bylaw Commitment | | | | | | | | | | |
| 1 - 3 | A | Park DCC | Provision for Park Acquisition | 18,000,000 | - | - | - | - | - | 18,000,000 |
| | | | | \$ 18,000,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 18,000,000 |
| Major Investments | | | | | | | | | | |
| 1 - 4 | A | Aff Hsing | Affordable Housing - Potential Project | 2,800,000 | - | - | - | - | - | 2,800,000 |
| N/A | A | External | Provision for External Funding and Contributions | 15,000,000 | - | - | - | - | - | 15,000,000 |
| | | | | \$ 17,800,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 17,800,000 |
| TOTAL FUNDING REQUESTED IN PROJECT SHEETS | | | | \$ 39,300,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 39,300,000 |
| TOTAL CONTRIBUTIONS | | | | \$ 15,000,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 15,000,000 |
| NET FUNDING REQUESTED | | | | \$ 24,300,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 24,300,000 |
| Dedicated Funds | | | | | | | | | | |
| Base Program | | | | | | | | | | |
| External Funding | | | | | | | | | | |

**2016-2025 PROJECT PLAN
BUILDINGS**

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| Summary of Building Projects | | | | | | | |
| FUNDING REQUESTED IN PROJECT SHEETS | | | | | | | |
| Capital Maintenance | 1,715,681 | 1,794,106 | 1,606,651 | 1,100,936 | 345,021 | 1,899,543 | 8,461,938 |
| Major Renovation | 11,725,000 | 2,270,000 | 1,200,000 | 1,200,000 | 1,200,000 | 6,000,000 | 23,595,000 |
| Proposed New Projects | 12,943,553 | 5,155,000 | 61,000 | - | - | - | 18,159,553 |
| TOTAL FUNDING REQUESTED | \$ 26,384,234 | \$ 9,219,106 | \$ 2,867,651 | \$ 2,300,936 | \$ 1,545,021 | \$ 7,899,543 | \$ 50,216,491 |
| CONTRIBUTIONS | | | | | | | |
| Capital Maintenance | 196,452 | 126,538 | 187,785 | 260,010 | 11,556 | 186,629 | 968,971 |
| Major Renovation | - | - | - | - | - | - | - |
| Proposed New Projects | 2,500,000 | 220,000 | - | - | - | - | 2,720,000 |
| TOTAL CONTRIBUTIONS | \$ 2,696,452 | \$ 346,538 | \$ 187,785 | \$ 260,010 | \$ 11,556 | \$ 186,629 | \$ 3,688,971 |
| NET FUNDING REQUESTED | | | | | | | |
| Capital Maintenance | 1,519,229 | 1,667,568 | 1,418,866 | 840,926 | 333,465 | 1,712,913 | 7,492,967 |
| Major Renovation | 11,725,000 | 2,270,000 | 1,200,000 | 1,200,000 | 1,200,000 | 6,000,000 | 23,595,000 |
| Proposed New Projects | 10,443,553 | 4,935,000 | 61,000 | - | - | - | 15,439,553 |
| TOTAL CITY FUNDING REQUESTED | \$ 23,687,782 | \$ 8,872,568 | \$ 2,679,866 | \$ 2,040,926 | \$ 1,533,465 | \$ 7,712,913 | \$ 46,527,520 |
| Dedicated Funds | | | | | | | |
| Base Program | | | | | | | |
| New Initiatives | | | | | | | |
| External Funding | | | | | | | |

**2016-2025 PROJECT PLAN
BUILDINGS**

| | | | | <u>2016</u> | <u>2017</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021-2025</u> | <u>Total</u> |
|--|-------------|---------------------------|--|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| Page | Rank | Funding Source | Capital Maintenance | | | | | | | |
| 2 - 4 | A | Bldg Reserve | Maintenance & Replacement Funding Request for Civic Centre | 280,682 | 518,222 | 332,042 | 251,792 | 107,342 | 456,120 | 1,946,202 |
| 2 - 6 | A | Justice Admin | Maintenance & Replacement Funding Request for Gerry Brewer | 167,348 | 107,792 | 159,965 | 221,490 | 9,844 | 158,981 | 825,419 |
| 2 - 6 | | External | Maintenance & Replacement Funding Request for Gerry Brewer Building - Required Outside Funding | 196,452 | 126,538 | 187,785 | 260,010 | 11,556 | 186,629 | 968,971 |
| 2 - 8 | A | Bldg Reserve | Maintenance & Replacement Funding Request for Fire Hall | 420,362 | 342,252 | 301,592 | 232,042 | 7,342 | 176,882 | 1,480,473 |
| 2 - 10 | A | Bldg Reserve | Maintenance & Replacement Funding Request for City Owned/Non City Used Buildings | 108,605 | 280,340 | 226,840 | 9,630 | 12,840 | 19,260 | 657,515 |
| 2 - 13 | A | Bldg Reserve | Maintenance & Replacement Funding Request for Parks Buildings | 37,450 | 27,285 | 32,635 | 7,490 | 15,515 | 60,990 | 181,365 |
| 2 - 16 | A | Bldg Reserve / Ann Budget | Maintenance & Replacement Funding Request for Operations Centre | 56,175 | 96,835 | 86,135 | 2,675 | 8,025 | 90,950 | 340,795 |
| 2 - 18 | A | Ann. Budget | Maintenance & Replacement Funding Request for Civic Library | 68,606 | 79,841 | 84,656 | 25,806 | 52,556 | 139,731 | 451,198 |
| 2 - 20 | A | Ann. Budget | The Shipyards - Lot 3 Building Provisioning | 70,000 | - | - | - | - | - | 70,000 |
| North Vancouver Recreation & Culture Commission | | | | | | | | | | |
| 2 - 21 | A | Ann. Budget | Harry Jerome Community Recreation Centre | 40,000 | 40,000 | 40,000 | - | - | 100,000 | 220,000 |
| 2 - 22 | A | Ann. Budget | Memorial Community Recreation Centre | 10,000 | 10,000 | 10,000 | - | - | - | 30,000 |
| 2 - 23 | A | Ann. Budget | Mickey McDougall Community Recreation Centre | 10,000 | 10,000 | 10,000 | - | - | - | 30,000 |
| 2 - 24 | A | Ann. Budget | Centennial Theatre | 85,000 | 85,000 | 85,000 | 70,000 | 100,000 | 380,000 | 805,000 |
| 2 - 26 | A | Ann. Budget | John Braithwaite Community Recreation Centre | 90,000 | 70,000 | 50,000 | 20,000 | 20,000 | 130,000 | 380,000 |
| 2 - 28 | A | Ann. Budget | John Braithwaite CC Security and Access | 35,000 | - | - | - | - | - | 35,000 |
| 2 - 29 | A | Ann. Budget | John Braithwaite Community Recreation Centre - Additional Projects | 40,000 | - | - | - | - | - | 40,000 |
| TOTAL REQUESTED IN PROJECT SHEETS | | | | \$ 1,715,681 | \$ 1,794,106 | \$ 1,606,651 | \$ 1,100,936 | \$ 345,021 | \$ 1,899,543 | \$ 8,461,938 |
| CONTRIBUTIONS | | | | \$ 196,452 | \$ 126,538 | \$ 187,785 | \$ 260,010 | \$ 11,556 | \$ 186,629 | \$ 968,971 |
| NET FUNDING REQUESTED | | | | \$ 1,519,229 | \$ 1,667,568 | \$ 1,418,866 | \$ 840,926 | \$ 333,465 | \$ 1,712,913 | \$ 7,492,967 |
| Page | Rank | Funding Source | Major Renovation | | | | | | | |
| 2 - 31 | A | | Revitalization of Civic Centre | - | 1,070,000 | - | - | - | - | 1,070,000 |
| North Vancouver Recreation & Culture Commission | | | | | | | | | | |
| 2 - 32 | A | Civic Amenity | Harry Jerome Redevelopment Study and Building Renewal | 11,350,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 6,000,000 | 22,150,000 |
| 2 - 33 | A | TSL Interest | HJRC Skatepark Roofing | 50,000 | - | - | - | - | - | 50,000 |
| 2 - 34 | A | TSL Interest | Harry Jerome Community Recreation Complex - Major Repairs | 325,000 | - | - | - | - | - | 325,000 |
| TOTAL REQUESTED IN PROJECT SHEETS | | | | \$ 11,725,000 | \$ 2,270,000 | \$ 1,200,000 | \$ 1,200,000 | \$ 1,200,000 | \$ 6,000,000 | \$ 23,595,000 |
| CONTRIBUTIONS | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| NET FUNDING REQUESTED | | | | \$ 11,725,000 | \$ 2,270,000 | \$ 1,200,000 | \$ 1,200,000 | \$ 1,200,000 | \$ 6,000,000 | \$ 23,595,000 |

**2016-2025 PROJECT PLAN
BUILDINGS**

| | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|------------------------------|---|----------------------------|---|----------------------|---------------------|------------------|-------------|-------------|----------------------|
| Proposed New Projects | | | | | | | | | |
| 2 - 36 | A | Civic Amenity / LL Amenity | Foot of Lonsdale Open Space | 1,850,000 | - | - | - | - | 1,850,000 |
| 2 - 37 | A | Gen. Reserve | Shipyards Public Realm | 150,000 | 120,000 | - | - | - | 270,000 |
| 2 - 38 | A | Civic Amenity | The Shipyards - Lot 4 Building Start-Up and Provisioning | 400,000 | 100,000 | - | - | - | 500,000 |
| 2 - 39 | A | TSL Principal | Central Waterfront Capital Project Provision | 2,925,000 | 4,000,000 | - | - | - | 6,925,000 |
| 2 - 40 | A | Civic Amenity | Electrical Building - Burrard Dry Dock Pier | 50,000 | 250,000 | - | - | - | 300,000 |
| 2 - 41 | A | LL Amenity | Relocation of Presentation House Gallery | 1,600,000 | - | - | - | - | 1,600,000 |
| 2 - 41 | | External | Relocation of Presentation House Gallery - Required Outside Funding | 2,500,000 | - | - | - | - | 2,500,000 |
| 2 - 42 | A | | Lonsdale Quay Waterfront Walk | - | 220,000 | - | - | - | 220,000 |
| 2 - 42 | | External | Lonsdale Quay Waterfront Walk - Required Outside Funding | - | 220,000 | - | - | - | 220,000 |
| 2 - 43 | A | LL Amenity | PGE Station Provision | 400,000 | - | - | - | - | 400,000 |
| 2 - 44 | A | Civic Amenity | New Museum | 2,655,000 | - | - | - | - | 2,655,000 |
| 2 - 45 | A | TSL Interest / Child Care | New Child Care Facility | 50,000 | - | - | - | - | 50,000 |
| 2 - 46 | A | Heritage | Heritage Reserve Fund - Potential Projects | 89,553 | - | - | - | - | 89,553 |
| 2 - 47 | A | Civic Amenity | Central Waterfront – Project Coordination and Oversight | 274,000 | 245,000 | 61,000 | - | - | 580,000 |
| | | | TOTAL REQUESTED IN PROJECT SHEETS | \$ 12,943,553 | \$ 5,155,000 | \$ 61,000 | \$ - | \$ - | \$ 18,159,553 |
| | | | CONTRIBUTIONS | \$ 2,500,000 | \$ 220,000 | \$ - | \$ - | \$ - | \$ 2,720,000 |
| | | | NET FUNDING REQUESTED | \$ 10,443,553 | \$ 4,935,000 | \$ 61,000 | \$ - | \$ - | \$ 15,439,553 |

**2016-2025 PROJECT PLAN
STRUCTURES SUMMARY**

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--|---------------------|----------------------|----------------------|---------------------|---------------------|----------------------|----------------------|
| Summary of Structure Projects | | | | | | | |
| FUNDING REQUESTED IN PROJECT SHEETS | | | | | | | |
| Streets and Transportation | 4,627,000 | 6,020,000 | 12,260,000 | 4,770,000 | 5,735,000 | 33,035,000 | 66,447,000 |
| Parks | 4,011,750 | 5,746,750 | 3,026,750 | 2,026,750 | 1,276,750 | 2,778,750 | 18,867,500 |
| Public Art | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 881,162 | 1,306,162 |
| TOTAL FUNDING REQUESTED | \$ 8,723,750 | \$ 11,851,750 | \$ 15,371,750 | \$ 6,881,750 | \$ 7,096,750 | \$ 36,694,912 | \$ 86,620,662 |
| CONTRIBUTIONS | | | | | | | |
| Streets and Transportation | 357,000 | 595,000 | 4,866,667 | 120,000 | 305,000 | 3,658,333 | 9,902,000 |
| Parks | 410,000 | 1,280,000 | 1,645,000 | 700,000 | 700,000 | - | 4,735,000 |
| Public Art | - | - | - | - | - | - | - |
| TOTAL CONTRIBUTIONS | \$ 767,000 | \$ 1,875,000 | \$ 6,511,667 | \$ 820,000 | \$ 1,005,000 | \$ 3,658,333 | \$ 14,637,000 |
| NET FUNDING REQUESTED | | | | | | | |
| Streets and Transportation | 4,270,000 | 5,425,000 | 7,393,333 | 4,650,000 | 5,430,000 | 29,376,667 | 56,545,000 |
| Parks | 3,601,750 | 4,466,750 | 1,381,750 | 1,326,750 | 576,750 | 2,778,750 | 14,132,500 |
| Public Art | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 881,162 | 1,306,162 |
| TOTAL CITY FUNDING REQUESTED | \$ 7,956,750 | \$ 9,976,750 | \$ 8,860,083 | \$ 6,061,750 | \$ 6,091,750 | \$ 33,036,579 | \$ 71,983,662 |

**2016-2025 PROJECT PLAN
TRANSPORTATION AND STREETS**

| Page | Rank | Funding Source | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|---|------|-----------------------------------|--|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|
| Sustainable Transportation Initiatives | | | | | | | | | | |
| 3 - 4 | A | | Bicycle Route Improvements | - | 250,000 | 300,000 | 250,000 | 350,000 | 2,300,000 | 3,450,000 |
| 3 - 4 | | External | Bicycle Route Improvements - Required Outside Funding | - | 50,000 | 100,000 | 100,000 | 100,000 | 500,000 | 850,000 |
| 3 - 6 | A | | Pedestrian/Bike Signal at 3rd & St. David's Ave | - | - | - | - | 140,000 | - | 140,000 |
| 3 - 6 | | External | Pedestrian/Bike Signal at 3rd & St. David's Ave - Required Outside Funding | - | - | - | - | 60,000 | - | 60,000 |
| 3 - 7 | A | Sust. Trans. / DCCs / Ann. Budget | West Keith Road Bike Facilities, Marine Drive to Chesterfield | 450,000 | - | - | - | - | - | 450,000 |
| 3 - 7 | | External | West Keith Road Bike Facilities, Marine Drive to Chesterfield - Required Outside Funding | 230,000 | - | - | - | - | - | 230,000 |
| Total - Sustainable Transportation Initiatives | | | | \$ 680,000 | \$ 300,000 | \$ 400,000 | \$ 350,000 | \$ 650,000 | \$ 2,800,000 | \$ 5,180,000 |

| Safety/Pedestrian Improvements Program | | | | | | | | | | |
|---|---|-------------|---|-------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
| 3 - 8 | A | Ann. Budget | Safe Routes to Schools | 70,000 | 85,000 | 85,000 | 85,000 | 85,000 | - | 410,000 |
| 3 - 9 | A | Ann. Budget | Traffic Signs and Pavement Markings | 20,000 | 50,000 | 60,000 | 60,000 | 60,000 | 340,000 | 590,000 |
| 3 - 10 | A | Ann. Budget | Local Traffic Safety Improvements | 30,000 | 40,000 | 40,000 | 40,000 | 40,000 | 215,000 | 405,000 |
| 3 - 11 | A | | Pedestrian/Bicycle Signal at 4th and Lonsdale | - | - | 130,000 | - | - | - | 130,000 |
| 3 - 11 | | External | Pedestrian/Bicycle Signal at 4th and Lonsdale - Required Outside Funding | - | - | 80,000 | - | - | - | 80,000 |
| 3 - 12 | A | | Traffic Signal at Keith & Hendry | - | 125,000 | - | - | - | - | 125,000 |
| 3 - 12 | | External | Traffic Signal at Keith & Hendry - Required Outside Funding | - | 125,000 | - | - | - | - | 125,000 |
| 3 - 13 | A | | New Sidewalks to Complete Pedestrian Network | - | 300,000 | 300,000 | 300,000 | 300,000 | 1,500,000 | 2,700,000 |
| 3 - 14 | A | Ann. Budget | Sidewalk Infill & Reconstruction | 170,000 | 170,000 | 170,000 | 170,000 | 170,000 | 850,000 | 1,700,000 |
| 3 - 15 | A | | Grand Blvd & Keith & Queensbury Intersection Safety Improvements | - | - | - | - | 400,000 | - | 400,000 |
| 3 - 15 | | External | Grand Blvd & Keith & Queensbury Intersection Safety Improvements - Required Outside Funding | - | - | - | - | 100,000 | - | 100,000 |
| 3 - 16 | A | Ann. Budget | Lonsdale & W. 23rd (W. 23rd between Lonsdale and Chesterfield) | 50,000 | 220,000 | - | - | - | - | 270,000 |
| 3 - 16 | | External | Lonsdale & 23rd (23rd between Chesterfield and Lonsdale) - Required Outside Funding | 90,000 | - | - | - | - | - | 90,000 |
| Total Safety/Pedestrian Improvements | | | | \$ 430,000 | \$ 1,115,000 | \$ 865,000 | \$ 655,000 | \$ 1,155,000 | \$ 2,905,000 | \$ 7,125,000 |

| Cycling Improvements Program | | | | | | | | | | |
|-------------------------------------|---|-------------|---|-------------------|-------------------|---------------------|-------------|-------------|-------------------|---------------------|
| 3 - 17 | A | Ann. Budget | Pedestrian/Bike Signal at 3rd & St. Andrew's | 25,000 | - | - | - | - | - | 25,000 |
| 3 - 18 | A | | Sutherland Trail | - | - | 80,000 | - | - | - | 80,000 |
| 3 - 19 | B | | Covered Bike Shelter & Secured Bike Parking | - | - | - | - | - | 165,000 | 165,000 |
| 3 - 20 | A | Ann. Budget | Casano Loutet Overpass | 100,000 | 150,000 | 1,000,000 | - | - | - | 1,250,000 |
| 3 - 20 | | | Casano/Loutet Overpass - Required Outside funding | - | 150,000 | 2,000,000 | - | - | - | 2,150,000 |
| Total - Cycling Improvements | | | | \$ 125,000 | \$ 300,000 | \$ 3,080,000 | \$ - | \$ - | \$ 165,000 | \$ 3,670,000 |

**2016-2025 PROJECT PLAN
TRANSPORTATION AND STREETS**

| Page | Rank | Funding Source | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|---|------|----------------|---|------------|------------|------------|------------|------------|--------------|--------------|
| Transit Program | | | | | | | | | | |
| 3 - 21 | A | Ann. Budget | Transit Improvements | 40,000 | 30,000 | 15,000 | 15,000 | 20,000 | 100,000 | 220,000 |
| 3 - 21 | | External | Transit Improvements - Required Outside Funding | - | 15,000 | 15,000 | 15,000 | 20,000 | 100,000 | 165,000 |
| 3 - 22 | A | | City Transit Shelter Program | - | - | - | - | 20,000 | 100,000 | 120,000 |
| 3 - 22 | | External | City Transit Shelter Program- Required Outside Funding | - | - | - | - | 20,000 | 100,000 | 120,000 |
| Total - Transit Improvements | | | | \$ 40,000 | \$ 45,000 | \$ 30,000 | \$ 30,000 | \$ 80,000 | \$ 400,000 | \$ 625,000 |
| Transportation Demand Management Program | | | | | | | | | | |
| 3 - 23 | A | Carbon | Community Transportation Demand Management Program | 50,000 | 80,000 | 80,000 | 80,000 | 80,000 | - | 370,000 |
| Total - Transportation Demand Management Program | | | | \$ 50,000 | \$ 80,000 | \$ 80,000 | \$ 80,000 | \$ 80,000 | \$ - | \$ 370,000 |
| Traffic Signal System Program | | | | | | | | | | |
| 3 - 24 | A | Ann. Budget | Traffic Signal System Upgrades | 260,000 | 250,000 | 300,000 | 300,000 | 300,000 | 1,400,000 | 2,810,000 |
| 3 - 26 | A | Ann. Budget | Automated Monitoring Devices | 20,000 | - | - | - | - | - | 20,000 |
| 3 - 27 | A | | Traffic Signal Pre-Emption for Fire Emergency Vehicles | - | 75,000 | 75,000 | 80,000 | 80,000 | 80,000 | 390,000 |
| 3 - 29 | A | | Installation of APS Units | - | 35,000 | - | 35,000 | - | 120,000 | 190,000 |
| 3 - 31 | A | | LED Replacement | - | - | - | - | - | 300,000 | 300,000 |
| Total - Traffic Signals | | | | \$ 280,000 | \$ 360,000 | \$ 375,000 | \$ 415,000 | \$ 380,000 | \$ 1,900,000 | \$ 3,710,000 |
| Traffic Calming Program | | | | | | | | | | |
| 3 - 32 | A | Ann. Budget | Cloverley Neighbourhood - Short-Cutting Prevention Measures | 150,000 | - | - | - | - | - | 150,000 |
| Total - Traffic Calming Program | | | | \$ 150,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 150,000 |
| Parking and Streetscapes | | | | | | | | | | |
| 3 - 33 | A | | Street Banner Program | - | 30,000 | - | 30,000 | - | 90,000 | 150,000 |
| 3 - 34 | A | | Parklet Design Competition and Installations | - | - | - | - | 50,000 | 125,000 | 175,000 |
| 3 - 35 | B | | Queensbury Business Area Streetscape Improvement Project | - | - | - | - | - | 300,000 | 300,000 |
| 3 - 36 | A | Carbon | Living City Tree Planting Program | 47,000 | 75,000 | 75,000 | 75,000 | 75,000 | 375,000 | 722,000 |
| 3 - 36 | | External | Living City Tree Planting Program - Required Outside Funding | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 25,000 | 50,000 |
| 3 - 37 | A | | 200 East 2nd Street - Parking Improvements | - | 100,000 | - | - | - | - | 100,000 |
| 3 - 38 | B | | 100 East 1st Street - Streetscape Improvements | - | - | - | - | - | 700,000 | 700,000 |
| 3 - 39 | B | | 100 East 2nd Street - Parking & Streetscape Improvements | - | - | - | - | - | 450,000 | 450,000 |
| 3 - 40 | A | Ann. Budget | 100 West 14th Street Median | 25,000 | - | - | - | - | - | 25,000 |
| 3 - 40 | | External | 100 West 14th Street Median Reconstruction - Required Outside Funding | 25,000 | - | - | - | - | - | 25,000 |
| 3 - 41 | B | | Electric Vehicle Charging Station Infrastructure and Signage | - | - | - | - | - | 60,000 | 60,000 |
| 3 - 42 | A | Ann. Budget | Electrical Kiosk Beautification Program | 13,000 | - | - | - | - | - | 13,000 |
| 3 - 42 | | External | Electrical Kiosk Beautification Program - Required Outside Funding | 7,000 | - | - | - | - | - | 7,000 |
| Total - Parking and Streetscapes | | | | \$ 122,000 | \$ 210,000 | \$ 80,000 | \$ 110,000 | \$ 130,000 | \$ 2,125,000 | \$ 2,777,000 |

**2016-2025 PROJECT PLAN
TRANSPORTATION AND STREETS**

| Page | Rank | Funding Source | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--|------|------------------------------|--|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|----------------------|
| City Lighting Program | | | | | | | | | | |
| 3 - 43 | A | Ann. Budget | Pedestrian and Roadway Lighting Implementation | 120,000 | - | - | 120,000 | 150,000 | 750,000 | 1,140,000 |
| 3 - 45 | A | Ann. Budget | Street Light and Traffic Signal Aging Pole Replacement | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 | 500,000 |
| 3 - 46 | A | | City-Wide LED Streetlight Upgrade | - | 500,000 | 500,000 | - | - | - | 1,000,000 |
| Total - City Lighting | | | | \$ 170,000 | \$ 550,000 | \$ 550,000 | \$ 170,000 | \$ 200,000 | \$ 1,000,000 | \$ 2,640,000 |
| Studies | | | | | | | | | | |
| 3 - 47 | A | | Transportation Plan Update | - | - | 50,000 | 100,000 | - | - | 150,000 |
| 3 - 48 | A | Ann. Budget | Pedestrian Plan Update | 85,000 | - | - | - | - | - | 85,000 |
| Total - Studies | | | | \$ 85,000 | \$ - | \$ 50,000 | \$ 100,000 | \$ - | \$ - | \$ 235,000 |
| Major Projects | | | | | | | | | | |
| 3 - 49 | A | Ann. Budget | Bridge Rehabilitation | 350,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 | 800,000 |
| 3 - 50 | A | Ann. Budget | Keith and Brooksbank Active Transportation Improvements | 80,000 | 100,000 | 50,000 | - | - | - | 230,000 |
| 3 - 51 | A | | Mosquito Creek Bridge | - | 250,000 | 1,333,333 | - | - | - | 1,583,333 |
| 3 - 51 | | | Mosquito Creek Bridge - Required Outside Funding | - | 250,000 | 2,666,667 | - | - | - | 2,916,667 |
| 3 - 52 | B | | Marine Drive Bridge Replacement over Mackay Creek | - | - | - | - | - | 1,666,667 | 1,666,667 |
| 3 - 52 | | External | Marine Drive Bridge Replacement over Mackay Creek - Required Outside Funding | - | - | - | - | - | 2,933,333 | 2,933,333 |
| Total - Major Projects | | | | \$ 430,000 | \$ 650,000 | \$ 4,100,000 | \$ 50,000 | \$ 50,000 | \$ 4,850,000 | \$ 10,130,000 |
| Local Area Services | | | | | | | | | | |
| 3 - 53 | A | LAS | Provision for Local Area Services - City Share | 355,000 | - | - | - | - | - | 355,000 |
| Total - Local Area Services | | | | \$ 355,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 355,000 |
| Pavement Management | | | | | | | | | | |
| 3 - 54 | A | Ann. Budget / Infrastructure | Pavement Management: Streets and Lanes | 1,700,000 | 2,400,000 | 2,600,000 | 2,800,000 | 3,000,000 | 16,760,000 | 29,260,000 |
| 3 - 56 | A | Ann. Budget | Pavement Condition Testing | 10,000 | 10,000 | 50,000 | 10,000 | 10,000 | 130,000 | 220,000 |
| Total - Pavement Management | | | | \$ 1,710,000 | \$ 2,410,000 | \$ 2,650,000 | \$ 2,810,000 | \$ 3,010,000 | \$ 16,890,000 | \$ 29,480,000 |
| TOTAL FUNDING REQUESTED IN PROJECT SHEETS | | | | \$ 4,627,000 | \$ 6,020,000 | \$ 12,260,000 | \$ 4,770,000 | \$ 5,735,000 | \$ 33,035,000 | \$ 66,447,000 |
| TOTAL CONTRIBUTIONS | | | | \$ 357,000 | \$ 595,000 | \$ 4,866,667 | \$ 120,000 | \$ 305,000 | \$ 3,658,333 | \$ 9,902,000 |
| NET FUNDING REQUESTED | | | | \$ 4,270,000 | \$ 5,425,000 | \$ 7,393,333 | \$ 4,650,000 | \$ 5,430,000 | \$ 29,376,667 | \$ 56,545,000 |

**2016-2025 PROJECT PLAN
PARKS AND ENVIRONMENT**

| Page | Rank | Funding Source | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|-----------------------------------|------|----------------------|--|-------------------|---------------------|-------------------|-------------------|-------------------|---------------------|---------------------|
| Park Specific | | | | | | | | | | |
| 4 - 3 | A | | Lower Lonsdale Small Park Infrastructure Replacement | - | 250,000 | - | - | - | - | 250,000 |
| 4 - 4 | A | Ann. Budget | St. Andrews Park Improvements | 70,000 | 100,000 | - | - | - | - | 170,000 |
| 4 - 5 | A | | Ray Perreault Tennis Courts - Rebuild | - | 150,000 | - | - | - | - | 150,000 |
| 4 - 6 | B | | St. Andrews Park Washrooms | - | - | - | - | - | 200,000 | 200,000 |
| 4 - 7 | A | Ann. Budget | Derek Inman Tennis Court Lighting Replacement | 80,000 | 80,000 | - | - | - | - | 160,000 |
| 4 - 8 | A | | Mahon Park Picnic Area | - | 80,000 | - | - | - | - | 80,000 |
| 4 - 9 | A | | Greenwood Park Trail Improvements | - | - | 250,000 | - | - | - | 250,000 |
| 4 - 10 | A | | Sutherland Field - Artificial Turf Replacement | - | - | - | 750,000 | - | - | 750,000 |
| 4 - 11 | B | | Waterfront Park Master Plan & Implementation | - | - | - | - | - | 1,700,000 | 1,700,000 |
| 4 - 12 | B | | Covered Space - Playground | - | - | - | - | - | 200,000 | 200,000 |
| 4 - 13 | B | | Bike Skills Facility | - | - | - | - | - | 100,000 | 100,000 |
| 4 - 14 | B | Ann. Budget | Mickey McDougall Pickleball Court Conversion | - | - | - | - | - | 25,000 | 25,000 |
| 4 - 15 | A | Ann. Budget | Goldsworthy Pier Floating Dock Replacement | 65,000 | - | - | - | - | - | 65,000 |
| 4 - 16 | A | Ann. Budget | Waterfront Park Accessibility Upgrades | - | - | 25,000 | - | - | - | 25,000 |
| 4 - 17 | A | | Pier - Access Ladder and Tug Protection | 20,000 | - | - | - | - | - | 20,000 |
| 4 - 18 | | External | Chief Dan George Park Renovation | 200,000 | - | - | - | - | - | 200,000 |
| NEW | N/A | | Moodyville Park Master Plan and Implementation | - | 2,400,000 | - | - | - | - | 2,400,000 |
| NEW | | External | Moodyville Park Master Plan and Implementation - Required Outside Funding | 100,000 | - | - | - | - | - | 100,000 |
| Total - Park Specific | | | | \$ 535,000 | \$ 3,060,000 | \$ 275,000 | \$ 750,000 | \$ - | \$ 2,225,000 | \$ 6,845,000 |
| City Wide Programs | | | | | | | | | | |
| 4 - 19 | B | | Parks Master Plan Update | - | - | - | - | - | 100,000 | 100,000 |
| 4 - 20 | B | | Street Tree Master Plan Update | - | - | - | - | - | 20,000 | 20,000 |
| 4 - 21 | A | Ann. Budget | Chafer Beetle Turf Restoration | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 150,000 | 400,000 |
| 4 - 22 | A | Ann. Budget | Wooden Bridge and Stair Replacement | 50,000 | 50,000 | 50,000 | - | - | - | 150,000 |
| 4 - 23 | A | Ann. Budget | Grass Sports Field Renovations | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 600,000 |
| 4 - 24 | A | Ann. Budget | Play Equipment Replacement | 35,000 | 35,000 | - | - | - | - | 70,000 |
| 4 - 25 | A | Ann. Budget | Parks Furnishings and Signage | 26,750 | 26,750 | 26,750 | 26,750 | 26,750 | 133,750 | 267,500 |
| 4 - 26 | A | Ann. Budget | Invasives Management and Forest Restoration | 75,000 | 75,000 | 75,000 | 50,000 | 50,000 | 50,000 | 375,000 |
| Total - City-Wide Programs | | | | \$ 336,750 | \$ 336,750 | \$ 301,750 | \$ 226,750 | \$ 226,750 | \$ 553,750 | \$ 1,982,500 |
| Greenways Program | | | | | | | | | | |
| 4 - 27 | A | Civic Amenity / DCCs | Spirit Trail - Wayfinding | 50,000 | - | - | - | - | - | 50,000 |
| 4 - 28 | A | Civic Amenity / DCCs | Green Necklace - Wayfinding Program | 30,000 | - | - | - | - | - | 30,000 |
| 4 - 29 | A | Civic Amenity / DCCs | Spirit Trail - The Shipyards | 250,000 | - | - | - | - | - | 250,000 |
| 4 - 30 | A | Civic Amenity / DCCs | Green Necklace - East Keith Road (St. Andrew's to Grand Boulevard) | 1,000,000 | - | - | - | - | - | 1,000,000 |
| 4 - 31 | A | Civic Amenity / DCCs | Green Necklace - Grand Boulevard | 1,300,000 | - | - | - | - | - | 1,300,000 |
| 4 - 32 | A | | Green Necklace Greenway - West 21st Street (Jones to Lonsdale) | - | 570,000 | - | - | - | - | 570,000 |
| 4 - 32 | | External | Green Necklace Greenway - West 21st Street (Jones to Lonsdale) - Required Outside Funding | - | 730,000 | - | - | - | - | 730,000 |
| 4 - 33 | A | | Green Necklace - 21st and Lonsdale Avenue to 19th and Grand Boulevard | - | 200,000 | 535,000 | - | - | - | 735,000 |
| 4 - 33 | | External | Green Necklace - 21st and Lonsdale Avenue to 19th and Grand Boulevard - Required Outside Funding | - | - | 1,065,000 | - | - | - | 1,065,000 |

**2016-2025 PROJECT PLAN
PARKS AND ENVIRONMENT**

| Page | Rank | Funding Source | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|------|----------------|---|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|---------------------|
| 4 - 34 | A | | Upper Levels Greenway - Lonsdale to Westview | - | - | - | - | 350,000 | - | 350,000 |
| 4 - 34 | | External | Upper Levels Greenway - Lonsdale to Westview -Required outside funding | - | - | - | - | 700,000 | - | 700,000 |
| 4 - 35 | A | | Upper Levels Greenway - Lonsdale to Lynn Valley Road | - | - | - | 350,000 | - | - | 350,000 |
| 4 - 35 | | External | Upper Levels Greenway - Lonsdale to Lynn Valley Road - Required outside funding | - | - | - | 700,000 | - | - | 700,000 |
| 4 - 36 | A | | St. David's Avenue Greenway Connection | 100,000 | - | 170,000 | - | - | - | 270,000 |
| 4 - 36 | | External | St. David's Avenue Greenway Connection - Required Outside Funding | - | - | 530,000 | - | - | - | 530,000 |
| 4 - 37 | A | | Queensbury Avenue Greenway Connection | 100,000 | 200,000 | - | - | - | - | 300,000 |
| 4 - 37 | | External | Queensbury Avenue Greenway Connection - Required Outside Funding | - | 500,000 | - | - | - | - | 500,000 |
| Total - Greenways | | | | \$ 2,830,000 | \$ 2,200,000 | \$ 2,300,000 | \$ 1,050,000 | \$ 1,050,000 | \$ - | \$ 9,430,000 |

Environmental Sustainability

| | | | | | | | | | | |
|---|---|----------|--|-------------------|-------------------|-------------------|-------------|-------------|-------------|-------------------|
| 4 - 38 | A | Carbon | Climate Action Implementation: Energy Efficiency Outreach Program | 100,000 | 100,000 | 100,000 | - | - | - | 300,000 |
| 4 - 38 | | External | Climate Action Implementation: Energy Efficiency Outreach Program - Required Outside Funding | 50,000 | 50,000 | 50,000 | - | - | - | 150,000 |
| 4 - 39 | A | Carbon | Community Renewable Energy Strategy | 100,000 | - | - | - | - | - | 100,000 |
| 4 - 39 | | External | Community Renewable Energy Strategy - Required Outside Funding | 60,000 | - | - | - | - | - | 60,000 |
| Total - Environmental Sustainability | | | | \$ 310,000 | \$ 150,000 | \$ 150,000 | \$ - | \$ - | \$ - | \$ 610,000 |

| | | | | | | | |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| TOTAL FUNDING REQUESTED IN PROJECT SHEETS | \$ 4,011,750 | \$ 5,746,750 | \$ 3,026,750 | \$ 2,026,750 | \$ 1,276,750 | \$ 2,778,750 | \$ 18,867,500 |
| TOTAL CONTRIBUTIONS | \$ 410,000 | \$ 1,280,000 | \$ 1,645,000 | \$ 700,000 | \$ 700,000 | \$ - | \$ 4,735,000 |
| NET FUNDING REQUESTED | \$ 3,601,750 | \$ 4,466,750 | \$ 1,381,750 | \$ 1,326,750 | \$ 576,750 | \$ 2,778,750 | \$ 14,132,500 |

- Base Program
- Dedicated Funds
- New Initiatives
- External Funds

**2016-2025 PROJECT PLAN
PUBLIC ART**

| Page | Rank | Funding Source | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--|------|----------------|---|------------------|------------------|------------------|------------------|------------------|-------------------|---------------------|
| 5 - 2 | A | Public Art | Civic Public Art Program | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 425,000 | 850,000 |
| 5 - 3 | B | | Provisions of 1% of revenue from LL Land Sales to Public Art Projects | - | - | - | - | - | 456,162 | 456,162 |
| TOTAL FUNDING REQUESTED IN PROJECT SHEETS | | | | \$ 85,000 | \$ 85,000 | \$ 85,000 | \$ 85,000 | \$ 85,000 | \$ 881,162 | \$ 1,306,162 |
| TOTAL CONTRIBUTIONS | | | | | | | | | | |
| NET FUNDING REQUESTED | | | | \$ 85,000 | \$ 85,000 | \$ 85,000 | \$ 85,000 | \$ 85,000 | \$ 881,162 | \$ 1,306,162 |
| Base Program | | | | | | | | | | |
| Dedicated Funds | | | | | | | | | | |
| External Contribution | | | | | | | | | | |
| New Initiatives | | | | | | | | | | |

**2016-2025 PROJECT PLAN
EQUIPMENT**

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|
| Summary of Equipment Projects | | | | | | | |
| FUNDING REQUESTED IN PROJECT SHEETS | | | | | | | |
| General Equipment | 316,650 | 298,810 | 179,550 | 349,550 | 229,550 | 1,628,200 | 3,002,310 |
| Information Technology Equipment | 2,462,450 | 2,030,804 | 778,796 | 1,604,600 | 1,610,700 | 3,739,562 | 12,226,912 |
| Engineering Equipment | 125,000 | 845,000 | 1,080,000 | 1,095,000 | 145,000 | 1,522,000 | 4,812,000 |
| Fire Equipment | 1,075,000 | 360,000 | 170,000 | 195,000 | 600,000 | 2,590,000 | 4,990,000 |
| Block Funding & One-Time Studies | 1,427,994 | 1,064,217 | 940,217 | 865,217 | 840,217 | 4,344,085 | 9,481,947 |
| TOTAL FUNDING REQUESTED | \$ 5,407,094 | \$ 4,598,831 | \$ 3,148,563 | \$ 4,109,367 | \$ 3,425,467 | \$ 13,823,847 | \$ 34,513,169 |
| CONTRIBUTIONS | | | | | | | |
| General Equipment | 16,200 | 76,200 | 16,200 | 56,200 | 48,600 | 279,300 | 492,700 |
| Information Technology Equipment | 234,275 | 194,802 | 126,048 | 81,500 | 86,000 | 359,831 | 1,082,456 |
| Engineering Equipment | - | - | - | - | - | - | - |
| Fire Equipment | - | - | - | - | - | - | - |
| Block Funding & One-Time Studies | 118,217 | 118,217 | 122,217 | 122,217 | 122,217 | 623,085 | 1,226,170 |
| TOTAL CONTRIBUTIONS | \$ 368,692 | \$ 389,219 | \$ 264,465 | \$ 259,917 | \$ 256,817 | \$ 1,262,216 | \$ 2,801,326 |
| NET FUNDING REQUESTED | | | | | | | |
| General Equipment | 300,450 | 222,610 | 163,350 | 293,350 | 180,950 | 1,348,900 | 2,509,610 |
| Information Technology Equipment | 2,228,175 | 1,836,002 | 652,748 | 1,523,100 | 1,524,700 | 3,379,731 | 11,144,456 |
| Engineering Equipment | 125,000 | 845,000 | 1,080,000 | 1,095,000 | 145,000 | 1,522,000 | 4,812,000 |
| Fire Equipment | 1,075,000 | 360,000 | 170,000 | 195,000 | 600,000 | 2,590,000 | 4,990,000 |
| Block Funding & One-Time Studies | 1,309,777 | 946,000 | 818,000 | 743,000 | 718,000 | 3,721,000 | 8,255,777 |
| TOTAL CITY FUNDING REQUESTED | \$ 5,038,402 | \$ 4,209,612 | \$ 2,884,098 | \$ 3,849,450 | \$ 3,168,650 | \$ 12,561,631 | \$ 31,711,843 |

**2016-2025 PROJECT PLAN
GENERAL EQUIPMENT**

| Page | Rank | Funding Source | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--|------|--------------------------|--|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|
| 6 - 2 | A | Ann. Budget / Gen. Equip | Furniture and Equipment | 85,450 | 72,610 | 53,350 | 53,350 | 53,350 | 213,400 | 531,510 |
| 6 - 2 | | External | Furniture and Equipment - Required Outside Funding | 16,200 | 16,200 | 16,200 | 16,200 | 16,200 | 64,800 | 145,800 |
| 6 - 4 | A | Ann. Budget | Pool Vehicle Replacement | 50,000 | - | - | 100,000 | 5,000 | 340,000 | 495,000 |
| 6 - 6 | A | | Replacement of Pool Vehicles - Municipal Police | - | - | - | - | 27,600 | 80,500 | 108,100 |
| 6 - 6 | | External | Replacement of Pool Vehicles - Municipal Police - Required Outside Funding | - | - | - | - | 32,400 | 94,500 | 126,900 |
| 6 - 8 | A | | NVRC Maintenance Vehicles | - | 30,000 | - | 20,000 | - | 60,000 | 110,000 |
| 6 - 8 | | External | NVRC Maintenance Vehicles - Required Outside Funding | - | 60,000 | - | 40,000 | - | 120,000 | 220,000 |
| 6 - 10 | A | Ann. Budget | NVRC Recreation Program Equipment | 165,000 | 120,000 | 110,000 | 120,000 | 95,000 | 655,000 | 1,265,000 |
| TOTAL FUNDING REQUESTED IN PROJECT SHEETS | | | | \$ 316,650 | \$ 298,810 | \$ 179,550 | \$ 349,550 | \$ 229,550 | \$ 1,628,200 | \$ 3,002,310 |
| TOTAL CONTRIBUTIONS | | | | \$ 16,200 | \$ 76,200 | \$ 16,200 | \$ 56,200 | \$ 48,600 | \$ 279,300 | \$ 492,700 |
| NET FUNDING REQUESTED | | | | \$ 300,450 | \$ 222,610 | \$ 163,350 | \$ 293,350 | \$ 180,950 | \$ 1,348,900 | \$ 2,509,610 |
| Base Program | | | | | | | | | | |
| Dedicated Funds | | | | | | | | | | |
| New Initiatives | | | | | | | | | | |
| External Funding | | | | | | | | | | |

**2016-2025 PROJECT PLAN
INFORMATION TECHNOLOGY**

| Page | Rank | Funding Source | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--|------|----------------|--|------------------|------------------|-----------------|------------------|------------------|------------------|-------------------|
| I.T. Department | | | | | | | | | | |
| 7 - 3 | A | Ann. Budget | User Device Replacements | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 750,000 | 1,500,000 |
| 7 - 4 | A | | Server Replacements | - | - | - | - | 125,000 | 125,000 | 250,000 |
| | | Ann. Budget / | | | | | | | | |
| 7 - 5 | A | TSL Interest | Storage Infrastructure | 150,000 | - | 100,000 | - | 100,000 | 200,000 | 550,000 |
| 7 - 6 | A | TSL Interest | Wired Network Replacement | 75,000 | - | - | - | - | 250,000 | 325,000 |
| 7 - 7 | A | TSL Interest | Phone System Upgrade | 50,000 | 20,000 | 20,000 | 20,000 | 100,000 | 100,000 | 310,000 |
| 7 - 8 | A | | Open Data & GIS Review | - | 65,000 | - | - | - | - | 65,000 |
| 7 - 9 | A | | 3D Modelling & LiDAR data | 40,000 | 40,000 | 40,000 | - | - | 40,000 | 160,000 |
| 7 - 10 | A | Comp. Equip | Permitting & Ticketing Software Replacement | 1,500,000 | 500,000 | - | - | - | - | 2,000,000 |
| 7 - 11 | A | | Agenda Management | - | 85,000 | - | - | - | - | 85,000 |
| 7 - 12 | A | | Facilities Management Software | - | 100,000 | - | - | - | - | 100,000 |
| 7 - 13 | A | TSL Interest | Completion of Asset Management for Major Engineering Assets | 100,000 | - | - | - | - | - | 100,000 |
| 7 - 14 | A | | 10 Year Applications Replacement Plan | - | 740,000 | 275,000 | 1,305,000 | 1,000,000 | 1,685,000 | 5,005,000 |
| Total - I.T. Department | | | | 2,065,000 | 1,700,000 | 585,000 | 1,475,000 | 1,475,000 | 3,150,000 | 10,450,000 |
| Police | | | | | | | | | | |
| 7 - 16 | A | TSL Interest | WiseTrack Asset Tracking Software | 20,700 | - | - | - | - | - | 20,700 |
| 7 - 16 | | External | WiseTrack Asset Tracking Software - Required Outside Funding | 24,300 | - | - | - | - | - | 24,300 |
| Total - Police | | | | \$ 45,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 45,000 |
| North Vancouver Museum & Archives | | | | | | | | | | |
| 7 - 17 | A | TSL Interest | Museum & Archives Technology Refresh | 3,475 | 14,302 | 4,048 | - | - | 31,831 | 53,656 |
| 7 - 17 | | External | Museum & Archives Technology Refresh - Required Outside Funding | 3,475 | 14,302 | 4,048 | - | - | 31,831 | 53,656 |
| Total - North Vancouver Museum & Archives | | | | \$ 6,950 | \$ 28,604 | \$ 8,096 | \$ - | \$ - | \$ 63,662 | \$ 107,312 |
| North Vancouver Recreation & Culture Commission | | | | | | | | | | |
| 7 - 18 | A | TSL Interest | NVRC ITS Workstation Replacement | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 75,000 | 150,000 |
| 7 - 18 | | External | NVRC ITS Workstation Replacement - Required Outside Funding | 31,000 | 20,000 | 20,000 | 20,000 | 20,000 | 100,000 | 211,000 |
| 7 - 19 | A | TSL Interest | NVRC ITS Network Printer and Notebook Replacement | 5,000 | 4,200 | 4,200 | 4,600 | 3,700 | 20,400 | 42,100 |
| 7 - 19 | | External | NVRC ITS Network Printer and Notebook Replacement - Required Outside Funding | 9,500 | 6,000 | 6,000 | 5,000 | 5,000 | 27,000 | 58,500 |
| 7 - 20 | A | TSL Interest | NVRC ITS Software | 5,500 | 3,500 | 3,500 | 3,500 | 5,500 | 19,500 | 41,000 |
| 7 - 20 | | External | NVRC ITS Software - Required Outside Funding | 11,000 | 7,000 | 7,000 | 7,000 | 11,000 | 39,000 | 82,000 |
| 7 - 21 | A | TSL Interest | NVRC ITS Network Servers and Devices | 15,500 | 24,000 | 10,000 | 8,500 | 15,500 | 83,000 | 156,500 |

**2016-2025 PROJECT PLAN
INFORMATION TECHNOLOGY**

| Page | Rank | Funding Source | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total | |
|--|------|----------------|---|---------------------|-------------------|---------------------|---------------------|---------------------|----------------------|--|
| 7 - 21 | | External | NVRC ITS Network Servers and Devices - Required Outside Funding | | | | | | | |
| | | | 30,000 | 47,500 | 20,000 | 15,500 | 30,000 | 162,000 | 305,000 | |
| 7 - 22 | A | | NVRC Telephone Systems | | | | | | | |
| | | | - | - | 31,000 | 16,500 | 10,000 | - | 57,500 | |
| 7 - 22 | | External | NVRC Telephone Systems - Required Outside Funding | | | | | | | |
| | | | - | - | 69,000 | 34,000 | 20,000 | - | 123,000 | |
| 7 - 23 | A | TSL Interest | NVRC ITS Recreation Software Replacement | | | | | | | |
| | | | 50,000 | 50,000 | - | - | - | - | 100,000 | |
| 7 - 23 | | External | NVRC ITS Recreation Software Replacement - Required Outside Funding | | | | | | | |
| | | | 100,000 | 100,000 | - | - | - | - | 200,000 | |
| 7 - 24 | A | TSL Interest | John Braithwaite Community Centre Network Assimilation | | | | | | | |
| | | | 48,000 | - | - | - | - | - | 48,000 | |
| 7 - 24 | | External | John Braithwaite Community Centre Network Assimilation - Required Outside Funding | | | | | | | |
| | | | 25,000 | - | - | - | - | - | 25,000 | |
| 7 - 25 | A | | Fiber Optic Network - Harry Jerome Centre | | | | | | | |
| | | | - | 25,000 | - | - | - | - | 25,000 | |
| Total - North Vancouver Recreation & Culture Commission | | | \$ 345,500 | \$ 302,200 | \$ 185,700 | \$ 129,600 | \$ 135,700 | \$ 525,900 | \$ 1,624,600 | |
| TOTAL FUNDING REQUESTED IN PROJECT SHEETS | | | \$ 2,462,450 | \$ 2,030,804 | \$ 778,796 | \$ 1,604,600 | \$ 1,610,700 | \$ 3,739,562 | \$ 12,226,912 | |
| TOTAL CONTRIBUTIONS | | | \$ 234,275 | \$ 194,802 | \$ 126,048 | \$ 81,500 | \$ 86,000 | \$ 359,831 | \$ 1,082,456 | |
| NET FUNDING REQUESTED | | | \$ 2,228,175 | \$ 1,836,002 | \$ 652,748 | \$ 1,523,100 | \$ 1,524,700 | \$ 3,379,731 | \$ 11,144,456 | |
| Base Program | | | | | | | | | | |
| Dedicated Funds | | | | | | | | | | |
| New Initiatives | | | | | | | | | | |
| External Funding | | | | | | | | | | |

2016-2025 PROJECT PLAN ENGINEERING EQUIPMENT

| Page | Rank | Funding Source | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--|------|----------------|---|-------------------|-------------------|---------------------|---------------------|-------------------|---------------------|---------------------|
| 8 - 2 | A | Eng Equip | Engineering, Parks and Environment Operations | - | 570,000 | 1,035,000 | 1,095,000 | 145,000 | 1,522,000 | 4,367,000 |
| 8 - 5 | A | | Vehicle/Equipment Replacement Program | - | 175,000 | 45,000 | - | - | - | 220,000 |
| 8 - 6 | A | Ann. Budget | Crew Trucks(x2) for Engineering Operations | 60,000 | - | - | - | - | - | 60,000 |
| 8 - 7 | A | Eng Equip | New Trail and Bikeway Sweeper | - | 80,000 | - | - | - | - | 80,000 |
| 8 - 8 | A | Ann. Budget | Folding Boom Crane | 65,000 | - | - | - | - | - | 65,000 |
| 8 - 9 | A | | Ride On Roller (Pavement Restoration) | - | 20,000 | - | - | - | - | 20,000 |
| | | | Mobile Air Compressor | - | 20,000 | - | - | - | - | 20,000 |
| TOTAL FUNDING REQUESTED IN PROJECT SHEETS | | | | \$ 125,000 | \$ 845,000 | \$ 1,080,000 | \$ 1,095,000 | \$ 145,000 | \$ 1,522,000 | \$ 4,812,000 |
| TOTAL CONTRIBUTIONS | | | | | | | | | | |
| NET FUNDING REQUESTED | | | | \$ 125,000 | \$ 845,000 | \$ 1,080,000 | \$ 1,095,000 | \$ 145,000 | \$ 1,522,000 | \$ 4,812,000 |
| Base Program | | | | | | | | | | |
| Dedicated Funds | | | | | | | | | | |
| New Initiatives | | | | | | | | | | |

**2016-2025 PROJECT PLAN
FIRE EQUIPMENT**

| Page | Rank | Funding Source | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--|-------------|---|---------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|
| 9 - 2 | A | Fire Equip / TSL Int. Fire Equipment Replacement Program | 1,075,000 | 360,000 | 170,000 | 195,000 | 600,000 | 2,590,000 | 4,990,000 |
| TOTAL FUNDING REQUESTED IN PROJECT SHEETS | | | \$ 1,075,000 | \$ 360,000 | \$ 170,000 | \$ 195,000 | \$ 600,000 | \$ 2,590,000 | \$ 4,990,000 |
| TOTAL CONTRIBUTIONS | | | | | | | | | |
| NET FUNDING REQUESTED | | | \$ 1,075,000 | \$ 360,000 | \$ 170,000 | \$ 195,000 | \$ 600,000 | \$ 2,590,000 | \$ 4,990,000 |
| Base Program | | | | | | | | | |

2016-2025 PROJECT PLAN
BLOCK FUNDING, ON-GOING PROGRAMS, ONE-TIME STUDIES

| Page | Rank | Funding Source | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|----------------------------------|------|----------------|--|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|
| Block Funds | | | | | | | | | | |
| 10 - 3 | A | Ann. Budget | Block Funding City Used Buildings | 80,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 | 980,000 |
| 10 - 4 | A | Ann. Budget | Block Funding - Non-City Used Buildings | 80,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 | 980,000 |
| 10 - 5 | A | Ann. Budget | Block Funding - Gerry Brewer Building | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 | 300,000 |
| 10 - 5 | | External | Gerry Brewer Building - Required Outside Funding | 35,217 | 35,217 | 35,217 | 35,217 | 35,217 | 176,085 | 352,170 |
| 10 - 6 | A | Ann. Budget | Block Funding - Information Technology | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 375,000 | 750,000 |
| 10 - 7 | A | Ann. Budget | Block Funding - Parks Infrastructure | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 375,000 | 750,000 |
| 10 - 8 | A | Ann. Budget | Block Funding - Transportation | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 150,000 | 300,000 |
| 10 - 9 | A | Eng Equip | Block Funding - Engineering Equipment | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 | 500,000 |
| 10 - 10 | A | Ann. Budget | Block Funding - Waterfront Asset Infrastructure | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 | 500,000 |
| 10 - 11 | A | | Block Funding - Fire Department | - | 50,000 | - | 50,000 | - | 150,000 | 250,000 |
| 10 - 12 | A | Ann. Budget | Block Funding - Police Equipment | 23,000 | 23,000 | 23,000 | 23,000 | 23,000 | 115,000 | 230,000 |
| 10 - 12 | | External | Block Funding - Police Equipment - Required Outside Funding | 27,000 | 27,000 | 27,000 | 27,000 | 27,000 | 135,000 | 270,000 |
| 10 - 13 | A | Ann. Budget | Block Funding - Library Equipment | 25,000 | - | 25,000 | - | 25,000 | 50,000 | 125,000 |
| 10 - 14 | A | Ann. Budget | Block Funding - Museum & Archives | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 50,000 | 100,000 |
| 10 - 14 | | External | Museum & Archives - Required Outside Funding | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 50,000 | 100,000 |
| 10 - 15 | A | Ann. Budget | Block Funding - NVRC | 70,000 | 70,000 | 75,000 | 75,000 | 75,000 | 390,000 | 755,000 |
| 10 - 16 | A | Ann. Budget | NVRC Emergency Capital Replacement Fund | 23,000 | 23,000 | 25,000 | 25,000 | 25,000 | 131,000 | 252,000 |
| 10 - 16 | | External | NVRC Emergency Capital Replacement Fund - Required Outside Funding | 46,000 | 46,000 | 50,000 | 50,000 | 50,000 | 262,000 | 504,000 |
| TOTAL - BLOCK FUNDS | | | | \$ 739,217 | \$ 804,217 | \$ 790,217 | \$ 815,217 | \$ 790,217 | \$ 4,059,085 | \$ 7,998,170 |
| On-Going Programs | | | | | | | | | | |
| 10 - 17 | A | LL Legacy | Lower Lonsdale Legacy Fund Transfer to Community Grants | 85,977 | - | - | - | - | - | 85,977 |
| 10 - 18 | A | Ann. Budget | Studio in the City - Youth Employment in the Arts | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 | 500,000 |
| TOTAL - ON-GOING PROGRAMS | | | | \$ 135,977 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 250,000 | \$ 585,977 |

**2016-2025 PROJECT PLAN
BLOCK FUNDING, ON-GOING PROGRAMS, ONE-TIME STUDIES**

| Page | Rank | Funding Source | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--|------|-------------------------------|--|---------------------|---------------------|-------------------|-------------------|-------------------|---------------------|---------------------|
| One-Time Studies/Projects | | | | | | | | | | |
| 10 - 19 | A | TSL Interest Ann. Budget / | Streamlining Development Controls | 60,000 | 60,000 | 60,000 | - | - | - | 180,000 |
| 10 - 20 | A | TSL Interest | Land Use Plan Review | 150,000 | - | - | - | - | - | 150,000 |
| 10 - 21 | A | TSL Interest | Shipbuilders' Square and Public Realm Events | 75,000 | 80,000 | - | - | - | - | 155,000 |
| 10 - 22 | A | TSL Interest | COR Certification Readiness Project | 42,800 | - | - | - | - | - | 42,800 |
| 10 - 23 | B | TSL Interest | Homeless Employment Initiative | - | - | - | - | - | 35,000 | 35,000 |
| 10 - 24 | A | TSL Interest | CNV4ME Implementation | 50,000 | - | - | - | - | - | 50,000 |
| 10 - 25 | A | TSL Interest | Outreach Support - Built Environment | 30,000 | - | - | - | - | - | 30,000 |
| 10 - 26 | A | TSL Interest | North Vancouver Economic Commission | 70,000 | 70,000 | 40,000 | - | - | - | 180,000 |
| 10 - 27 | A | TSL Interest | Rogers Plaza / Jack Loucks Court Enhancement Study | 60,000 | - | - | - | - | - | 60,000 |
| 10 - 28 | A | TSL Interest | Council Report and Resolution Digital Archive | 15,000 | - | - | - | - | - | 15,000 |
| TOTAL - ONE-TIME STUDIES | | | | \$ 552,800 | \$ 210,000 | \$ 100,000 | \$ - | \$ - | \$ 35,000 | \$ 897,800 |
| TOTAL FUNDING REQUESTED IN PROJECT SHEETS | | | | \$ 1,427,994 | \$ 1,064,217 | \$ 940,217 | \$ 865,217 | \$ 840,217 | \$ 4,344,085 | \$ 9,481,947 |
| TOTAL CONTRIBUTIONS | | | | \$ 118,217 | \$ 118,217 | \$ 122,217 | \$ 122,217 | \$ 122,217 | \$ 623,085 | \$ 1,226,170 |
| NET FUNDING REQUESTED | | | | \$ 1,309,777 | \$ 946,000 | \$ 818,000 | \$ 743,000 | \$ 718,000 | \$ 3,721,000 | \$ 8,255,777 |
| Base Program | | | | | | | | | | |
| Dedicated Funds | | | | | | | | | | |
| New Initiatives | | | | | | | | | | |
| External Funding | | | | | | | | | | |

City of North Vancouver Engineering Department
10 Year - Capital Plan
2016 - 2026

To be noted:
 * The 10 Year Plan reflects the current forecast for project budget year and provides a basis for year to year funding.
 * Projects of similar value may be transferred between years and the scope and priority of projects may change.
 * Operational issues, development needs and technological changes may effect the 10 Year Plan from year to year.

WATER UTILITY

| Identifier | Studies | Description | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 10 year Budget |
|---|---|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Water | Ongoing Water Studies | Leak Detection, Record keeping/As Built | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | \$500,000 |
| Identifier | Ongoing Capital Programs | Description | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 10 year |
| Water | Ongoing City Wide Water Programs | Valve Refit, Cross Connection, Commercial Meters, PRV Renew, Hydrant Install, Sampling Stn., Meter Replacement, Connections, Connection Replacement, New Meters, Water Conserv. | 686,500 | 686,500 | 686,500 | 686,500 | 686,500 | 686,500 | 686,500 | 686,500 | 686,500 | 686,500 | \$6,865,000 |
| Identifier | Equipment | Description | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 10 year |
| Water | Yearly Water Equipment | Small tools and Equipment | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | \$60,000 |
| Identifier | Capital Project Locations | Description | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 10 year Budget |
| W 1 | Brooksbank: North of Cotton Dr. | Water Main Replacement | 350,000 | | | | | | | | | | \$350,000 |
| W 2 | 29th and Regent to 793 East 29th St. | Water Main Replacement | 470,000 | | | | | | | | | | \$470,000 |
| W 3 | 4th Street-Heywood to Kenard upsize | Water Main Replacement | 150,000 | | | | | | | | | | \$150,000 |
| W 4 | 200 Block East 10th St. | Water Main Replacement | 250,000 | | | | | | | | | | \$250,000 |
| W 5 | New Tidemark/Advantage Software | Transfer to Computer Equipment Reserve | 100,000 | | | | | | | | | | \$100,000 |
| W 6 | 200/300 W 28th St. | Water Main Replacement | | 500,000 | | | | | | | | | \$500,000 |
| W 7 | 500 Block Brand St. | Water Main Replacement | | 200,000 | | | | | | | | | \$200,000 |
| W 8 | 17th and Wolfe looping | Water Main Replacement | | 300,000 | | | | | | | | | \$300,000 |
| W 9 | St. Georges Ave:13th Street to 15th Street | Water Main Replacement | | 300,000 | | | | | | | | | \$300,000 |
| W 10 | 400 Block West 28th St. | Water Main Replacement | | | 250,000 | | | | | | | | \$250,000 |
| W 11 | 1000 Heywood | Water Main Replacement | | | 200,000 | | | | | | | | \$200,000 |
| W 12 | Gladstone Ave. | Water Main Replacement | | | 250,000 | | | | | | | | \$250,000 |
| W 13 | 300/400 Tempe Crescent. | Water Main Replacement | | | 400,000 | | | | | | | | \$400,000 |
| W 14 | 3rd: Lonsdale Ave. Ave. to St. Georges Ave. | Water Main Replacement | | | | 330,000 | | | | | | | \$330,000 |
| W 15 | 3rd: St. Georges Ave. to St. Patricks Ave. | Water Main Replacement | | | | 600,000 | | | | | | | \$600,000 |
| W 16 | 3rd: St. Patricks Ave. to St. Davids Ave. | Water Main Replacement | | | | 300,000 | | | | | | | \$300,000 |
| W 17 | 1300/1400 Grand Blvd. East | Water Main Replacement | | | | | 250,000 | | | | | | \$250,000 |
| W 18 | 1600/1700 Grand Blvd. | Water Main Replacement | | | | | 300,000 | | | | | | \$300,000 |
| W 19 | 2300 Western Avenue | Water Main Replacement | | | | | 250,000 | | | | | | \$250,000 |
| W 20 | 1800 Grand Blvd. | Water Main Replacement | | | | | | 160,000 | | | | | \$160,000 |
| W 21 | 3rd Street:Donaughy Ave.- Hanes Ave. | Water Main Replacement | | | | | | 170,000 | | | | | \$170,000 |
| W 22 | 100 Block Fell Ave | Water Main Replacement | | | | | | 240,000 | | | | | \$240,000 |
| W 23 | 300 Block W 20th St. | Water Main Replacement | | | | | | | 265,000 | | | | \$265,000 |
| W 24 | 200/300 West 1st St. | Water Main Replacement | | | | | | | | 500,000 | | | \$500,000 |
| W 25 | Forbes Ave. 1st to 3rd St. | Water Main Replacement | | | | | | | | | 500,000 | | \$500,000 |
| W 26 | 3rd:Mahon Ave. to Lonsdale Ave. | Water Main Replacement | | | | | | | | | | 700,000 | \$700,000 |
| Projects Total: | | | \$1,320,000 | \$1,300,000 | \$1,100,000 | \$1,230,000 | \$800,000 | \$570,000 | \$265,000 | \$500,000 | \$500,000 | \$700,000 | \$8,285,000 |
| Studies, Programs, Equipment and Projects Total: | | | \$2,062,500 | \$2,042,500 | \$1,842,500 | \$1,972,500 | \$1,542,500 | \$1,312,500 | \$1,007,500 | \$1,242,500 | \$1,242,500 | \$1,442,500 | \$15,710,000 |

City of North Vancouver Engineering Department
10 Year - Capital Plan
2016 - 2025

To be noted:
 * The **10 Year Plan** reflects the current forecast for project budget year and provides a basis for year to year funding.
 * Projects of similar value may be transferred between years and the scope and priority of projects may change.
 * Operational issues, development needs and technological changes may effect the 10 Year Plan from year to year.

SEWERAGE COMPONENT
Sewerage and Drainage Utility

| Identifier | Studies | Description | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 10 year Budget |
|---|--|--|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Sewerage | Ongoing Sanitary Studies | Sanitary Model Update, Record Keeping/As Built Project | 45,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | \$495,000 |
| Identifier | Ongoing Capital Programs | Description | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 10 year |
| Sewerage | Ongoing City Wide Sewerage Programs | Spot Repairs, Manhole Upgrading, Mainline Grouting IC & Connection Rehabilitation | 25,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | \$475,000 |
| Identifier | Equipment | Description | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 10 year |
| Sew/Drge | Yearly Sewerage/Drainage Equipment | Small Tools and Equipment | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | \$60,000 |
| Identifier | Capital Project Locations | Description | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 10 year Budget |
| SE 1 | 19th Street to Keith Road: Lonsdale to Forbes | Catchment Area Condition Assessment: Trenchless Options | 250,000 | | | | | | | | | | \$250,000 |
| | | Sanitary Reserve for New treatment Plant Funding | 600,000 | | | | | | | | | | \$600,000 |
| | New Tidemark/Advantage Software | Transfer to Computer Equipment Reserve | 100,000 | | | | | | | | | | \$100,000 |
| SE 2 | 15th Street to 11th Street: Lonsdale to West Blvd. | Catchment Area Condition Assessment: Trenchless Options | | 450,000 | | | | | | | | | \$450,000 |
| | | Sanitary Reserve for New treatment Plant Funding | | 300,000 | | | | | | | | | \$300,000 |
| SE 3 | Keith Road to 19th Street: East of Grand Blvd. | Catchment Area Condition Assessment: Trenchless Options | | | 450,000 | | | | | | | | \$450,000 |
| | | Sanitary Reserve for New treatment Plant Funding | | | 300,000 | | | | | | | | \$300,000 |
| SE 4 | 19th Street to 15th Street: Lonsdale to West Blvd | Catchment Area Condition Assessment: Trenchless Options | | | | 450,000 | | | | | | | \$450,000 |
| | | Sanitary Reserve for New treatment Plant Funding | | | | 300,000 | | | | | | | \$300,000 |
| SE 5 | 19th Street to 24th Street: Lonsdale to West Blvd | Catchment Area Condition Assessment: Trenchless Options | | | | | 450,000 | | | | | | \$450,000 |
| | | Sanitary Reserve for New treatment Plant Funding | | | | | 300,000 | | | | | | \$300,000 |
| SE 6 | 19th Street to 24th Street: Lonsdale to Jones Ave. | Catchment Area Condition Assessment: Trenchless Options | | | | | | 450,000 | | | | | \$450,000 |
| | | Sanitary Reserve for New treatment Plant Funding | | | | | | 300,000 | | | | | \$300,000 |
| SE 7 | 14th Street to 24th Street-Larson to Westview Dr. | Catchment Area Condition Assessment: Trenchless Options | | | | | | | 500,000 | | | | \$500,000 |
| SE 8 | Lonsdale to Westview Dr.-North of Highway | Catchment Area Condition Assessment: Trenchless Options | | | | | | | | 500,000 | | | \$500,000 |
| SE 9 | Lonsdale to City Boundary-North of Highway | Catchment Area Condition Assessment: Trenchless Options | | | | | | | | | 500,000 | | \$500,000 |
| SE 10 | Fell Ave. to Hamilton Ave. Marine Dr. to 23rd St. | Catchment Area Condition Assessment: Trenchless Options | | | | | | | | | | 500,000 | \$500,000 |
| SE 11 | Mackay Ave: 22nd Street to 1st Street | Catchment Area Condition Assessment: Trenchless Options | | | | | | | | | | | \$0 |
| Projects Total: | | | \$950,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$750,000 | \$500,000 | \$500,000 | \$500,000 | \$500,000 | \$6,700,000 |
| Studies, Programs, Equipment and Projects Total: | | | \$1,026,000 | \$856,000 | \$856,000 | \$856,000 | \$856,000 | \$856,000 | \$606,000 | \$606,000 | \$606,000 | \$606,000 | \$7,730,000 |

City of North Vancouver Engineering Department

10 Year - Capital Plan

2016 - 2026

DRAINAGE COMPONENT

Sewerage and Drainage Utility

To be noted:
 * The **10 Year Plan** reflects the current forecast for project budget year and provides a basis for year to year funding.
 * Projects of similar value may be transferred between years and the scope and priority of projects may change.
 * Operational issues, development needs and technological changes may effect the 10 Year Plan from year to year.

| Identifier | Studies | Description | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 10 year Budget |
|---|---------------------------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Drainage | Ongoing Studies | Integrated Storm Water Management Plan Record Keeping/ As Built Project | 70,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | \$520,000 |
| Identifier | Ongoing Capital Programs | Description | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 10 year |
| Drainage | Ongoing City Wide Drainage Programs | Catch Basin Replacement, Connections, Storm Main Infills Back of Walk Replacements | 190,000 | 215,000 | 215,000 | 215,000 | 215,000 | 215,000 | 215,000 | 215,000 | 215,000 | 215,000 | \$2,125,000 |
| Identifier | Equipment | Description | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 10 year |
| Sew/Drge. | Yearly Sewerage/Drainage Equipment | *In Sewerage Utility | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Identifier | Capital Project Locations | Description | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 10 year Budget |
| D 1 | 400/500 Blk E Keith Rd. | Storm Sewer Install | 175,000 | | | | | | | | | | \$175,000 |
| D 2 | 100 Blk Bewicke Ave. | Culvert Replacement-top up for Project 55034 | 100,000 | | | | | | | | | | \$100,000 |
| D 3 | Marine Dr. Mosquito and MacKay Creeks | Storm Sewer Upgrade and Replacement | | 250,000 | | | | | | | | | \$250,000 |
| D 4 | Keith Road: Wagg Creek Outfall | Aquatic Habitat Protection and Enhancement | | | 200,000 | | | | | | | | \$200,000 |
| D 5 | Creek Management - Storm BMPs | Aquatic Habitat Protection and Enhancement | | | | 200,000 | | | | | | | \$200,000 |
| D 6 | Larson Road: Mission Creek Culvert | Culvert Replacement (KWL) | | | | | 220,000 | | | | | | \$220,000 |
| D 7 | 22nd Street: Wagg Creek Outfall | Storm Interceptor for Creek Outfall | | | | | | 150,000 | | | | | \$150,000 |
| D 8 | Forbes: Esplanade to 2nd Street | Storm Upgrade for 10 year event management | | | | | | | 220,000 | | | | \$220,000 |
| D 9 | Casano & 21st Street: Keith Creek | Intake Structure Replacement | | | | | | | | 230,000 | | | \$230,000 |
| D 10 | Forbes Outfall | Settling Chamber Construction | | | | | | | | | 150,000 | | \$150,000 |
| D 11 | Creek Management - Storm BMPs | Aquatic Habitat Protection and Enhancement | | | | | | | | | | 125,000 | \$125,000 |
| D 12 | Infrastructure Management | Storm Sewer Upgrade and Replacement | | | | | | | | | | | \$0 |
| D 13 | Environmental Enhancement | Area Reduction, Fish Passage and Pilot Projects | | | | | | | | | | | \$0 |
| D 14 | Environmental Enhancement | Area Reduction, Fish Passage and Pilot Projects | | | | | | | | | | | \$0 |
| Projects Total: | | | \$275,000 | \$250,000 | \$200,000 | \$200,000 | \$220,000 | \$150,000 | \$220,000 | \$230,000 | \$150,000 | \$125,000 | \$2,020,000 |
| Studies, Programs, Equipment and Projects Total: | | | \$535,000 | \$515,000 | \$465,000 | \$465,000 | \$485,000 | \$415,000 | \$485,000 | \$495,000 | \$415,000 | \$390,000 | \$4,665,000 |

2016-2025 PROJECT PLAN

RESERVES AND OTHER FUNDING

Average for the Year 3.35% 3.35% 3.35% 3.35% 3.35%

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|
| Tax Levy | \$ 7,565,000 | \$ 7,965,000 | \$ 8,365,000 | \$ 8,765,000 | \$ 9,165,000 | \$ 51,825,000 | \$ 93,650,000 |
| Total Available | \$ 7,565,000 | \$ 7,965,000 | \$ 8,365,000 | \$ 8,765,000 | \$ 9,165,000 | \$ 51,825,000 | \$ 93,650,000 |
| Allocated to : | | | | | | | |
| Tax Sale Land | | | | | | - | - |
| Civic Amenity | 1,650,000 | 1,650,000 | 1,650,000 | 1,650,000 | 1,650,000 | 8,250,000 | 16,500,000 |
| General Building | | | | | | - | - |
| General Equipment | | | | | | - | - |
| Fire Equipment | 890,000 | 350,000 | 350,000 | 350,000 | 350,000 | 1,750,000 | 4,040,000 |
| Computer Equipment | | | | | | - | - |
| Infrastructure | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 | 1,125,000 | 2,250,000 |
| Public Art | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 425,000 | 850,000 |
| Affordable Housing | | | | | | - | - |
| Sustainable Transportation | 87,500 | 87,500 | 87,500 | 87,500 | 87,500 | 437,500 | 875,000 |
| Carbon Fund | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 325,000 | 650,000 |
| Total to Reserves | 3,002,500 | 2,462,500 | 2,462,500 | 2,462,500 | 2,462,500 | 12,312,500 | 25,165,000 |
| Transfer to Annual Budget | \$ 4,562,500 | \$ 5,502,500 | \$ 5,902,500 | \$ 6,302,500 | \$ 6,702,500 | \$ 39,512,500 | \$ 68,485,000 |

ANNUAL BUDGET - Direct Transfer to Capital

Each year an amount is transferred from the annual budget to fund various capital projects. These funds are unrestricted and can be used for any capital project. Approximately 13% of the City's annual tax levy is transferred to capital projects or to fund capital reserves.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|
| Current Transfer | \$ 4,562,500 | \$ 5,502,500 | \$ 5,902,500 | \$ 6,302,500 | \$ 6,702,500 | \$ 39,512,500 | \$ 68,485,000 |
| Opening Balance | 149,752 | 843,804 | | | | | 149,752 |
| Closed Projects | 719,356 | | | | | | 719,356 |
| Available Balance | \$ 5,431,608 | \$ 6,346,304 | \$ 5,902,500 | \$ 6,302,500 | \$ 6,702,500 | \$ 39,512,500 | \$ 69,354,108 |
| Withdrawals | | | | | | | |
| Base | | | | | | | |
| Buildings | | | | | | | |
| Capital Maintenance | 406,386 | 249,474 | 443,054 | 52,717 | | 1,398,015 | 2,549,646 |
| Major Renovation | | | | | | 1,070,000 | 1,070,000 |
| Structures | | | | | | | |
| Streets & Traffic | 2,291,453 | 2,541,470 | 3,292,283 | 3,594,899 | 5,164,383 | 27,629,115 | 44,513,603 |
| Parks & Environment | 571,750 | 746,750 | 676,750 | 976,750 | 226,750 | 2,703,750 | 5,902,500 |
| Cemetery | | | | | | - | - |
| Public Art | | | | | | - | - |
| Equipment | | | | | | | |
| Over \$10,000 | | | | | | | |
| General & Recreation | 225,336 | 217,610 | 158,350 | 288,350 | 175,950 | 1,323,900 | 2,389,496 |
| Computer | 223,368 | 1,500,000 | 519,063 | 696,784 | 467,417 | 643,302 | 4,049,934 |
| Fire | | - | | | | 1,348,418 | 1,348,418 |
| Engineering | 125,000 | 195,000 | 45,000 | | | - | 365,000 |
| One-time studies/projects | 123,511 | 210,000 | 100,000 | | | 35,000 | 468,511 |
| Ongoing Programs | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 | 500,000 |
| Block Funds | 571,000 | 636,000 | 618,000 | 643,000 | 618,000 | 3,111,000 | 6,197,000 |
| Total Expended | \$ 4,587,804 | \$ 6,346,304 | \$ 5,902,500 | \$ 6,302,500 | \$ 6,702,500 | \$ 39,512,500 | \$ 69,354,108 |
| Closing Balance | \$ 843,804 | \$ 0 | \$ - | \$ - | \$ - | \$ 0 | \$ 1 |

2016-2025 PROJECT PLAN

RESERVES AND OTHER FUNDING

TAX SALE LAND Principal

The Tax Sale Lands Fund is made up of the proceeds of sale of all lands sold by the City which originally became City property through non-payment of taxes. Most of this land came to the City in the 1930's, during the Great Depression. The balance in the Tax Sale Land reserve is used to invest in projects that have a prospective rate of return equal to or greater than the City's benchmark rate of return; to invest in infrastructure and land management, in order to enhance the marketability and increase the value of marketed lands, or to invest in the purchase of land assets to be held by the City. By long-standing Council policy, Tax Sale Land principal is not used to fund depreciable assets such as civic buildings, infrastructure or equipment.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Opening Balance (unappropriated) | \$ 25,545,286 | \$ 19,568,824 | \$ 46,669,784 | \$ 49,719,784 | \$ 53,369,784 | \$ 54,819,784 | \$ 25,545,286 |
| Closed Projects | 398,538 | | | | | | 398,538 |
| Inflation Buffer | - | - | - | - | - | - | - |
| Loan repayments: | | | | | | | |
| -AT Field User Fee rpmt | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 | 500,000 |
| -Lonsdale Energy Corporation | | | | | | | - |
| -City Hall Renovation Phase I | | | | | | | - |
| Proceeds of Sale: | | | | | | | |
| -Land Sales - LL | - | 25,304,000 | - | - | - | - | 25,304,000 |
| -Land Sales - other | - | 2,000,000 | 2,000,000 | - | - | - | 4,000,000 |
| Loans/Transfers | | | | | | | |
| -Transfer from CEF | - | - | 1,000,000 | 3,600,000 | 1,400,000 | - | 6,000,000 |
| -Transfer from General Buildings | | | | | | | - |
| Available Balance | \$ 25,993,824 | \$ 46,922,824 | \$ 49,719,784 | \$ 53,369,784 | \$ 54,819,784 | \$ 55,069,784 | \$ 61,747,824 |
| -Purchases | | | | | | | |
| Strategic Land Purchase | 3,500,000 | | | | | | 3,500,000 |
| Other Sites | - | | | | | | - |
| | \$ 3,500,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 3,500,000 |
| -Grants/Transfers | | | | | | | |
| -Lonsdale Energy Corporation | | | | | | | - |
| -Transfer to General Buildings | | | | | | | - |
| -Transfer to CEF | | | | | | | - |
| -Transfer to Public Art | - | 253,040 | - | - | - | - | 253,040 |
| | \$ - | \$ 253,040 | \$ - | \$ - | \$ - | \$ - | \$ 253,040 |
| -Other Withdrawals - Capital Funding | | | | | | | |
| Central Waterfront Capital Project Provision | 2,925,000 | | | | | | 2,925,000 |
| | | | | | | | - |
| | | | | | | | - |
| | | | | | | | - |
| | \$ 2,925,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,925,000 |
| Total Expenditures | \$ 6,425,000 | \$ 253,040 | \$ - | \$ - | \$ - | \$ - | \$ 6,678,040 |
| Closing Balance | \$ 19,568,824 | \$ 46,669,784 | \$ 49,719,784 | \$ 53,369,784 | \$ 54,819,784 | \$ 55,069,784 | \$ 55,069,784 |

TAX SALE LANDS interest

The previous year's earned interest of the Tax Sales Land reserve is unrestricted and is used to fund various projects. Along with the Annual Budget tax levy, this is the major unrestricted source that the City has for funding capital projects.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|----------------------------------|---------------------|-------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| Opening Balance | \$ 1,152,224 | \$ 755,661 | \$ 1,109,497 | \$ 1,614,525 | \$ 1,726,750 | \$ 9,171,426 | \$ 15,530,084 |
| Completed Projects | 45,982 | | | | | | 45,982 |
| Unused 2015 Block Funding | 236,567 | | | | | | 236,567 |
| Available Balance | 1,434,773 | 755,661 | 1,109,497 | 1,614,525 | 1,726,750 | 9,171,426 | 15,812,633 |
| Withdrawals | | | | | | | |
| One-time studies/projects | | | | | | | |
| Parks | | | | | | | - |
| General | | | | | | | - |
| | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Buildings | | | | | | | |
| Capital Maintenance | | 755,661 | 975,812 | 788,209 | 333,465 | 977,332 | 3,830,479 |
| Major Renovation | 375,000 | | | | | | 375,000 |
| New Child Care Facility | 40,677 | | | | | | 40,677 |
| | \$ 415,677 | \$ 755,661 | \$ 975,812 | \$ 788,209 | \$ 333,465 | \$ 977,332 | \$ 4,246,156 |
| Structures | | | | | | | |
| Streets & Traffic | | | | | | 5,457,664 | 5,457,664 |
| Parks & Environment | | | | | | | - |
| Cemetery | | | | | | | - |
| | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,457,664 | \$ 5,457,664 |
| Equipment | | | | | | | |
| General & Recreation | | | | | | | - |
| Computer | 504,807 | | 133,685 | 826,316 | 1,393,285 | 2,736,429 | 5,594,522 |
| Fire | 85,000 | | | | | | 85,000 |
| Public Art | | | | | | | - |
| One-time studies/projects | 429,289 | | | | | | 429,289 |
| | \$ 1,019,096 | \$ - | \$ 133,685 | \$ 826,316 | \$ 1,393,285 | \$ 2,736,429 | \$ 6,108,811 |
| Total Expended | \$ 1,434,773 | \$ 755,661 | \$ 1,109,497 | \$ 1,614,525 | \$ 1,726,750 | \$ 9,171,425 | \$ 15,812,631 |
| Closing Balance | \$ (0) | \$ 0 | \$ (0) | \$ 0 | \$ 0 | \$ 1 | \$ 2 |

2016-2025 PROJECT PLAN

RESERVES AND OTHER FUNDING

CIVIC AMENITY

The City also owns land that was acquired through purchase, i.e., not through tax defaults. Such property is considered as being a non-Tax Sale land property. The proceeds of sale are placed in the City Amenity fund. The CAF is specifically dedicated to fund capital projects which will enhance the use and enjoyment of the City by members of the public, such as parks, recreation centers, libraries, plazas, and other community amenities. In 2013, Council approved a 1% tax rate increase to be set aside for the Harry Jerome Recreation Centre project. This provided \$400,000 in annual funding for this purpose. Council approved similar increases in 2014 and 2015, bringing the annual amount set aside for the Harry Jerome Recreation Centre to \$1.2 million.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--|----------------------|----------------------|----------------------|----------------------|---------------------|----------------------|----------------------|
| Opening Balance | \$ 16,980,518 | \$ 978,320 | \$ 5,730,684 | \$ 8,804,995 | \$ 9,418,539 | \$ 8,605,736 | \$ 16,980,518 |
| Completed Projects | | | | | | | - |
| Early Appropriations | | | | | | | - |
| Contributions: | | | | | | | - |
| - Amenity Levy | 1,650,000 | 1,650,000 | 1,650,000 | 1,650,000 | 1,650,000 | 8,250,000 | 16,500,000 |
| - Land sales - Lower Lonsdale | - | 11,005,000 | 625,000 | - | - | - | 11,630,000 |
| - Land sales - Other | - | 1,000,000 | 3,100,000 | 3,600,000 | - | - | 7,700,000 |
| - Centennial Seat Surcharge | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 175,000 | 350,000 |
| Transfer to TSL Principal | - | - | (1,000,000) | (3,600,000) | (1,400,000) | - | (6,000,000) |
| Interest for the year | 40,593 | 197,264 | 287,586 | 305,294 | 278,947 | 1,796,204 | 2,905,888 |
| Available Balance | \$ 18,706,111 | \$ 14,865,584 | \$ 10,428,270 | \$ 10,795,289 | \$ 9,982,486 | \$ 18,826,940 | \$ 50,066,406 |
| Withdrawals | | | | | | | |
| Harry Jerome | 11,350,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 6,000,000 | 22,150,000 |
| Greenways | 1,429,150 | 489,850 | 356,025 | 176,750 | 176,750 | - | 2,628,525 |
| Foot of Lonsdale Open Space | 1,569,641 | - | - | - | - | - | 1,569,641 |
| Moodyville Park | - | 2,400,000 | - | - | - | - | 2,400,000 |
| Shipyards Public Realm | - | 120,000 | - | - | - | - | 120,000 |
| The Shipyards - Lot 4 Building Start-Up and Provisioning | 400,000 | 100,000 | - | - | - | - | 500,000 |
| Central Waterfront Capital Project Provision | - | 4,000,000 | - | - | - | - | 4,000,000 |
| Electrical Building - Burrard Dry Dock Pier | 50,000 | 250,000 | - | - | - | - | 300,000 |
| Lonsdale Quay Waterfront Walk | - | 220,000 | - | - | - | - | 220,000 |
| New Museum Facility | 2,655,000 | - | - | - | - | - | 2,655,000 |
| Central Waterfront - Project Coordination and Oversight | 274,000 | 245,000 | 61,000 | - | - | - | 580,000 |
| 1% of LL Land Sales to Public Art | - | 110,050 | 6,250 | - | - | - | 116,300 |
| Total Expended | 17,727,791 | 9,134,900 | 1,623,275 | 1,376,750 | 1,376,750 | 6,000,000 | 37,239,466 |
| Closing Balance | \$ 978,320 | \$ 5,730,684 | \$ 8,804,995 | \$ 9,418,539 | \$ 8,605,736 | \$ 12,826,940 | \$ 12,826,940 |

LOWER LONSDALE AMENITY

The LLAF was originally created to set aside funds from non-Tax Sale land or density transfer in Lower Lonsdale. Funding from this source was to be used with respect to capital projects in the Lower Lonsdale area relating to the provision of affordable and adaptable rental housing, a community arts gallery, a photographic and media arts gallery, a museum, a 150-200 seat theatre, a multi-purpose activity centre, and other Lower Lonsdale amenities. In 2011, Council adopted a bylaw that requires all land sales to be consolidated into one reserve, the Civic Amenity Reserve Fund. While no new funding will be set aside in the LLAF, funds that are in place will be used toward the construction of Lower Lonsdale amenities as it was originally intended.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|---------------------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|---------------------|
| Opening Balance | \$ 2,203,105 | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ 2,203,105 |
| Early Appropriations | | | | | | | - |
| Contributions: | | | | | | | - |
| - LL Non-TSL Sales | | | | | | | - |
| - Transfer from CEF | | | | | | | - |
| - Other | | | | | | | - |
| - Completed Projects | 77,253 | - | - | - | - | - | 77,253 |
| Interest for the year | (0) | (0) | (0) | (0) | (0) | (0) | (0) |
| Available Balance | \$ 2,280,359 | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ 2,280,359 |
| Withdrawals | | | | | | | |
| Shipyards Public Realm | - | - | - | - | - | - | - |
| Relocation Presentation House Gallery | 1,600,000 | - | - | - | - | - | 1,600,000 |
| PGE Station | 400,000 | - | - | - | - | - | 400,000 |
| Foot of Lonsdale Open Space | 280,359 | - | - | - | - | - | 280,359 |
| Total Expended | 2,280,359 | \$ - | \$ - | \$ - | \$ - | \$ - | 2,280,359 |
| Closing Balance | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) |

MARINE DRIVE AMENITY

This reserve originally aimed to set aside proceeds from land sales of non-Tax Sale properties in the Marine Drive area for the purpose of funding projects in the area. In 2011, Council adopted a bylaw that requires all land sales to be consolidated into one reserve, the Civic Amenity Reserve Fund. While no new funding will be set aside in this reserve, funds that are in place will be used toward projects in the Marine Drive area.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Opening Balance | \$ 317,027 | \$ 327,648 | \$ 338,624 | \$ 349,968 | \$ 361,692 | \$ 373,809 | \$ 317,027 |
| Contributions: | | | | | | | - |
| Interest for the year | 10,620 | 10,976 | 11,344 | 11,724 | 12,117 | 66,951 | 123,732 |
| Available Balance | \$ 327,648 | \$ 338,624 | \$ 349,968 | \$ 361,692 | \$ 373,809 | \$ 440,759 | \$ 440,759 |
| Withdrawals | | | | | | | |
| Closing Balance | \$ 327,648 | \$ 338,624 | \$ 349,968 | \$ 361,692 | \$ 373,809 | \$ 440,759 | \$ 440,759 |

2016-2025 PROJECT PLAN

RESERVES AND OTHER FUNDING

GENERAL BUILDING

The General Building Reserve is used for capital building maintenance, renovation, and building replacement. The City owns in excess of \$100m in buildings. The GB reserve was established in 1995 to begin the process of setting aside sufficient funds to replace these buildings as required.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------------|
| Opening Balance | \$ 67,547 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 67,547 |
| Early Appropriations | | | | | | | - |
| Contributions: | | | | | | | |
| - Budgeted | - | - | - | - | - | - | - |
| NVRC Surplus | | | | | | | - |
| Completed projects | 848,167 | | | | | | 848,167 |
| Interest for the year | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Available Balance | \$ 915,714 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 915,714 |
| Withdrawals | | | | | | | |
| Capital maintenance | 915,714 | | | | | | 915,714 |
| Major renovation | | | | | | | - |
| Transfer to TSL | | | | | | | - |
| Total Expended | 915,714 | - | - | - | - | - | 915,714 |
| Closing Balance | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 | \$ 0 |

JUSTICE ADMINISTRATION BUILDING

The Justice Administration Building Reserve is used for capital building maintenance, renovation, and replacement of the Gerry Brewer Building. Because the Justice Administration (Gerry Brewer) Building is co-owned with the District of North Vancouver, it has its own replacement reserve.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| Opening Balance | \$ 63,836 | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ 63,836 |
| Early Appropriations | | | | | | | - |
| Contributions: | | | | | | | |
| - Budgeted | - | - | - | - | - | - | - |
| Completed projects | 63,293 | | | | | | 63,293 |
| Interest for the year | (0) | (0) | (0) | (0) | (0) | (0) | (0) |
| Available Balance | \$ 127,129 | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ 127,129 |
| Withdrawals | | | | | | | |
| Capital maintenance | 127,129 | | | | | | 127,129 |
| Major renovation | - | | | | | | - |
| Transfer to TSL | | | | | | | - |
| Total Expended | 127,129 | - | - | - | - | - | 127,129 |
| Closing Balance | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) |

INFRASTRUCTURE

The Infrastructure Reserve funds engineering infrastructure replacement projects such as those included in the category "Structures". A long term goal for the fund would be to more closely match the amount transferred each year to this reserve from the annual budget with the City's infrastructure maintenance requirements. This would be achievable only over many years, because the value of the required infrastructure reinvestment is high.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|-----------------------------------|---------------------|-------------------|-------------------|---------------------|---------------------|---------------------|---------------------|
| Opening Balance | \$ 890,110 | \$ 232,537 | \$ 472,865 | \$ 721,243 | \$ 977,942 | \$ 1,243,241 | \$ 890,110 |
| Gas Tax | 187,587 | 187,587 | 187,587 | 187,587 | 187,587 | 937,935 | 1,875,870 |
| Closed Projects | 15,855 | | | | | | 15,855 |
| Contributions: | | | | | | | |
| - Budgeted | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 | 1,125,000 | 2,250,000 |
| - Transfer from operating | | | | | | | - |
| - Affordable Housing Re-direction | | | | | | | - |
| Interest for the year | 7,537 | 15,327 | 23,378 | 31,699 | 40,299 | 340,912 | 459,153 |
| Available Balance | \$ 1,326,089 | \$ 660,452 | \$ 908,830 | \$ 1,165,529 | \$ 1,430,828 | \$ 3,647,087 | \$ 5,490,987 |
| Withdrawals | | | | | | | |
| Streets & Traffic | 1,093,552 | 187,587 | 187,587 | 187,587 | 187,587 | 937,935 | 2,781,835 |
| Parks & Environment | | | | | | | - |
| Total Expended | 1,093,552 | 187,587 | 187,587 | 187,587 | 187,587 | 937,935 | 2,781,835 |
| Closing Balance | \$ 232,537 | \$ 472,865 | \$ 721,243 | \$ 977,942 | \$ 1,243,241 | \$ 2,709,152 | \$ 2,709,152 |

2016-2025 PROJECT PLAN

RESERVES AND OTHER FUNDING

GENERAL EQUIPMENT

Used for general equipment and machinery replacement including office equipment, and pool and bylaw vehicles.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|-----------|----------|----------|----------|----------|-----------|------------|
| Opening Balance | \$ 5,049 | \$ (0) | \$ (0) | \$ (1) | \$ (1) | \$ (1) | \$ 5,049 |
| Completed Projects | 65,064 | | | | | | 65,064 |
| Contributions: | | | | | | | |
| - Budgeted | - | - | - | - | - | - | - |
| - Eq. Sales proceeds | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 25,000 | 50,000 |
| Interest for the year | (0) | (0) | (0) | (0) | (0) | (0) | (0) |
| Available Balance | \$ 75,114 | \$ 5,000 | \$ 4,999 | \$ 4,999 | \$ 4,999 | \$ 24,999 | \$ 120,113 |
| Withdrawals | | | | | | | |
| General | 75,114 | 5,000 | 5,000 | 5,000 | 5,000 | 25,000 | 120,114 |
| Block Funding | | | | | | | |
| Projects | | | | | | | |
| Total Expended | 75,114 | 5,000 | 5,000 | 5,000 | 5,000 | 25,000 | 120,114 |
| Closing Balance | \$ (0) | \$ (0) | \$ (1) | \$ (1) | \$ (1) | \$ (1) | \$ (1) |

FIRE EQUIPMENT

Used for fire equipment, and replacement and upgrades.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|--------------|------------|------------|------------|------------|--------------|--------------|
| Opening Balance | \$ 10,933 | \$ 11,299 | \$ 1,343 | \$ 187,418 | \$ 353,889 | \$ 107,369 | \$ 10,933 |
| Closed projects | 100,000 | | | | | | 100,000 |
| Contributions: | | | | | | | |
| - Budgeted | 890,000 | 350,000 | 350,000 | 350,000 | 350,000 | 1,750,000 | 4,040,000 |
| Expiring Bylaw | - | | | | | | - |
| Interest for the year | 366 | 44 | 6,075 | 11,471 | 3,480 | 37,463 | 58,899 |
| Available Balance | \$ 1,001,299 | \$ 361,343 | \$ 357,418 | \$ 548,889 | \$ 707,369 | \$ 1,894,833 | \$ 4,209,833 |
| Withdrawals | | | | | | | |
| Vehicles | 990,000 | 360,000 | 170,000 | 195,000 | 600,000 | 1,241,582 | 3,556,582 |
| Block Funds | | | | | | | |
| Closing Balance | \$ 11,299 | \$ 1,343 | \$ 187,418 | \$ 353,889 | \$ 107,369 | \$ 653,251 | \$ 653,251 |

COMPUTER EQUIPMENT

Used for computer equipment replacement and upgrades.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------------------|--------------|--------|--------|--------|--------|-----------|--------------|
| Opening Balance | \$ 224,214 | \$ (0) | \$ (0) | \$ (0) | \$ (1) | \$ (1) | \$ 224,214 |
| Closed Projects | 42 | | | | | | 42 |
| Contributions: | | | | | | | |
| -1% Levy | - | - | - | - | - | - | - |
| - Budgeted | | | | | | | |
| - 2015 Surplus from Building Permits | 1,075,744 | | | | | | 1,075,744 |
| - Transfer from Utilities | 200,000 | | | | | | 200,000 |
| Interest for the year | (0) | (0) | (0) | (0) | (0) | (0) | (0) |
| Available Balance | \$ 1,500,000 | \$ (0) | \$ (0) | \$ (1) | \$ (1) | \$ (1) | \$ 1,499,999 |
| Withdrawals | | | | | | | |
| Block Funds | | | | | | | |
| General | 1,500,000 | | | | | | 1,500,000 |
| Closing Balance | \$ (0) | \$ (0) | \$ (0) | \$ (1) | \$ (1) | \$ (1) | \$ (1) |

ENGINEERING EQUIPMENT

Used for engineering equipment and vehicle replacement. Engineering has a fleet of several vehicles. Contributions to the Reserve are based on the hourly rates charged to the different projects and programs using the vehicles.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|
| Opening Balance | \$ 1,412,123 | \$ 1,821,262 | \$ 1,561,889 | \$ 921,768 | \$ 198,192 | \$ 432,201 | \$ 1,412,123 |
| Closed Projects | 35,105 | | | | | | 35,105 |
| Contributions: | | | | | | | |
| - Budgeted | 325,000 | 350,000 | 375,000 | 375,000 | 375,000 | 1,875,000 | 3,675,000 |
| - Eq. Sales proceeds | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 | 200,000 | 400,000 |
| Interest for the year | 59,035 | 50,627 | 29,878 | 6,424 | 14,009 | 75,608 | 235,582 |
| Available Balance | \$ 1,871,262 | \$ 2,261,889 | \$ 2,006,768 | \$ 1,343,192 | \$ 627,201 | \$ 2,582,810 | \$ 5,757,810 |
| Withdrawals | | | | | | | |
| Vehicles | - | 650,000 | 1,035,000 | 1,095,000 | 145,000 | 1,522,000 | 4,447,000 |
| Block Funding | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 | 500,000 |
| Closing Balance | \$ 1,821,262 | \$ 1,561,889 | \$ 921,768 | \$ 198,192 | \$ 432,201 | \$ 810,810 | \$ 810,810 |

2016-2025 PROJECT PLAN

RESERVES AND OTHER FUNDING

LOCAL AREA SERVICES

Local Area Services (LAS) Projects, formerly called Local Improvement Projects, are jointly funded by the City and the benefiting property owner. The Community Charter requires that LAS Reserve funds be used only to fund the city share of new local area services projects.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|-------------------------------|------------|-----------|-----------|-----------|-----------|-----------|------------|
| Opening Balance | \$ 391,371 | \$ 37,589 | \$ 38,848 | \$ 40,150 | \$ 41,495 | \$ 42,885 | \$ 391,371 |
| Contributions: | | | | | | | |
| - Levies from Property Owners | | | | | | | - |
| - Other | | | | | | | - |
| Interest for the year | 1,218 | 1,259 | 1,301 | 1,345 | 1,390 | 7,681 | 14,195 |
| Available Balance | \$ 392,589 | \$ 38,848 | \$ 40,150 | \$ 41,495 | \$ 42,885 | \$ 50,566 | \$ 405,566 |
| Withdrawals | | | | | | | |
| City Share of LAS Projects | 355,000 | - | - | - | - | - | 355,000 |
| Closing Balance | \$ 37,589 | \$ 38,848 | \$ 40,150 | \$ 41,495 | \$ 42,885 | \$ 50,566 | \$ 50,566 |

PARKING

This reserve has been funded from parking revenues from 1998-2002. Moneys in the fund and any interest thereon shall be expended for purchase, acquisition, construction, installation or improvement of new and existing on and off-street parking spaces.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|------------------------------------|------------|------------|------------|------------|------------|------------|------------|
| Opening Balance | \$ 526,276 | \$ 543,906 | \$ 458,777 | \$ 474,146 | \$ 490,030 | \$ 506,446 | \$ 526,276 |
| Contributions: | | | | | | | |
| - General Parking Operations | | | | | | | - |
| - Pay in lieu of Parking | | | | | | | - |
| Interest for the year | 17,630 | 14,871 | 15,369 | 15,884 | 16,416 | 10,110 | 90,280 |
| Available Balance | \$ 543,906 | \$ 558,777 | \$ 474,146 | \$ 490,030 | \$ 506,446 | \$ 516,556 | \$ 616,556 |
| Withdrawals | | | | | | | |
| Parking Projects Parks | - | - | - | - | - | - | - |
| Parking Projects Streets & Traffic | - | 100,000 | - | - | - | 450,000 | 550,000 |
| Total Expended | \$ - | \$ 100,000 | \$ - | \$ - | \$ - | \$ 450,000 | \$ 550,000 |
| Closing Balance | \$ 543,906 | \$ 458,777 | \$ 474,146 | \$ 490,030 | \$ 506,446 | \$ 66,556 | \$ 66,556 |

PARKS DCC

The Parks DCC fund can only be used to fund the purchase of parkland and certain specific parks improvements. DCC's in general are to be used to create capital works required due to growth, therefore the City plans to use these funds to provide parks and improvements in areas impacted by growth.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Opening Balance | \$ 20,643,654 | \$ 1,568,650 | \$ 1,409,177 | \$ 1,379,932 | \$ 1,531,318 | \$ 1,687,776 | \$ 20,643,654 |
| Contributions: | | | | | | | |
| - Budgeted | | | | | | | |
| - Levies | 275,000 | 275,000 | 275,000 | 275,000 | 275,000 | 1,375,000 | 2,750,000 |
| Interest for the year | 50,846 | 45,677 | 44,729 | 49,636 | 54,708 | 446,806 | 692,403 |
| Available Balance | \$ 20,969,500 | \$ 1,889,327 | \$ 1,728,907 | \$ 1,704,568 | \$ 1,861,026 | \$ 3,509,582 | \$ 24,086,057 |
| Withdrawals | | | | | | | |
| New Parks | 18,000,000 | - | - | - | - | - | 18,000,000 |
| Greenway Program | 1,400,850 | 480,150 | 348,975 | 173,250 | 173,250 | - | 2,576,475 |
| DCC Land Payment | | | | | | | - |
| Parks Projects | | | | | | | - |
| Total Expended | \$ 19,400,850 | \$ 480,150 | \$ 348,975 | \$ 173,250 | \$ 173,250 | \$ - | \$ 20,576,475 |
| Closing Balance | \$ 1,568,650 | \$ 1,409,177 | \$ 1,379,932 | \$ 1,531,318 | \$ 1,687,776 | \$ 3,509,582 | \$ 3,509,582 |

STREETS DCC

The Streets DCC Fund is used for a single street improvement attributable to growth, which was the construction of the Third Street connector. This project was financed using TSL principal funds, which are being repaid to the TSL through the Streets DCC.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|------------|-----------|------------|------------|------------|------------|------------|
| Opening Balance | \$ 257,316 | \$ 31,228 | \$ 94,284 | \$ 159,453 | \$ 226,804 | \$ 296,412 | \$ 257,316 |
| Levies | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 300,000 | 600,000 |
| Interest for the year | 1,012 | 3,056 | 5,169 | 7,352 | 9,608 | 84,620 | 110,816 |
| Available Balance | \$ 318,328 | \$ 94,284 | \$ 159,453 | \$ 226,804 | \$ 296,412 | \$ 681,032 | \$ 968,132 |
| Withdrawals | | | | | | | |
| General | 287,100 | | | | | | 287,100 |
| Closing Balance | \$ 31,228 | \$ 94,284 | \$ 159,453 | \$ 226,804 | \$ 296,412 | \$ 681,032 | \$ 681,032 |

2016-2025 PROJECT PLAN

RESERVES AND OTHER FUNDING

AFFORDABLE HOUSING

The Affordable Housing Reserve is funded by a contribution from taxes collected, currently set at \$260,000 per year. It is used to support the development of affordable housing in the City and to further the City's housing policy goals through housing initiative grants.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|--------------|-----------|-----------|-----------|-----------|-----------|--------------|
| Opening Balance | \$ 2,813,592 | \$ 14,047 | \$ 14,518 | \$ 15,004 | \$ 15,507 | \$ 16,026 | \$ 2,813,592 |
| Contributions: | | | | | | | |
| -1% Levy | - | - | - | - | - | - | - |
| - Budgeted | - | - | - | - | - | - | - |
| - Other | - | - | - | - | - | - | - |
| Interest for the year | 455 | 471 | 486 | 503 | 519 | 2,870 | 5,305 |
| Available Balance | \$ 2,814,047 | \$ 14,518 | \$ 15,004 | \$ 15,507 | \$ 16,026 | \$ 18,896 | \$ 2,818,896 |
| Withdrawals | | | | | | | |
| Projects & Grants | 2,800,000 | - | - | - | - | - | 2,800,000 |
| Total expended | \$ 2,800,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,800,000 |
| Closing Balance | \$ 14,047 | \$ 14,518 | \$ 15,004 | \$ 15,507 | \$ 16,026 | \$ 18,896 | \$ 18,896 |

SUSTAINABLE TRANSPORTATION

Created in 2008, The Sustainable Transportation Reserve Fund sets aside funding for the implementation of sustainable transportation initiatives included in the City's Transportation Plan.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|------------|-----------|-----------|-----------|-----------|------------|------------|
| Opening Balance | \$ 58,395 | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ 58,395 |
| Contributions: | | | | | | | |
| - Annual | 87,500 | 87,500 | 87,500 | 87,500 | 87,500 | 437,500 | 875,000 |
| - Budgeted | - | - | - | - | - | - | - |
| - Completed Projects | - | - | - | - | - | - | - |
| Interest for the year | (0) | (0) | (0) | (0) | (0) | (0) | (0) |
| Available Balance | \$ 145,895 | \$ 87,500 | \$ 87,500 | \$ 87,500 | \$ 87,500 | \$ 437,499 | \$ 933,394 |
| Withdrawals | | | | | | | |
| Projects & Grants | 145,895 | 87,500 | 87,500 | 87,500 | 87,500 | 437,500 | 933,395 |
| Total expended | \$ 145,895 | \$ 87,500 | \$ 87,500 | \$ 87,500 | \$ 87,500 | \$ 437,500 | \$ 933,395 |
| Closing Balance | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (1) | \$ (1) |

LOWER LONSDALE LEGACY

The Lower Lonsdale Legacy Fund is funded from 25% of the proceeds of sale of non-Tax Sale land or density transfer in Lower Lonsdale to a maximum of \$2.5m. It is treated as an endowment fund and only the previous year's earned interest is made available to allocate to grants. The fund provides grants for community development projects, services, and events that contribute to the quality of life of residents in Lower Lonsdale. The projects may be capital or operational.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Opening Balance | \$ 2,585,977 | \$ 2,584,801 | \$ 2,671,392 | \$ 2,760,883 | \$ 2,853,373 | \$ 2,948,961 | \$ 2,585,977 |
| Contributions: | | | | | | | |
| - Budgeted | - | - | - | - | - | - | - |
| - Tsf from Lower Lons. Land Sales | - | - | - | - | - | - | - |
| Interest for the year | 86,630 | 86,591 | 89,492 | 92,490 | 95,588 | 528,173 | 978,963 |
| Available Balance | \$ 2,672,607 | \$ 2,671,392 | \$ 2,760,883 | \$ 2,853,373 | \$ 2,948,961 | \$ 3,477,134 | \$ 3,564,940 |
| Withdrawals | | | | | | | |
| Transfer to Community Grants | 87,806 | - | - | - | - | - | 87,806 |
| Closing Balance | \$ 2,584,801 | \$ 2,671,392 | \$ 2,760,883 | \$ 2,853,373 | \$ 2,948,961 | \$ 3,477,134 | \$ 3,477,134 |

PUBLIC ART

This reserve is funded by a contribution from taxes collected, currently set at \$85,000 annually. It is used to fund public art projects as recommended to Council by the Public Art program Steering Committee.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|----------------------------------|------------|------------|------------|------------|------------|--------------|--------------|
| Opening Balance | \$ 130,525 | \$ 148,896 | \$ 529,137 | \$ 553,323 | \$ 571,859 | \$ 591,016 | \$ 130,525 |
| Closed Projects | 13,544 | - | - | - | - | - | 13,544 |
| Contributions: | | | | | | | |
| - Budgeted | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 425,000 | 850,000 |
| Transfer from TSL | - | 253,040 | - | - | - | - | 253,040 |
| Transfer from Civic Amenity Fund | - | 110,050 | 6,250 | - | - | - | 116,300 |
| Interest for the year | 4,826 | 17,152 | 17,935 | 18,536 | 19,157 | 38,500 | 116,107 |
| Available Balance | \$ 233,896 | \$ 614,137 | \$ 638,323 | \$ 656,859 | \$ 676,016 | \$ 1,054,516 | \$ 1,479,516 |
| Withdrawals | | | | | | | |
| Public Art Projects | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 425,000 | 850,000 |
| Public Art - 1% of LL Land Sales | - | - | - | - | - | 456,162 | 456,162 |
| Total expended | \$ 85,000 | \$ 85,000 | \$ 85,000 | \$ 85,000 | \$ 85,000 | \$ 881,162 | \$ 1,306,162 |
| Closing Balance | \$ 148,896 | \$ 529,137 | \$ 553,323 | \$ 571,859 | \$ 591,016 | \$ 173,354 | \$ 173,354 |

2016-2025 PROJECT PLAN

RESERVES AND OTHER FUNDING

OTHER FUNDING SOURCES

Cemetery Development Fund

The Cemetery Development Fund is a non-statutory reserve which is used to fund capital improvement projects in the city's cemetery. It is generally funded by net cemetery revenues. In 2004, the Cemetery Fund also received a contribution of \$954,000 from the GVRD because of the impact of the Region's watermain project

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|
| Opening Balance | \$ 820,510 | \$ 847,997 | \$ 876,405 | \$ 905,765 | \$ 936,108 | \$ 967,468 | \$ 820,510 |
| Contributions: | | | | | | | |
| Sale of Right of Way | | | | | | | - |
| Interest for the year | 27,487 | 28,408 | 29,360 | 30,343 | 31,360 | 173,278 | 320,235 |
| Available Balance | \$ 847,997 | \$ 876,405 | \$ 905,765 | \$ 936,108 | \$ 967,468 | \$ 1,140,746 | \$ 1,140,746 |
| Withdrawals | | | | | | | |
| Cemetery Projects | - | - | - | - | - | - | - |
| Closing Balance | \$ 847,997 | \$ 876,405 | \$ 905,765 | \$ 936,108 | \$ 967,468 | \$ 1,140,746 | \$ 1,140,746 |

Child Care Capital Improvement Fund

The Child Care Capital Improvement Fund is a non-statutory reserve used to provide grants to child care services in the City. It was created in 1997 with a \$150,000 sale of density transfer from the old library site to a developers.

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-----------------|
| Opening Balance | \$ 9,323 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 9,323 |
| Contributions: | | | | | | | |
| Sale of Right of Way | | | | | | | - |
| Available Balance | \$ 9,323 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 9,323 |
| New Child Care Facility | 9,323 | - | - | - | - | - | 9,323 |
| Closing Balance | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Carbon Fund

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|---------------------------------------|-------------------|------------------|------------------|------------------|------------------|-------------------|---------------------|
| Opening Balance | \$ 207,060 | \$ 60 | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ 207,060 |
| Early Appropriations | | | | | | | |
| Contributions: | | | | | | | |
| CARIP | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 | 250,000 |
| Annual Budget | 65,000 | 65,000 | 65,000 | 65,000 | 65,000 | 325,000 | 650,000 |
| Available Balance | \$ 297,060 | \$ 90,060 | \$ 90,000 | \$ 90,000 | \$ 90,000 | \$ 450,000 | \$ 1,107,060 |
| Withdrawals | | | | | | | |
| Community Trans. Demand Mgmt | 50,000 | 80,000 | 80,000 | 80,000 | 80,000 | - | 370,000 |
| Living City Tree Planting Program | 47,000 | 10,060 | 10,000 | 10,000 | 10,000 | 375,000 | 462,060 |
| Climate Action Implementation: Energy | | | | | | | |
| Efficiency Outreach Program | 100,000 | | | | | | 100,000 |
| Community Renewable Energy Strategy | 100,000 | | | | | | 100,000 |
| Bicycle Route Improvements | | | | | | 75,000 | 75,000 |
| Closing Balance | \$ 60 | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) | \$ (0) |

Heritage Reserve

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Opening Balance | \$ 89,553 | \$ (500) | \$ (500) | \$ (500) | \$ (500) | \$ (500) | \$ 89,553 |
| Contributions: | | | | | | | |
| | | | | | | | - |
| Available Balance | \$ 89,553 | \$ (500) | \$ (500) | \$ (500) | \$ (500) | \$ (500) | \$ 89,553 |
| Withdrawals | 90,053 | - | - | - | - | - | 90,053 |
| Closing Balance | \$ (500) | \$ (500) | \$ (500) | \$ (500) | \$ (500) | \$ (500) | \$ (500) |

General Reserve

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021-2025 | Total |
|--------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Opening Balance | \$ - | \$ 158,110 | \$ 158,110 | \$ 158,110 | \$ 158,110 | \$ 158,110 | \$ - |
| Closed Projects | 136,854 | | | | | | 136,854 |
| Contributions: | | | | | | | |
| Lease Revenue (Tap & Barrel) | 241,256 | | | | | | 241,256 |
| Available Balance | \$ 378,110 | \$ 158,110 | \$ 158,110 | \$ 158,110 | \$ 158,110 | \$ 158,110 | \$ 378,110 |
| The Shipyards - Lot 3 Building | | | | | | | |
| Provisioning | 70,000 | | | | | | 70,000 |
| Shipyards Public Realm | 150,000 | | | | | | 150,000 |
| Closing Balance | \$ 158,110 | \$ 158,110 | \$ 158,110 | \$ 158,110 | \$ 158,110 | \$ 158,110 | \$ 158,110 |