

Identifying Funding Resources for Your MS4 Program

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MS₄ Requirements

- Public education and outreach
- Public involvement and participation
- Illicit discharge detection and elimination
- Construction site runoff control
- Post-construction stormwater management in new development and redevelopment
- Pollution prevention and good housekeeping for municipal operations and maintenance

MS₄ Programs

- Severely underfunded
- Low priority for municipalities
- High demand on general funds
- No dedicated funding source
- In reality – MS₄ Programs is Infrastructure
- Need to rethink and rebrand as Infrastructure

Funding Sources

- Limited for MS₄
- Many are singularly focused
- Rethink MS₄ Programs as Infrastructure
- Rethink MS₄ Programs as part of multi-benefit solutions
- Integrated Funding

Integrated Infrastructure

- Benefits overlap with other infrastructure
- Program strategies can be integrated
- Integrate capital project implementation
- Integrate public education
- Integrate monitoring/detection
- Work at every scale
- It is all about WATER

Integrated Capital Programming

- Water
- Wastewater
- Roadway construction & reconstruction
- Public spaces – parks, schools, libraries, civic bldgs.
- Drainage
- How can we collaborate across silos?

Merge Floodplain & Stormwater Management

- Funding
- Implementation
- Monitoring
- Development codes
- Green Infrastructure – Green Stormwater Infrastructure

Existing Federal Funding

- WRDA – America’s Water Infrastructure Act of 2018
- Hazard Mitigation Grant Program
- Resilience Program
- FEMA Recovery Funds
- Make it all about WATER

Potential State Funding

- Bonds
- Green Bonds
- Social Impact Bonds
- Revolving Loan Funds
- Low Interest Loans

Potential Local Funding

- General funds
- Municipal bonds
- Permit fees
- Stormwater utilities – gross area/month & impervious area/month

Potential Local Funding

- Inspection fees
- In lieu
- SWPPP fines
- Business improvement district grants – SW & DDD
- Stormwater incentive programs – grants, must maintain
- Rainwater as commodity
- Community Based P3

Foundations

- Education
- Small construction
- Low income & minority neighborhoods
- Community improvements
- Workforce development

Multiple Purposes & Benefits

- Water quality
- Flood risk reduction
- Resiliency
- Restore hydrologic integrity of watersheds
- Mitigate urban heat island effect
- Save energy
- Workforce development
- Wealth building for communities of social & economic issues

Community Based P3 - CBP₃

- Municipal & private developer partnership
- Community based advisory board
- Benefits local community
- Multiple benefits

Community Based P₃ - CBP₃

- Private capital upfront
- Leverages public funds
- Aligned goals & purpose
- Long-term commitment to maintenance
- Drives small business & economic development
- Workforce development
- New highways – a model for decades

CBP₃ Community Benefits

- Water quality
- Flood risk reduction
- Small & disadvantaged business opportunities
- Community investment & stewardship
- Can produce and deliver value

Conclusions

- Integration of programs & projects
- Across government silos
- Creative solutions – multiple benefits
- Singularly targeted funding can also fund other needs
- Community involvement - meaningful

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