

INDEX



I

11812 57th Avenue South..... 390

1234 S Concord-Sewer Rehabilitation..... 391

12th Avenue Development Project 246

12th Avenue South/Jose Rizal Bridge Deck Repair..... 246

15th Avenue West Pedestrian Signals..... 247

16th Avenue South Bridge Environmental Impact
Statement..... 247

19th & 20th Avenue NE Local Drainage 391

2

2002 NSF/CRF Neighborhood Program 248

2223 Western-Sewer Rehabilitation..... 392

23rd SW & SW Andover-Landslide 392

3

30th Avenue NE Pedestrian Improvements 249

3511 S Dearborn Street - Sewer Rehabilitation 393

35th Avenue NE Street Improvements..... 249

35th Avenue SW Signal and Street Improvements 250

3869 & 4029 Rainier Avenue S-Sewer Rehabilitation. 393

39th Ave NE & NE 105th St Drainage 394

4

4th & Ward Park - Development..... 45

5

55th Ave SW & SW Olga St Drainage 394

56th Avenue NE/ NE 73rd Street - Sewer Rehabilitation
..... 395

A

ADA Improvements 182

Additional Environmental Stewardship Projects..... 395

Admiral/California/Alaska Signal Improvements..... 251

Airport Way over Argo Bridge Rehabilitation..... 251

Alaskan Way Seawall Repair..... 252

Alaskan Way Viaduct/Seawall Study..... 252

Alki Bathhouse - Improvements 45

Alki Landslide Mitigation 396

Alki Playground - Comfort Station Improvements 46

Aquarium - Exhibit Renovations..... 46

Aquarium - Master Plan Imple..... 47

Aquarium - Pier 59 Breezeway Floor Replacement..... 47

Aquarium - Pier 59 Deck Structure 48

Aquarium - Pier 59 Fire Sprinkler Replacement 48

Arterial Asphalt and Concrete Program 253

Arterial Improvement Program (AIP) Reserve 253

Arterial Major Maintenance 254

Artwork Maintenance..... 182

Artwork Relocation..... 21

Asphalt Walkway Maintenance 254

Atlantic City Boat Ramp Repair 49

Atlas Pl SW & SW Juneau Landslide Mitigation 396

Augusta Gatehouse Rehabilitation..... 483

Automated Meter Reading 461

B

Bagley Wright Theatre Maintenance Fund 183

Ballard Bridge Electrical/Mechanical Maintenance..... 255

Ballard Library Replacement/New Neighborhood Service
Center..... 209

Ballard Locks Improvements 483

Ballard Municipal Center Park - Development..... 49

Ballard Pool - Landscape Restoration..... 50

Ballfields - Minor Capital Improvements 50

Beach Dr. SW/SW Jacobson Rd. - Sewer Rehabilitation
..... 397

Beacon Avenue Median - Phase V..... 255

Beacon Hill Library Replacement/New Neigh. Service
Center..... 210

Beacon Reservoir Park - Acquisition..... 51

Belltown Neighborhood 52

Belltown/Lower Queen Anne Waterfront..... 53

Belvedere View Point - Landscape 54

Bergen Place Park - Improvements 54

Bike Spot Safety Improvements..... 256

Bitter Lake Community Center - Landscape..... 55

Bitter Lake Reservoir Open Space - Development 55

Bobby Morris Playfield - Ballfield Renovation 56

Bonair Place SW/ 53rd Avenue SW - Sewer
Rehabilitation 397

Book Collections for New Branches 211

Boren-Pike-Pine Park - Redevelopment 56

Boundary Dam Safety Improvements 321

Boundary Rehabilitation 321

Boundary Unit 51 Turbine Runner 322

Boundary Unit 53 Turbine Runner 322

Bradner Gardens - Improvements 57

Bradner Gardens Park - Comfort Station Renovation.... 57

Bridge Load Rating..... 256

Bridge Painting Program..... 257

Bridge Resurface and Grating..... 257

Bridge Seismic Retrofit Phase I 258

Bridge Seismic Retrofit Phase II..... 258

Brighton Playfield - Ballfield Renovation 58

Broad Street Substation Networks 323

Broadview Library Renovation..... 211

Budget Savings 323

Burke Gilman/NE 144th Landslide Mitigation..... 398

Burke-Gilman Trail Extension (8th to 67th) 259

Business Technology Improvements 461

C

Cable/Fiber Optics Projects..... 484
California Substation - Development..... 58
Camp Long - Irrigation & Drainage..... 59
Camp Long - West Comfort Station Replacement..... 59
Capitol Hill Library Replacement/New Neigh. Service Center 212
Carkeek Park - Environmental Education Building Renovation 60
Carkeek Park - Improvements..... 60
Carkeek Sewer Overflow - King County 398
Cascade Playground - Improvements..... 61
Cathodic Protection Phase VI 484
Cathodic Protection Phase VII 485
Cedar Falls Backup Fire Suppression System..... 485
Cedar Falls Habitat Conservation Plan 324
Cedar Falls Intake Gate Replacement 324
Cedar Falls Railroad Hazardous Material Remediation..... 486
Cedar Falls Storage Building Construction..... 486
Cedar Moraine Improvements..... 487
Cedar Overflow Dike Flashboard Replacement..... 487
Cedar River Pipeline 2 - Replacement of Portion 488
Cedar River Watershed Boundary Land Acquisition... 488
Cedar River Watershed Bridge Replacement, Phase 10 488
Cedar River Watershed Bridge Replacement, Phase 12 489
Cedar River Watershed Bridge Replacement, Phase 8. 489
Cedar River Watershed Bridge Replacement, Phase 9. 489
Cedar River Watershed Education Center..... 490
Cedar River Watershed Headquarters Facilities Improvements..... 490
Cedar River Watershed Northridge Trail 491
Cedar River Watershed Road Improvements-Non HCP 491
Cedar Sockeye Hatchery 492
Cedar Treatment Facility..... 492
Center House Improvements 183
Central Arterial Streetlights Major Maint. 325
Central Business District Lighting 260
Central Fiber Rings 325
Central Gateway Project 260
Central Library Replacement 213
Cheasty Boulevard - Improvements 61
Cheasty Boulevard Forest - Restoration..... 62
Chief Sealth Trail 261
Chinese Garden - Development 62
Chinook Salmon-Contaminant Sediment..... 399
Chip Seal Program (formerly Restabilization and Resealing)..... 262
CIP Management/Facilities Master Plan..... 452
Collision Evaluation Program 262
Colman Pool - Electrical System & Lighting Renovation 63
Colman Pool - Filter Tank Repair 63

Colman Pool - Mechanical System Renovation..... 64
Colman Pool - Plaster Liner Replacement 64
Colman Pool - Pump House Electrical System Renovation 65
Colman School Parking Lot Development..... 65
Columbia Library Renovation..... 214
Commodore Park - Landscape Restoration..... 66
Communications Improvements 326
Comprehensive Creeks Inventory/Needs Assessment . 399
Comprehensive Ditch and Culvert Program 400
Comprehensive Drainage Plan Update 400
Comprehensive Retrofit/BMP Study 401
Comprehensive Water System Plan 493
Consolidated Customer Service System – City Light .. 326
Consolidated Customer Service System – SPU Technology 462
Consolidated Customer Service System Interface 462
Consolidated Customer Service System-SPU Additions 463
Cowen Park - Forest Restoration 66
Cowen Park - Improvements..... 67
Crash Cushion Replacement Program..... 263
Creeks CIP Adjustments 401
Creeks CIP Monitoring & Repair Program..... 402
Creeks Emerging Issues Program 402
Creeks Needs Assessment Implementation Program... 403
Creekside Reforestation Program 403
Creekside Spot Erosion Improvements Program 404
Crosswalk/Lane Line Marker Replacement Program .. 263
CSO Modeling and Assessment..... 404
CSO Monitoring-Installation 405
CSO Plan Implementation 405
CSO Plan Update 406
Customer Data Services (CMart)..... 327
Customer Service Technology Improvements 463

D

Dead Storage Evaluation..... 493
Decision Support..... 464
Delridge - Construction of New Branch 215
Delridge Basin Phase II Channel Improvements 406
Delridge Community Center - Exterior Walls 67
Denny Blaine Park - Shoreline Repair 68
Denny Combined Sewer Overflow 494
Denny Triangle Improvements 264
Destination/Information Sign Replacement Program .. 264
Diablo Lake Shipyard Hoist..... 327
Diablo Sewer System Improvement..... 328
Diablo Spillgate Control Improvements 328
Diablo Water System Improvements 329
Disaster Recovery/Business Continuity 329
Discovery Park - Habitat Restoration..... 68
Discovery Park - Natural Area Reforestation..... 69
Distribution Automated Mapping System..... 330
Distribution Replacement 330

Distribution System Fireflow & Pressure Improvements	494
Distribution System In-Line Gate Valves Replacement	495
Douglass-Truth Library Renovation	216
Downstream Fish Habitat and Restoration.....	495
Downtown Central Business District Signal Controllers	265
Downtown Substation - Prelim Engr.....	331
Downtown Substation Programmatic EIS.....	331
Drainage and Wastewater Operations Technology	464
Drainage Design Services/Preliminary Engineering	407
Drainage Spot Improvements.....	407
Duwamish Bikeway	265
Duwamish Intelligent Transportation Systems (ITS)...	266

E

E3 Busway Transmission Ducts.....	332
Earthquake Repair - Atlantic City Boat Ramp	69
Earthquake Repair - Federal Emergency Management Agency	267
Earthquake Repair - Federal Highway Administration	268
Earthquake Repair - Green Lake Pitch & Putt	70
Earthquake Repair - Green Lake Small Craft Center	71
Earthquake Repair - Roy Street Shops	72
Earthquake Repair - Sand Point Magnuson Buildings ...	72
Earthquake Repair - South Lake Union - East Wharf	73
Earthquake Repair - South Lake Union - Naval Reserve Bldg.....	74
Earthquake Repair - South Lake Union - North Wharf..	75
Earthquake Repair - Woodland Park Zoo	75
Earthquake Repairs - Water Fund CIP.....	496
East Boston Terrace Project	408
Elliott Avenue W/15th Avenue W and NW Signal Improvements.....	269
Endangered Species Act Mitigation	332
Engineering/CIP Tech Improvements	465
Enhanced Traffic Management Center.....	269
Environment and Safety Replacement	333
Environmental Remediation 2001-2002	76
ESA-Chinook Research & Monitoring	497
ESA-Snohomish River Basin Habitat Protection Program	497

F

Facilities ADA and Regulatory Compliance	333
Facilities Environmental Remediation	334
Facilities Replacement	334
Facility Investments	452
Facility Security	335
Fairview Ave N Drainage Assessment.....	408
FAST Corridor - Phase II.....	270
Fauntleroy Park - Vegetation Management Plan.....	76
Fifth and Broad Triangle.....	184

Fifth Avenue Parking Lot Improvements.....	185
Fire Protection Systems Modification.....	335
First Hill Network	336
Fisher Pavilion	186
Forced Side Sewer Repairs	409
Forest Inventory and Assessment - City Wide.....	77
Freeway Park - Piggott Corridor Fountain Renovation..	77
Fremont Bridge Approaches and Electrical Major Maintenance	271
Fremont Library Rehabilitation.....	217
Fremont Park - Development.....	78

G

GAR Cemetery - Landscape Restoration	78
Garfield Playfield - Shelterhouse ADA Compliance	79
General Maintenance	21
Generation - Civil-Mechanical Modification.....	336
Generation Electrical Enhancements	337
Genesee Playfield - Parking Lot Paving	79
Genesee Playfield - Renovation & Lighting	80
Georgetown Drainage Basin Study	409
Georgetown Park - Development.....	80
Georgetown Playfield - Site Improvements	81
Golden Gardens - Forest Restoration.....	81
Golden Gardens Bathhouse - Renovation	82
Golden Gardens/NW 90th Landslide	410
Golf Chemical Storage.....	82
Gorge 240 kV Oil-filled Circuit Breakers.....	337
Gorge AC/DC Distribution System.....	338
Gorge Inn Renovation.....	338
Gorge Powerhouse Air Circuit Breaker Replacement..	339
Gorge Spillgate Control Improvements	339
Gorge Spillgate Rehabilitation.....	340
Gorge Unit 24 Turbine-Runner Overhaul	340
Grant Match Reserve	271
Grant Match Reserve Opportunity Fund.....	272
Green Lake Community Center - Landscape Restoration	83
Green Lake Library Renovation.....	218
Green Lake Park - Landscape Restoration	83
Greenwood Library Replacement	219
Greenwood Park - Development.....	84
Grey to Green Projects	84
Group Health Fire Flow Improvement.....	498
Guardrail Rehabilitation Program.....	272

H

Hamilton Viewpoint - Landscape Restoration	85
Hamilton Viewpoint - Vegetation Management Plan	85
Harbor Avenue SW Reconstruction.....	273
Hazard Mitigation Program - Areaways	273
Hazard Mitigation Program - Risk Assessment	85
Hazard Mitigation Program - SeaTran Risk Assessment	274

Hazardous Materials Abatement	186
Hazardous Trees Inventory & Abatement.....	86
Heavy Equipment Purchases - Drainage	410
Heavy Equipment Purchases – Solid Waste.....	453
Heavy Equipment Purchases - Wastewater.....	410
Heavy Equipment Purchases- Water.....	498
Henderson Combined Sewer Overflow.....	499
Hiawatha Playfield Entry Lighting.....	86
High Point Community Center - Expansion.....	87
High Point Library Replacement.....	219
Historic Building Renovations	220
Holgate/Amtrak Water Relocation.....	499
Holly Park Redevelopment Phase III - Watermain Extension.....	500
Honey Creek Drain Pipe Improvements	500
Hutchinson Community Center - Improvements	87
HVAC System Duct Cleaning - Large Buildings.....	88
Hydrant Replacement & Relocation Program.....	500

I

Information Technology Infrastructure	341
Information Technology Replacement.....	341
Inn at the Center	187
In-Stream Gravel Management Program	411
Integrated Customer Contact Center	465
Intelligent Transportation Systems (ITS) Plan Implementation	274
Intelligent Transportation Systems-Closed Circuit Television.....	275
Interlaken Blvd & 20th E/Retreat Center Landslide	411
Interlaken Park - Forest Restoration.....	88
International District - Construction of New Branch ...	220
International District Community Center - Construction	89
Interstate 5 Open Space - Development	89
Interurban Trail North.....	275
In-town Reservoirs Dam Safety Improvements	501

J

Jackson Park Detention Phase 2.....	412
Japanese Garden - Forest Restoration	90
Japanese Garden - Pond Shoreline Renovation.....	90
Jefferson Golf Course - Maintenance Facility Renovation	91
Jefferson Park - Community Center Expansion	91
Jefferson Park - Lot & Roadway Repaving.....	92
Jefferson Park - Pathway Development	92
Jefferson Park - Play Area Renovation	93
Jefferson Park - Spokane Street Fence	94
Judkins Park & Playfield - Field Renovation - Phase 2 .	95
Judkins Park & Playfield - Lower Comfort Station Renovation	95
Judkins Playfield - Renovation	96

K

Kalakala Ferry Restoration.....	276
---------------------------------	-----

Kent Highlands North Pond Diversion	453
KeyArena 2003 Renovation.....	188
KeyArena Improvements	188
Kinnear Slide Remediation	96
Kobe Terrace - Landscape Restoration	97
Kreielsheimer Site Development	189
Kubota Gardens - Improvements	97

L

Ladder Creek Water System	342
Lake City Civic Core - Development.....	98
Lake City Library Renovation/New Neighborhood Service Center.....	221
Lake City Way Northeast Multimodal.....	276
Lake Dell/33 E Landslide Mitigation.....	412
Lake Union Ship Canal Trail	277
Lake Washington Boulevard (Central) - Landscape Restoration	98
Lake Washington Boulevard (North) - Landscape Restoration	99
Lake Washington Boulevard (South) - Landscape Restoration	99
Lake Washington/Lower Duwamish Habitat Protection	413
Lake Youngs Bypass Number Four Rehabilitation.....	501
Lake Youngs Management/Protection Plan.....	501
Lake Youngs Outlet Dam Rehabilitation	502
Lake Youngs Outlet Dam Warning System.....	502
Lake Youngs Perimeter Drain.....	502
Lake Youngs Perimeter Drains Flow Monitoring.....	503
Landsburg Dam Emergency Spillway Improvement ...	503
Landsburg Dam Safety Improvements.....	503
Landsburg Fish Passage Improvements	504
Landsburg Improvements - Non-HCP	504
Landsburg Treatment Building	505
Landslide-Prone Area Program.....	413
Langston Hughes Cultural Arts Center - Improvements	100
Leary Way NW Signal Improvements.....	277
Left Turn Signals	278
Library Building Improvements.....	222
Library Building Renovations.....	222
Library Grounds Maintenance	223
Licton Springs Park - Bridge Decking & Handrail Replacement.....	100
Licton Springs Park - Forest Restoration Plan	101
Licton Springs Park - Shelterhouse Renovation.....	101
Lincoln Annex - Redevelopment	102
Lincoln Park - Beach Renourishment	102
Lincoln Park - Forest Restoration	103
Lincoln Park - South Beach Landscape Restoration ...	103
Lincoln Park - Vegetation Management Guidelines ...	104
Lincoln Reservoir Park - Development - 2000 Parks Levy (1).....	105

Lincoln Reservoir Park - Development - 2000 Parks Levy (2).....	106
Lincoln Reservoir Park - Development - 2000 Parks Levy (3).....	106
Lincoln Reservoir Park - Development - 2000 Parks Levy (4).....	107
Linden Avenue Swale	414
Local Basin Plan Implementation Program.....	414
Local Emerging Issues Program.....	415
Longfellow Creek - Graham/Willow Improvements....	415
Longfellow Creek - SW Brandon to Juneau.....	416
Longfellow Creek - Yancy Street Monitoring.....	416
Longfellow Creek Legacy Trail - Improvements.....	107
Lot 4 Pocket Park.....	190
Louisa Boren Viewpoint - Forest Restoration.....	108
Luna Park - Landscape Restoration.....	108
Luna Park - Seawall Replacement.....	109
Lynn Street Mini Park - Retaining Wall Renovation ...	109

M

Madison Park - Bathhouse Rehabilitation.....	110
Madison Park - Bathhouse Sewer Replacement.....	110
Madison Pool - ADA-Compliant Family Changing Room	111
Madison Pool - Domestic Water System Replacement	111
Madison Pool - HVAC Upgrade	112
Madison Pool - Lighting Upgrade.....	112
Madison Pool - Liner Replacement.....	113
Madrona Briar Patch - Landscape Restoration.....	113
Madrona Library Improvement	223
Magnolia Bridge Replacement Project	278
Magnolia Bridge Seismic	279
Magnolia Library Improvement	224
Mapes Creek - Dam & Reforest Study.....	417
Maple Leaf Gatehouse Pipe Refurbishing.....	505
Maple Leaf Playground - Landscape.....	114
Maplewood Playfield - Comfort Station ADA Compliance	114
Marine View Drive Landslide Mitigation.....	417
Marine View Drive Landslide Mitigation-South	418
Marine View/Des Moines Creek Transmission Line Relocation	506
Marion Oliver McCaw Hall	191
Massachusetts Street Substation Networks	342
Matthews Beach Park - Storm Drainage Improvements	115
McCaw Hall Maintenance Fund	192
McGilvra Boulevard Divide Landscaping.....	115
Meadowbrook Playfield - Renovation	116
Mechanical Improvements	343
Meeting Room Improvements.....	192
Memorial Stadium Site Redevelopment.....	193
Mercer Arena	194
Mercer Complex Redevelopment Plan.....	194

Mercer Island 30" Supply Line Improvements	506
Meridian Play Area - Renovation	116
Meter Additions	343
Meter Replacement - Direct Service	418
Metering: Demand Metering Improvements.....	506
Metering: Direct Service Meter Replacement.....	507
Metering: New Purveyor Meter Program.....	507
Metering: Purveyor Meter Replacement Program	507
Metering: System Meter Replacement.....	508
Metro Direct Current Cables.....	344
Minor Facility Upgrades - Rehabilitation	419
Miscellaneous Building Improvements.....	344
Miscellaneous Transmission Improvements	345
Miscellaneous, Unforeseen and Emergencies	279
Mobile Equipment.....	345
MOHAI - Downtown Facility Development.....	117
Monorail Improvements.....	195
Montlake Library Replacement.....	224
Morse Lake Pump Plant - Pipeline Number One Corrosion.....	508
Mountains to Sound Greenway Trail	280
Mt. Baker Rowing & Sailing Float Rehabilitation.....	117
Multi-Modal Terminal	281

N

N/NE 80th Street Feeder Rehabilitation.....	509
NE Northgate Way Signal Controllers.....	282
Neighborhood Bike Improvements	282
Neighborhood Mid-Block Traffic Control.....	283
Neighborhood Park Development General	118
Neighborhood Pedestrian Improvements	283
Neighborhood Planning	346
Neighborhood Program (Development).....	284
Neighborhood Response Program.....	118
Neighborhood Self-Help Program	119
Neighborhood Traffic Control Program.....	284
Neighborhood Transportation Project Development ...	285
Neighborhood Undergrounding	346
Network Additions and Services.....	347
Network Hazeltine Upgrade.....	347
Network Maintenance Hole and Vault Rebuild	348
New Sidewalk Program	285
New Traffic Signals	286
Newhalem Garage Revisions	348
Newhalem Main Street Repairs	349
NOAA Sediment.....	419
"No Dig" Pipe and Maintenance Hole Rehabilitation..	390
Non-Arterial Asphalt Street Resurfacing	286
Non-Arterial Concrete Rehabilitation	287
North 145th Street Walkway.....	287
North 26kV Conversion.....	349
North and South Service Center Improvements.....	350
North Arterial Streetlights Major Maintenance.....	350
North Capacity Additions	351

North East Library Renovation	225
North Fork Tolt Diversion.....	509
North New Street and Flood Lighting	351
North Outage Replacements.....	352
North Relocations.....	352
North Residential Streetlight Improvements	353
North Seattle Park - Improvements	119
North Services - Overhead and Underground	353
North Teen Life Center - Development	120
North Waterfront Access.....	288
Northeast Queen Anne Greenbelt - Forest Restoration	120
Northgate - Construction of New Branch.....	225
Northgate Community Center - Construction	121
Northgate Park - Development.....	121
NW 90th Street & 12th Ave NW Drainage.....	420

O

Office Furniture and Equipment Purchase	354
Olympic Sculpture Park - Devel. & Alaskan Way Improvements.....	122
One Percent a Year Conservation--Seattle & Regional	510
Open Space Restoration and Repair	196
Operations Technology Improvements	466
Opportunity Fund for Neighborhood Library Projects.	226
Other Agency - Multiple Utility Relocation Program..	510

P

Painting Program: Beverly Park Tank.....	511
Painting Program: Maple Leaf Tank	511
Painting Program: Myrtle Tank.....	512
Painting Program: Richmond Highland I and II.....	512
Park Property Management.....	123
Parking Repairs and Improvements	196
Parks - Gray to Green Projects.....	420
Parks Upgrade Program	123
Parsons Gardens - Irrigation.....	124
Pavement Restoration Program.....	124
Pedestrian Way Restoration	288
Pedestrian/Elderly Handicapped Accessibility.....	289
Pesticide Reduction Project.....	125
Pier 62/63 - Pier Maintenance Plan Update	125
Pioneer Square - Area Park Improvements	126
Pioneer Square Pergola Restoration	126
Pipers - Metro Culverts Fish Passage Assessment.....	421
Pipers Creek Detention	421
Pipers Creek Restoration, Monitor and Adjust.....	422
Playfields and Facilities General.....	127
Plumbing Repairs and Replacement.....	197
Port of Seattle Terminal 18	513
Portable Works Maintenance	22
Potential Sediment Remediation Projects	422
Potlatch Trail – Seattle Center	197
Potlatch Trail – Seattle Transportation.....	289
Power Generation Replacement	354
Power Management Replacement.....	355

Power Stations Demand Driven Improvements	355
Pratt Park - Play Area ADA Compliance & Renovation	127
Pratt Park - Play Area Relocation	128
Preferential On-street Parking Program	290
Preliminary Engineering -- Major Maintenance	198
Preliminary Studies & Engineering Program.....	128
Princeton Avenue NE Bridge Replacement	290
Project Planning and Management.....	226
Property Acquisition	423
Public Toilet Program	423
Puget Park - Environmental Remediation.....	129
Pump Station - Maple Leaf #2	513
Pump Station - Phinney Ridge	514
Pump Station - Queen Anne.....	514
Pump Station Improvements - Install Station Motors..	515
Pump Station Rehabilitation	423

Q

Queen Anne Library Improvement	227
Queen Anne Pool - Boiler Refurbishment	129

R

Rainier Beach Library Renovation.....	227
Rainier Beach Public Plaza - Development	130
Rainier Beach/S Perry Landslide	424
Ravenna Creek - Daylighting.....	130
Real Property Records Automation.....	466
Recycling and Disposal Stations Compactor Replacement	454
Recycling and Disposal Stations Electrical Rehabilitation	454
Recycling and Disposal Stations Seismic Upgrade.....	455
Recycling and Drainage Stations Rehabilitation.....	455
Regulatory Sign Rehabilitation	291
Relaying Improvements	356
Renton Franchise/Line Valve along Cedar River Pipeline	515
Replace 115kV Arbutus Conductors.....	356
Replace Air Valve Chambers.....	515
Replacement of Scalehouse HVAC	456
Reservoir Covering: Beacon	516
Reservoir Covering: Bitter Lake	516
Reservoir Covering: Lake Forest Park	517
Reservoir Covering: Lincoln.....	517
Reservoir Covering: Myrtle	518
Reservoir Covering: Volunteer	518
Reservoir Fence Improvements: Myrtle-Roosevelt-Maple Leaf	519
Reservoir Fence Relocation/Replacement: Lake Forest Park	519
Retaining Wall Repair and Replacement	291
Retaining Wall Replacement Program.....	292
Reuse Program.....	520

Riverview Playfield - Athletic Fields 3 & 4 Renovation	131
Road Improvements/Decommissioning	520
Rogers Playground - Irrigation & Drainage Renovation	131
Roof Replacements	357
Roof/Structural Replacement and Repair	198
Ross Dam Abutment Rock Stabilization	358
Ross Generator Rewind Program	358
Ross Powerhouse Air Circuit Breaker Replacement....	359
Ross Powerhouse Annunciator Replacement	359
Rotary Viewpoint - Landscape Restoration	132
Roxhill Park - Wetland Development	132
Roy Street Shops - Relocation	133
S	
S Brandon Street/27th Avenue S - Sewer Rehabilitation	424
S Morgan Street/MLK Jr. Way S - Sewer Rehabilitation	425
S Spokane Street (lower roadway)	293
Sacajawea Park - Forest Restoration	133
Sacajawea Park - Landscape Restoration	134
Safety Modifications	360
Salmon Bay Drainage Improvements.....	425
Sand Point Magnuson Park - Athletic Field Renovation	134
Sand Point Magnuson Park - Boat Ramp & Pier Renovation	135
Sand Point Magnuson Park - Building 30 Roof Replacement.....	135
Sand Point Magnuson Park - Building Improvements .	136
Sand Point Magnuson Park - Community Garden	136
Sand Point Magnuson Park - Firehouse Studios (Building 18)	137
Sand Point Magnuson Park - Northshore Improvements	137
Sand Point Magnuson Park - Off Leash Area Development	138
Sand Point Magnuson Park - Sports Meadow	138
Sand Point Magnuson Park - Vegetation Management Plan	139
Sand Point Magnuson Park - Wetlands Development..	139
Sand Point Magnuson Park Community Center - Renovation	140
SCC EMS Upgrades and Enhancements.....	360
Schmitz Memorial Park - Handrail Replacement.....	140
Schmitz Park Improvements	141
Schmitz Preserve Park - Daylighting	141
Schmitz Preserve Park - Forest Restoration	142
SCL 230kV Reliability Loop - Prelim Engr.....	361
SEA Street #2 Drainage	426
Seaboard Lumber - Site Remediation	142
SeaTac Third Runway Pipeline Relocation.....	521

SeaTran - Drainage	426
SeaTran - Wastewater	427
SeaTran Tree Pit Expansion Assessment	427
Seattle City Light Drawing Conversions	361
Seattle Tennis Center - Court Renovation.....	143
Seattle Tennis Center - Drainage & Gutter Replacement	143
Seismic Mitigation	362
Seismic Upgrade and Painting: Barton Standpipe	521
Seismic Upgrade and Painting: Foy Standpipe	522
Seismic Upgrade and Painting: Woodland Park	522
Seismic Upgrade: Beverly Park Tank	523
Seismic Upgrade: Cedar River Pipeline at Ginger Creek	523
Seismic Upgrade: Landsburg Tank	523
Seismic Upgrade: Maple Leaf Tank.....	524
Seismic Upgrade: Myrtle Tanks #1 and #2.....	524
Seismic Upgrade: Pipeline Backbone System.....	525
Seismic Upgrade: Pump Station Building 6-B.....	525
Seismic Upgrade: Pump Station Building 6-C.....	526
Seismic Upgrade: Queen Anne Replacement #1 and #2	526
Seismic Upgrade: Volunteer Park Standpipe	527
Seismic Upgrade: West Seattle Pipeline	527
Seola Beach Drive Culvert.....	427
Service Renewals and Retirements Program.....	528
Service Renewals: Address Customer Requested Renewals	528
Sewage System Modeling	428
Seward Park - Electrical Service Upgrade - Phase A...	144
Seward Park - Entry Drive Drainage Repairs	144
Seward Park - Picnic Shelters No. 1, 3 & 4 Renovations	145
Seward Park - Salmon Habitat Improvements	145
Seward Park Annex - Renovation	146
Sewer Backup Prevention Program.....	428
Sewer Emergency Repairs	428
Sewer Full Line Replacements.....	429
Sewer Improvements Driven by Other Agencies.....	429
Shoreline Park - Beach Renourishment	146
Sidewalk Repair	293
Sidewalk Repair Assistance Program	294
Signal Loop Detectors.....	294
Signal Maintenance (formerly Electrical Major Maintenance).....	295
Site Signage	199
Skagit Licensing Mitigation.....	362
Skagit Telephone System Upgrade	363
Small Building Roof Program.....	147
Smith Cove - Acquisition.....	147
SnoKing-Bothell #2 Permanent Connection	363
Snoqualmie River Bank Stabilization	528
Sockeye Mitigation: Non-HCP Interim Hatchery	529

Sound Transit - Water System Relocations and Replacements	529
Sound Transit/Transit Coordination.....	295
Soundview Terrace Play Area - Renovation & ADA Compliance	148
South 26kV Conversion	364
South Arterial Streetlights Major Maintenance.....	364
South Capacity Additions.....	365
South Fork Tolt River Mitigation.....	365
South Jackson Street Improvements.....	296
South Lake Union Combined Sewer Overflow (CSO), Phase II.....	530
South Lake Union Combined Sewer Overflow Phase II	430
South Lake Union CSO - King County Payments	430
South Lake Union Neighborhood Improvements.....	530
South Lake Union Park - Development	149
South Lake Union Park - Wharf Development	150
South Lake Union Transportation Improvements	297
South New Street and Flood Lighting.....	366
South Norfolk Basin Plan.....	431
South Outage Replacements.....	366
South Park Drainage Phase 2	431
South Recycling and Disposal Station Maintenance Facility	456
South Recycling and Disposal Station Office Replacements	457
South Recycling and Disposal Station Recycling Center	457
South Relocations.....	367
South Residential Streetlight Improvements	367
South Services - Overhead and Underground	368
South to Broad Transmission Line - Prelim Eng	368
Southwest Community Center - ADA Compliant Changing Room	151
Southwest Community Center - Gym Construction.....	151
Southwest Library Renovation.....	228
Space Consolidation.....	369
Special Work Equipment - Generation Plant	369
Special Work Equipment - Substation Plant	370
Spokane Street Viaduct	298
Spot Sewer Improvement - Water Utility Impacts	531
Spot Sewer Pipe Repairs	432
Spruce & Squire Park - Development	152
SR 519 (Formerly Kingdome Access)	299
Stairway Rehabilitation	300
Storage and Transfer of Library Materials	228
Stormwater Plan	432
Stream and Riparian Restoration.....	531
Street Tree Replacement Program.....	300
Sturtevant Ravine - Forest Restoration	152
Substation Capacity Additions	370
Substation Comprehensive Improvements	371
Substation Equipment Improvements	371
Substation Fiber Optic Network.....	372

Substation Plant Improvements.....	372
Summit Installation	373
Supervisory Control And Data Acquisition Upgrades	467
SW College St & 52 Ave SW Landslide Mitigation....	432
SW Jacobsen & Alaska Ave SW Landslide Mitigation	433
SW Juneau Storm Drain.....	433
SW Myrtle St & Delridge Way SW Drainage Assessment	434
SW Orchard Street/Dumar Way SW Walkway	301
SW Sylvan Way & 24th Ave SW PSD	434
System Dewatering Program.....	532

T

Tank Site Remediation Program	532
Taps Program - New (Installation).....	533
Taylor Creek - Phase 3 Restoration.....	435
Taylor Creek Culverts Phase 2.....	435
Technology Enhancements	229
Technology Enhancements - Central Library	229
The Center School.....	199
Theatre District	200
Theatre Improvements and Repairs.....	201
Thornton - 1511 NE 130th Culvert Headwall	436
Thornton - Homewood Wetland/Stream Improvements	436
Thornton - Lake City Way & NE 100th St Culvert	437
Thornton - N Branch Fish Barriers	437
Thornton - Park 6 Instream Improvements	438
Thornton - Restoration Downstream of Lake City Way	438
Thornton Creek - 35th Avenue NE/NE 125th.....	439
Thornton Creek - Fish Passage at 95th.....	439
Thornton Creek Basin Hydraulic Study	440
Thornton Creek Lake City Detention Ph 4.....	440
Thornton Creek Outfall	441
Thornton Creek Watershed Action Plan Implementation	441
Tolt Dam Safety Improvements	533
Tolt Fisheries Mitigation.....	534
Tolt Instrument and Warning System Upgrade.....	534
Tolt Pipeline I, Phase IIIB.....	534
Tolt Pipeline II, Phase IV.....	535
Tolt Pipeline II, Phase VI-B.....	535
Tolt Pipeline II, Phases II and III	536
Tolt River Watershed Bridge Replacement Phase 2	536
Tolt River Watershed Road Improvement Program.....	537
Tolt Treatment Decommissioning.....	537
Tool and Work Equipment - Other Plant	373
Traffic Control Regulatory Devices	301
Traffic Control Spot Improvements	302
Traffic Control Spot Improvements - Signals	302
Trails Renovation.....	153
Transmission Demand-Driven Improvements	374
Transmission Pipeline Analysis	538
Transmission Replacement	374

Trunk Drainage Implementation	442	Waterway 18 N/N Lake Storm Drain Replacement	443
U		West Lake Union - Street Ends & Waterway #1 Development	161
Union Street Substation Networks	375	West Lake Union - Trail Development	161
University District Controllers/Paving	303	West Lake Union Trail.....	306
University Library Renovation.....	230	West Magnolia Playfield - Drainage & ADA Compliance	162
University Way Multi-Modal Improvements	304	West Seattle Freeway - Landscape\Swing Bridge Closeout	307
University Way NE - The Ave.....	538	West Seattle Golf - Fish Passage	444
Upland Forest Restoration.....	539	West Seattle Inlet Pipe Rehabilitation.....	542
Urban Center Wayfinding	305	West Seattle Library Renovation	230
Utility Infrastructure Master Plan.....	201	West Seattle Stadium - Dahl Rifle Range HVAC System	162
V		West Seattle Swing Bridge Cylinders and Installation.	307
Vactor Dump Station - Catch Basin Solids Decant.....	442	Westcrest Park - Park Improvements.....	163
Van Asselt Community Center - Expansion	153	Westlake Drainage	444
Volunteer Gatehouse Re-Roofing and Repairs	539	Westlake Greenbelt - Forest Restoration	163
Volunteer Park - ADA Compliance	154	Woodland Park - Central Forest Restoration	164
Volunteer Park - Galer Road Repaving.....	154	Woodland Park - Lower Woodland Field #1 Lighting.	164
Volunteer Park - Upper Greenhouse Replacement.....	155	Woodland Park - Mariners' Legacy at the Lower Field	165
Volunteer Park - Vegetation Management Plan.....	155	Work Process Management System.....	376
Volunteer Park Conservatory - Boiler Replacement	156	WPA Drains Study & Repair Program	445
Volunteer Park Conservatory - Bromeliad Wing Renovation	156	X	
W		X-Windows/WEB EMS User Interface	376
W Galer Street Gradecrossing.....	305	Y	
Wallingford Playfield - Improvements.....	157	Yesler Community Center - Construction.....	166
Wallingford Steps - Development.....	158	Z	
Walsh Lake Ditch Phase III	540	Zoo - Animal Health Building Road Reconstruction...	166
Warehouse Management System	375	Zoo - Carousel Construction	167
Washington Park Arboretum - Improvements	159	Zoo - Discovery Village, Phase 1	167
Washington Park Arboretum - Shoreline & Trail Improvements.....	159	Zoo - Emergency Generator Installation.....	168
Washington Street Floating Dock - Renovation.....	160	Zoo - Exhibit Deadfalls Replacement	168
Waste Storage and Disposal Improvements	202	Zoo - Flamingo Shed Rehabilitation	169
Wastewater Rehabilitation Project Evaluation.....	443	Zoo - Hyena/African Wild Dogs Exhibit Construction	169
Water Conservation Improvements.....	160	Zoo - Jaguar Exhibit Construction	170
Water Operations Technology Improvements.....	467	Zoo - Marsh Net and Pond Pump System Renovation.	170
Water Taxi Dock.....	306	Zoo - Offices Construction.....	171
Watermain Extension Program	540	Zoo - Public Address System Upgrade	171
Watermain Rehabilitation Planning and Inspection	541		
Watermain Rehabilitation Program.....	541		
Watermain Replacement Program.....	542		