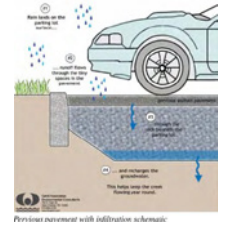
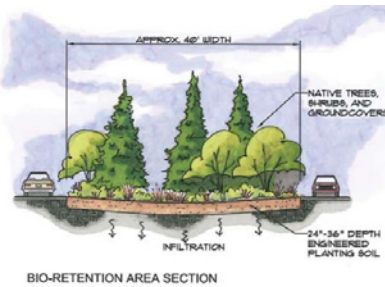


Small Business Support of Sustaining Ox Creek

Brookfield Dodge Dealership is utilizing several types of techniques to help improve the health and water quality of Ox Creek Watershed. The investments also are ways of beautifying the curb appeal of the business, and creating a nicer experience for local customers.



Examples of Structural Best Management Practices

The goals of these practices are to improve water quality issues caused by stormwater volume, thereby reducing contaminant and sediment run-off that degrade the habitat and flow to other water sources
“Water – slow it down, spread it out, soak it in!”

NEAR TERM IMPLEMENTATION



***BIORETENTION (Rain Garden)**
 A shallow surface depression planted with specially selected native vegetation to capture and treat storm water runoff from rooftops, streets, and parking lots.
BENEFITS:
 Volume control and groundwater recharge, moderate peak rate control, filtration, versatile with broad applicability, enhance site aesthetics and habitat, and potential air quality and climate benefits.
COST: Low/Med
 Commercial/Industrial \$10-\$40/ft.²
 Residential \$4-\$6/ft.²

***VEGETATED SWALE**
 A shallow storm water channel that is densely planted with a variety of grasses, shrubs, and/or trees designed to slow, filter, and infiltrate storm water runoff.
BENEFITS:
 Can replace curb and gutter for site drainage and provide significant cost savings, water quality, and peak and volume control with infiltration.
COST: Low/Med
 \$15-\$20/foot

LONG TERM SUGGESTED OPTIONS



RIPARIAN BUFFER RESTORATION
 An area of land that exists between low, aquatic areas such as rivers, streams, lakes, and wetlands, and higher, dry upland areas such as forests, farms, cities, and suburbs.
BENEFITS:
 Water quality, ecological and aesthetic value, and low cost.
COST: Low to Low/Med
 \$200-\$500/acre



PERVIOUS PAVEMENT WITH INFILTRATION
 A combination of storm water infiltration, storage, and structural pavement consisting of a permeable surface underdrain by a storage reservoir.
BENEFITS:
 Volume control and groundwater recharge, moderate peak rate control, and dual use for pavement and storm water management.
COST: Med to High
 Cost depends on site prep and materials used.

*Brookfield Dodge Project is estimated at \$250,000 to remove 8,000 ft.² of pavement and install 8,000 ft.² of Bioretention plus 14,200 ft.² of Vegetated Swale.

OUR PARTNERS



BE PART OF THE FUTURE DEVELOPMENT!

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