
GREENPRINT

MILWAUKEE SHORELINE MASTER PLAN

PHASE I- WAR MEMORIAL CENTER NORTH PARKING LOT

JANUARY 2018





GRANT AGREEMENTS



MMSD

Milwaukee Metropolitan Sewerage
District

Green Infrastructure Partnership Program

MMSD

\$366,966

- **Design & Construction**
\$358,816
- **O&M (3 years)**
\$8,150
- **Cost Reimbursement**



NFWF

National Fish and Wildlife Foundation
SOGL - Sustain Our Great Lakes 2017

NFWF

\$473,826

- **Design & Construction**
\$455,676
- **O&M (3 years)**
\$18,150
- **Cost Reimbursement**



FFLM – The Fund for Lake Michigan

FFLM

\$125,000

- **Design & Construction**
\$115,000
- **O&M (3 years)**
\$10,000
- **Direct Grant**

For entire project - Milwaukee County match **\$516,966**

GRANT AGREEMENTS



- **Innovative measures** for wet weather management that are cost effective, sustainable, and environmentally friendly
 - 87,120 s.f. – Native landscaping
 - 20,250 s.f. – Porous pavement
 - 7,600 s.f. – Bioswale
 - 152,598 gal. retention capacity
- **2-years to complete after execution**
- **Educational signage**



- **2-years to complete after execution**
- **70% of grant funding on-the-ground work**
- Improve Great Lakes basin habitat and water quality
- Recommended metrics
 - Reduction of annual stormwater runoff
 - Impervious pavement
 - Green Infrastructure



- **Enhance ecological health** of shoreline and coastal areas
- Habitat **preservation, restoration, and improvement** through stormwater runoff improvement
 - Pollutant reductions in toxins and nutrients (phosphorus)
- **On-the-ground work with direct impact**
- Following ideas presented in Greenprint Phase I Plan

3-YEAR GREEN INFRASTRUCTURE OPERATION & MAINTENANCE

- **3-year - \$36,300** plant warranty included within grant agreements for vegetation establishment
 - NFVWF - \$18,150
 - FFLM - \$10,000
 - MMSD - \$8,150
- Continuing, **War Memorial Center** will allocate funds within annual budget to ensure GI is sustained
 - Annual GI maintenance estimated approximately \$5,200

