

Proposed Green Roof Projects

SITE_LOCATION	PROJECT_NUMBER	ADC_MAP_LOCATION	MatchAddr	BMP & Treatment area (acres)	Estimated Cost
Patterson Elementary School	OR_LID_118	5648 J8	4399 South Capitol Terrace, SW	1.017675742	\$82,368
Leckie Elementary School	OR_LID_119	5648 H8	4201 Martin Luther King JR Avenue, SW	0.528586327	\$42,782
Ferebee-Hope Elementary School/ Recreation Center	OR_LID_120	5649 A7	3999 8th Street, SE	2.260826489	\$182,985
Simon Elementary School	OR_LID_121	5648 K7	401 Mississippi Avenue, SE	0.433257744	\$35,067
Hart Middle School	OR_LID_122	5648 A6	601 Mississippi Avenue, SE	1.505060231	\$121,815
Hendley Elementary School	OR_LID_123	5648 A8	425 Chesapeake Street, SE	0.652631788	\$52,822
Ballou Senior High School	OR_LID_124	5648 K6	3401 4th Street, SE	3.40097299	\$275,265
M.L. King Elementary School	OR_LID_125	5649 A6	3200 6th Street, SE	0.590533914	\$47,796
Turner Elementary School @ Green	OR_LID_126	5649 C6	1500 Mississippi Avenue, SE	0.702636797	\$56,869
Malcolm X Elementary School	OR_LID_127	5649 C5	1351 Alabama Avenue, SE	0.999598227	\$80,905
Garfield Elementary School	OR_LID_128	5649 E4	2435 Alabama Avenue, SE	0.550699606	\$44,572
Winston Education Campus	OR_LID_129	5649 F3	3100 Erie Street, SE	0.894776085	\$72,421
M.C. Terrell/McGogney Elementary School	OR_LID_130	5649 A6	3301 Wheeler Road, SE	1.180053312	\$95,510
Bald Eagle Recreation Center	OR_LID_131	5648 J9	100 Joliet Street, SW	0.537758281	\$43,525
Southeast Tennis and Learning Center	OR_LID_132	5649 A7	701 Mississippi Avenue, SE	0.686478704	\$55,562
Hillcrest Community Center	OR_LID_133	5649 F3	3100 Denver Street, SE	0.494679984	\$40,038
Fort Davis Community Center	OR_LID_134	5649 K1	1400 41st Street, SE	0.153004676	\$12,384
United Medical Nursing Center	OR_LID_135	5649 C7	1310 Southern Avenue, SE	2.733431231	\$221,236
The Specialty Hospital of Washington (Hadley Memorial)	OR_LID_136	5648 H9	4601 Martin Luther King Junior Avenue, SW	1.594599347	\$129,062

Proposed Constructed Wetland Projects

SITE_LOCATION	PROJECT NUMBER	ADC MAP LOCATION	DESCRIPTION_OF_EXISTING_CONDTIONS	PROJECT_DESCRIPTION	Match Address	Total area (acres)	Estimated Cost
Green Elementry School (15th St SE and Mississippi Ave SE)	OR_LID_137	5649 C6	Storm water outfall, pipe 48 inches in diameter, 4 foot drop, 45 feet in length, water is cloudy and possible illegal connection.	Regenerative storm water outfall. And/or a constructed wetland and/or upland bio retention, and bank stablization at stream.	Mississippi Ave SE and 13th St SE	64.9	\$4,867,928
Oxon Run Park Behind Engine 33	OR_LID_138	5648_K8	This is an open, grassed area in Oxon Run Park currently not utilized.	Daylight the storm sewer in the park and conver to stormwater treatment wetland	101 ATLANTIC STREET SE	13.6	\$1,017,650
Oxon Run Park South West of intersection of Atlantic and Livingston Street betwn stream & livingston	OR_LID_139	5648_k8	Grassy area of park with multiple catch basins draining to a outfall pipe just south of bridge. here are approximately 50 mature trees planted down stream, but is mostly open space.	Direct water from outfall into constructed wetland or bioretention cell. Water can be captured from roadway on Livingston Road for approximately 500 feet beginning with the 3100 block of Livingston. Two stormwater catchbasins can be diverted to the bioretention cell.	LIVINGSTON ROAD SE AND ATLANTIC STREET SE	10.6	\$797,116
Oxon Run Park North west of Atlantic Street and Valley Intersection, between valley and south bank of stream	OR_LID_140	5648_K8	Open, grassed area of park that has at least two catch basins draining from Valley Ave.	Capture water diverted from stormwater outfall into constructed wetland or large bioretention cell. There are at least two catch basins within 150ft of intersection of Vally and Atlantic that can be diverted..	ATLANTIC STREET SE AND VALLEY AVENUE SE	6.5	\$491,153
Oxon Run Park North west of intersection of Atlantic Street and Valley , between the north bank stream and Yuma Culesac	OR_LID_141	5648 8K	Grassy Area in Oxon Park currently not utilized	Direct water from outfall into constructed wetland	Yuma St SE and 1st St SE	9.5	\$713,409
Oxon Run Park at the intersection of 13th St SE and Mississippi Ave SE	OR_LID_142	5649 B6	eastern most part of city-run Oxon Run Park- there is an amphitheater, trail, and play equipment.	There is a stormsewer that can be daylighted and treated in wetland between amphitheater and NPS land	Mississippi Ave SE and 13th St SE	25.6	\$1,919,628
500 ft north of intersection of livingston and 3rd	OR_LID_143	5649 K8	East of stream - along Livingston St	Treat stormwater with constructed wetland. Few mature trees- mostly open space	LIVINGSTON ROAD SE AND 3rd STREET SE	38.4	\$2,879,872

Proposed Pervious Pavement Projects

SITE_LOCATION	PROJECT NUMBER	ADC MAP LOCATION	DESCRIPTION_OF_EXISTING_CONDITIONS	PROJECT_DESCRIPTION	MatchAddr	BMP and Treatment area (acres)
Corner of Pennsylvania Avenue SE and Alabama Avenue SE Fairfax Village Shopping Center	OR_LID_144	5649_H2	Parking lot drains toward Alabama Avenue. There is a dumpster and waste grease container in parking lot with no secondary containment	Waist Grease Oil should be placed in secondary containment area, there area can be treated with permeable pavement.	ALABAMA AVENUE SE AND PENNSYLVANIA AVENUE SE	0.604914
Winston Education Center	OR_LID_145	5649_F3	Oversized sidewalks and paved areas.	Reduce size of pervious surfaces. Install native plant beds where pavement is unnecessary and use pervious pavers where it is.	3100 ERIE STREET SE	0.719818
Garfield Elementary School	OR_LID_146	5649_E4	The entire school premises is paved and drains to a single clogged area drain.	Reduction in about 520 feet of unneeded pavement, BayScaping	2435 ALABAMA AVENUE SE	0.208063
Police station between Hartford St. and Knox St.	OR_LID_147	5649_E4	A moderately steep slope with sparse grass and compacted soil is currently used for parking. There is a concrete walkway running the length of the hill with erosion on either side of the concrete slab.	Install grass pavers in the areas needed for parking by the officers.	ALABAMA AVENUE SE AND HARTFORD STREET SE	0.214982
Shopping Plaza Between 22nd Street and 18th Street SE	OR_LID_148	5649_D5	Large Parking lot with pavement in poor condition. There are unused drive through lanes and parking lot behind the building.	Remove drive-through lanes and replace concrete with permeable paving	ALABAMA AVENUE SE AND 18TH STREET SE	0.181128
Malcolm X Elementary School, 1351 Alabama Avenue SE	OR_LID_149	5649_C5	School complex is surrounded by parking lots, asphalt play grounds, basketball court, and grass playing field.	Reduce paved surfaces by 30% and replace with pervious pavers.	1351 ALABAMA AVENUE SE	0.512744
Draper Elementary School (908 Whaler Rd SE)	OR_LID_150	5649 B7	Asphalt lot used as playground and parking on the north side of school.	Reduce impervious area, particularly along the concrete retaining wall (3' tall) that runs the entire length of the eastern side of the property.	908 WAHLER PLACE SE	0.449485

Draper Elementary School (908 Whaler Rd SE)	OR_LID_151	5649 B7	The area is entirely paved with concrete and surrounded by a concrete retaining wall (2'-3' tall). There is a fenced off area with play equipment at the southeast corner of the school.	Ten feet of concrete can be removed and replaced with pervious pavement along the perimeter of play area and the concrete area (30' X 30') to the immediate north of the play equipment.	908 WAHLER PLACE SE	0.568342
Commercial strip at the corner of Chesapeake St and 6th St SE	OR_LID_152	5648 K8	Overwide sidewalk in front of commercial strip	Remove concrete outside of Chesapeake Big Market at the SE corner of intersection (along east side of 6th street south of Chesapeake) and replace with pervious pavers.	CHESAPEAKE STREET SE AND 6TH STREET SE	0.183105
Flora L. Hendly Elementary (Chesapeake St and 6th St SE)	OR_LID_153	5648 K8	There is a parking lot on the east side of the building, all paved with asphalt. There is an area drain at the most eastern part of the paved surface.. The entrance of the building on the north side is paved with concrete (30' by 50').	Remove 1,200 sq ft of asphalt between the parking lot and entrance to the school and replace with pervious pavers.	6TH STREET SE AND CHESAPEAKE STREET SE	0.611833
Bald Eagle Recreation Center	OR_LID_154	5648_J9	Parking lot with very degraded pavement.	Remove crumbling asphalt and replace with pervious pavement.	100 JOLIET STREET SW	0.776652
alley between DC One Stop Employment Center and Faith Presbyterian Church	OR_LID_155	5648_J8	Unused alley with unusual water discharge from crack in pavement draining to area drain, overgrown	Remove alley and replace with pervious surface.	CHESAPEAKE STREET SW AND SOUTH CAPITOL STREET	0.653841
Commercial area in front of DC One Stop Employment Center on South Capital Street	OR_LID_156	5648_J8	Overwide sidewalk in front of commercial strip	Remove concrete and replace with pervious surface.	CHESAPEAKE STREET SW AND SOUTH CAPITOL STREET	0.536219

Appendix E: Other LID and Stream Restoration Projects

Congress Heights Recreation Center	OR_LID_157	5649_A6	Recreation center with mowed field, tennis courts, basketball courts, a small building and parking area. There is a large amount of erosion on the southeast and southwest sides of the tennis courts.	The driveway into the recreation center and the parking area is in need of replacement and can be replaced with permeable pavers.	650 SAVANNAH STREET SE	0.205345
Oxon Run Park - NE corner of intersection of Valley Avenue and Coal Blvd SE.	OR_LID_158	5649_B7	A large unused asphalt pad- approximately 2,000 square feet.	Remove asphalt.	VARNEY STREET SE AND COLE BOULEVARD SE	0.172727
Alley between Yuma Street and Atlantic Ave.	OR_LID_159	5648_K7	The alley runs through an apartment complex and drains toward Oxon Run Park. There is a damaged sewer cover and /broken asphalt at the end of the alley. There are often residents of the adjacent apartment homes socializing here.	Resurface alley with pervious pavers. Replace sewer cover.	1ST STREET SE AND ATLANTIC STREET SE	0.210287
DC Village, Police Recruitment and training center	OR_LID_160	5648_G10	Single story buildings with external down spouts and a mix of mowed grass and deteriorated parking lots.	Replace parking lot with permeable pavement.	DC VILLAGE BUILDING 5	1.689954

Appendix E: Other LID and Stream Restoration Projects

Proposed Regenerative Stormwater Conveyance Projects

SITE_LOCATION	PROJECT NUMBER	ADC MAP LOCATION	DESCRIPTION OF EXISTING CONDITIONS	PROJECT_DESCRIPTION	MatchAddr	Treatment Area (acres)	Estimated Cost
Bald Eagle Recreation Center	OR_LID_161	5648_J9	Entire roof and the sidewalks around the perimeter of the building drain into a single stormdrain that is causing severe erosion.	Treat runoff from the roof to intermitant stream with regenerative stormwater conveyance.	100 JOLIET STREET SW	0.75	\$56,229
Wet weather conveyance at the south side of the Congress Heights Recreation Center between the dead end of Monterrey & Savanna St.	OR_LID_162	5649_A6	Wooded intermitent flow convance with erosion problems and heavily littered & dumping, including electronics, drain at bottom that is clogged.	Remove litter and dumped items especially electronics that may have a negative impact on water quality, unclog drain and repair erosion using regenerative stormwater conveyance.	650 SAVANNAH STREET SE	0.57	\$42,440
Stanton Road and Mississippi Ave.	OR_LID_163	5649 D6	Heavy erosion on stream bank from storm sewer outfall.	Regenerative stormwater conveyance.	Stanton Road and Mississippi Ave. SE	3.61	\$270,933
South of AREC parking lot	OR_LID_164	5649 D6	Heavy erosion in stream bank from a 33" culvert with low flow	Regenerative stormwater conveyance with bank stabilization and potential culvert removal.	1901 Mississippi Ave SE	0.65	\$48,445
Northwest corner of P.R. Harris Recreation center	OR_LID_165	5648 K9	Tennis court drains into storm drain causing erosion in stream.	Regenerative stormwater conveyance treat stormwater running off from pipe	Livingston and South Capitol St SE	1.60	\$119,815

Lower reach of Oxon Run- 100 yards south of South Capitol St	OR_LID_166		Erosion from 24 inch diameter outfall.	Regenerative stormwater outfall.	1st St SW and South Capitol St	0.80	\$59,824
Congress Heights Recreation Center	OR_LID_167	5649_A6	Large grassy field, tennis courts, basketball courts, small building and parking area. Large ammount of erosion on the southeast and southwest sides of the tennis courts.	Regenerative stormwater outfall and stabalization of the slope on the southwest side of the courts to fix erosion.	650 SAVANNAH STREET SE	0.74	\$55,432