

# Urban Conservation In Iowa



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# IDALS's Urban Conservation Team



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# Traditional Funding for Urban Conservation in Iowa

- EPA Sec 319 funded watershed projects
- State funded (WSPF) watershed projects
- REAP cost-sharing for urban BMP's if local SWCD choose.
- Municipal cost-sharing from SW Utility fees



# Three Breakthroughs

- Partnerships with DNR and IA Economic Development Authority (IEDA).
- **DNR's SRF Sponsored Projects**
- **IEDA's Green Streets Criteria for CDBG** and other funding mechanism (\$6.4 million this year)
- **IDALS's UC's provide Technical Assistance** for project development and approval of practice designs
- Nutrient Reduction Strategy ... Water Quality Initiatives ... 9 urban demonstrations funded - ~\$600,000 worth of projects. (36 appl's rec'd requesting ~\$3 million) (~\$11 million for ag projects)



# Stream Corridor Restoration















# Infiltration-Based BMP's

- Green Roofs
- Rainwater Harvesting
- Soil Quality Restoration
- Native Landscaping
- Porous Pavement
- Bioretention
- Bioswales



# Rainwater Harvesting



# Soil Quality Restoration





PROUDLY PRESENTS:  
**HOME # 68**  
IN PARTNERSHIP WITH  
Scott County Housing Council  
Family Health Estimate  
Wells Fargo









4945

# Early Spring



Yard with fall  
applied compost



# **Native Landscaping:**

(Beautiful & hydrologically functional landscapes – 30% of any site)







# Native Turf



# Permeable Pavement



# West Union, Iowa





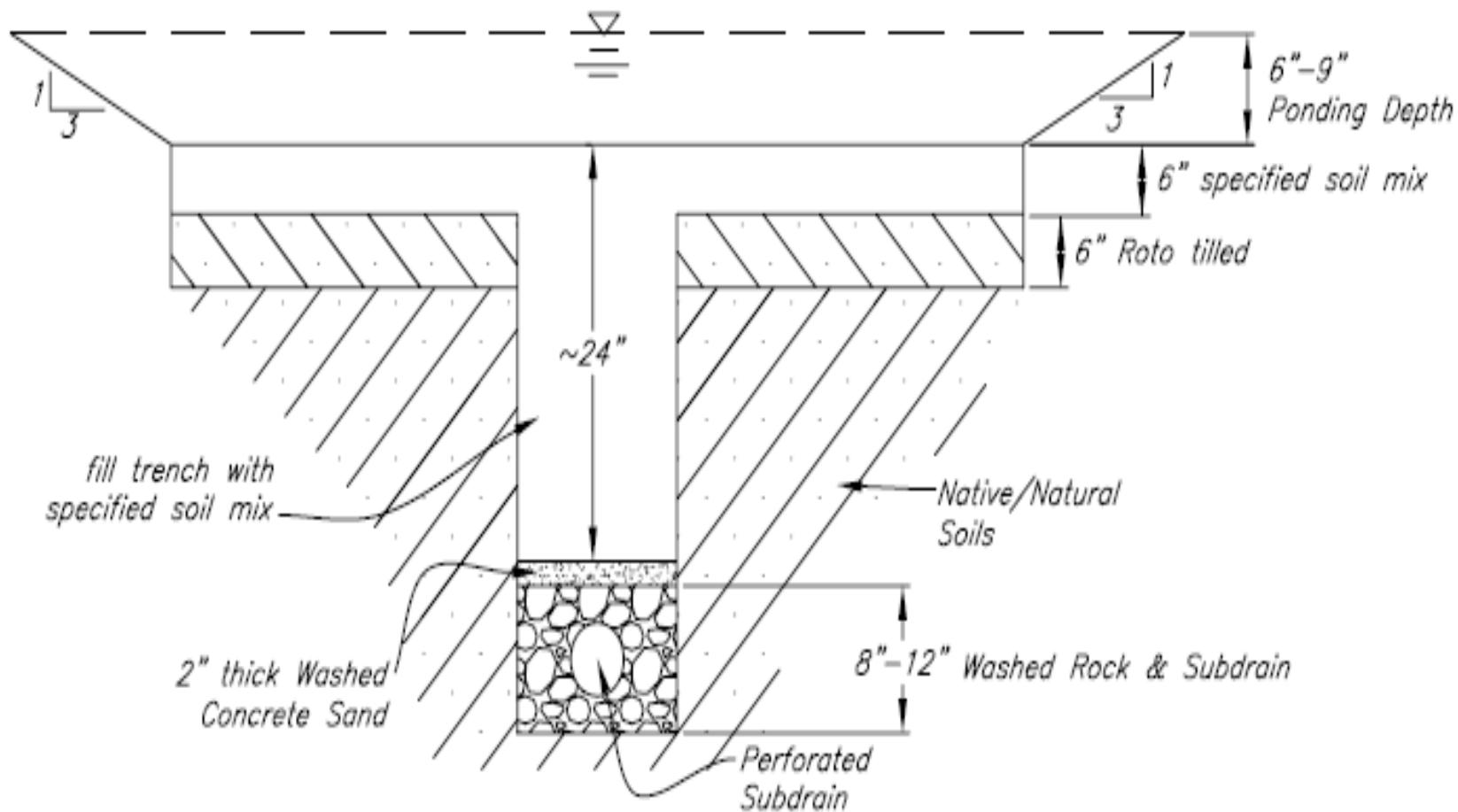
# Bioretention (Rain Gardens)







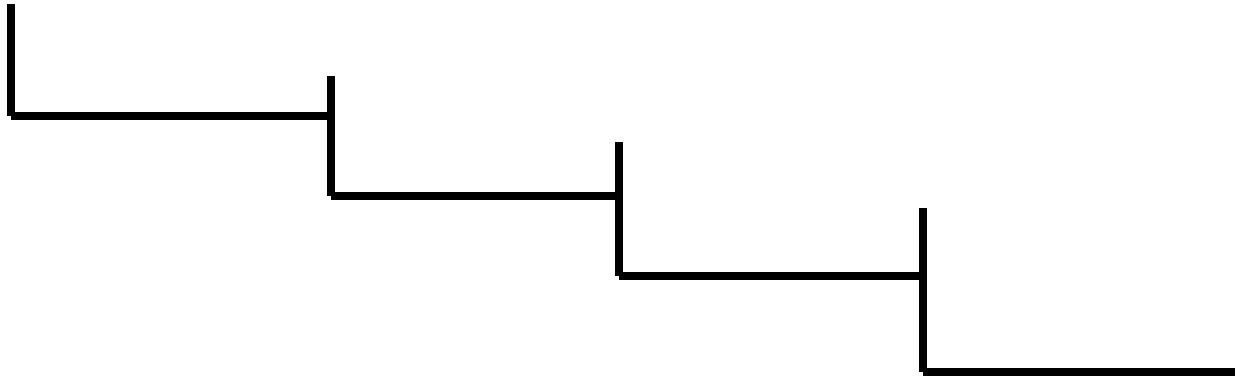
## Enhanced Rain Garden Cross Section



Percolation Rates of 0.5"/hour to 1"/hour



# Von Maur - Coralville



VON MAUR

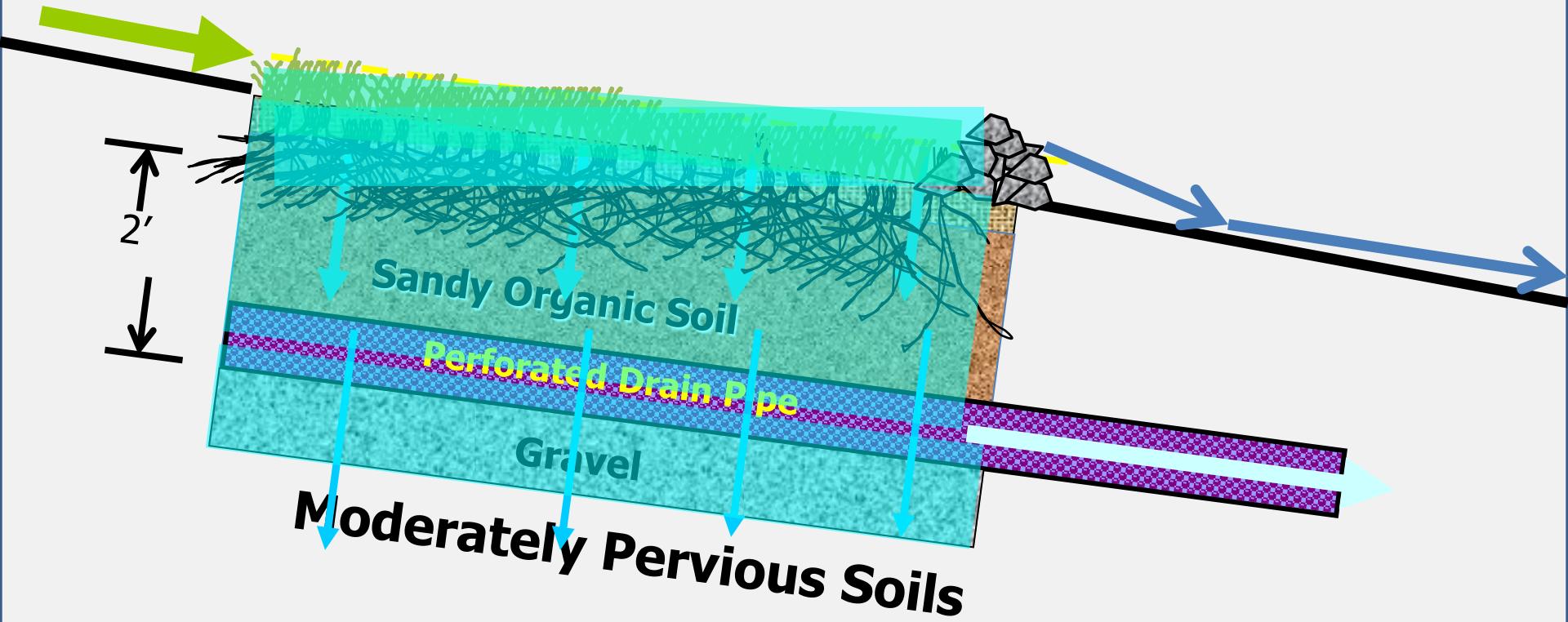


# Road Ditch Bioswales

## East Okoboji Beach







# Iowa's First (Pilot) Sponsored Project

Dubuque's Green Alley Program





City of Dubuque  
Green Alley

Main Street Dubuque  
**DUBUQUE**  
Mastery lies on the Mississippi

# Iowa's Second SRF Sponsored Project to break ground

City of Clinton  
Multi-practice remake of old  
downtown – to be completed this  
construction season.







# Iowa's First Completed Sponsored Project









Labor & Culture Center

FAMILY AQUATIC CENTER

