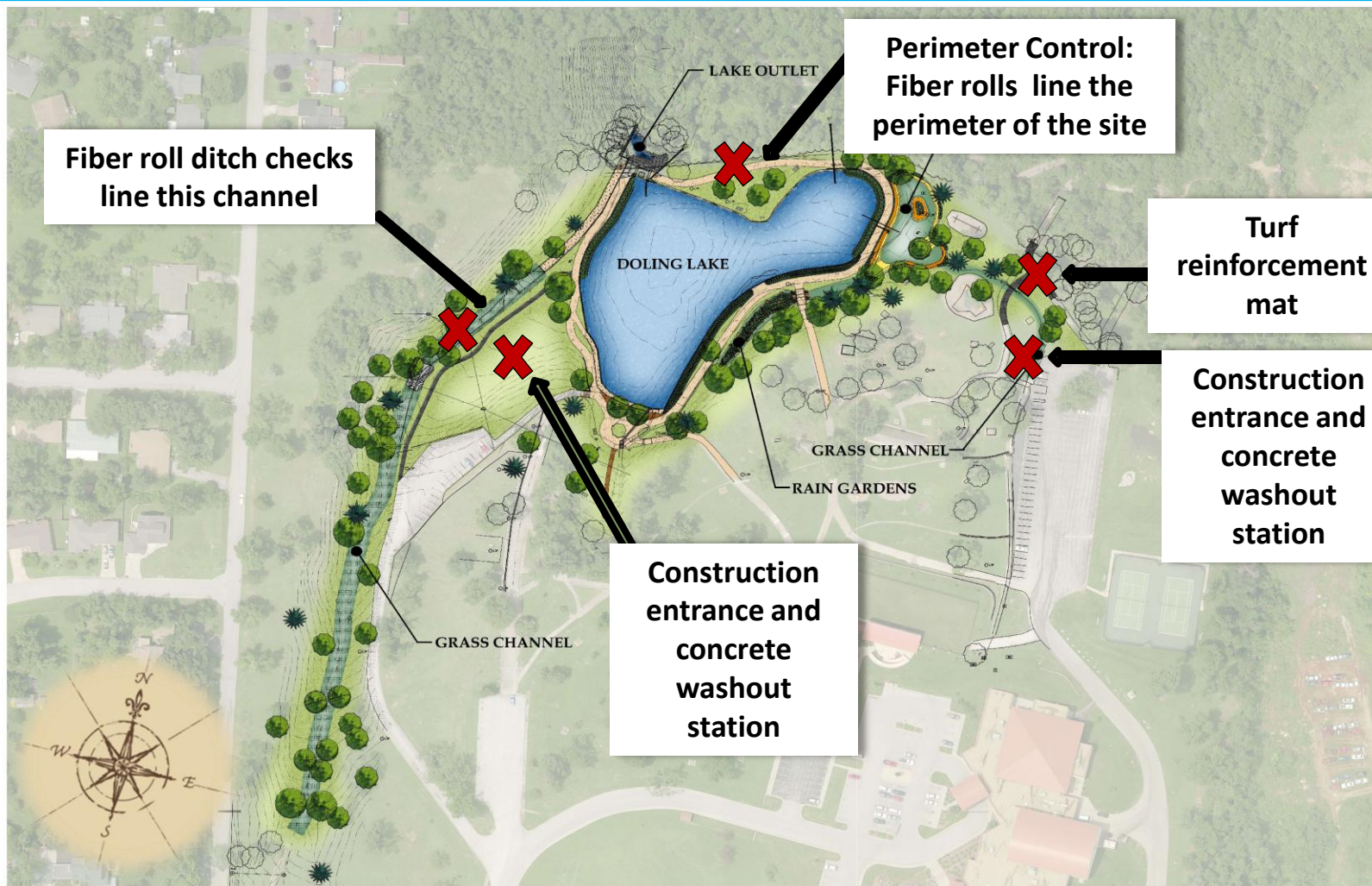


Best Management Practices (BMPs) are everywhere



DOLING PARK CONCEPT PLAN
SPRINGFIELD, MISSOURI



Scale: 1" = 40'



Best Management Practices (BMPs) are at Doling Park

Fiber Roll Ditch Checks: ❌

Ditch checks are placed along this channel to reduce scour and erosion caused by high flow velocity. As water reaches the ditch checks, it is slowed down, and sediment is allowed to settle out at the base of the fiber rolls.

Perimeter Control: ❌

Fiber rolls, large netted rolls filled with fiber or compost material, are placed around the downhill boundaries of land disturbance activities. During storm events, the fiber rolls slow the speed of runoff as it moves down the slope, and this encourages sediment to settle out, ultimately protecting the water quality of Doling Park Lake.

Turf Reinforcement Mat: ❌

In channelized areas that experience high flow, turf reinforcement mats are used to reinforce the roots of desired vegetation. These mats stabilize soils and provide protection for growing roots systems.

Construction Entrance/Exit: ❌

The two construction entries are designed to prevent “track-out,” the muddy tire tracks you sometimes see leaving construction sites. They are composed of about 6” of crushed limestone rock, and all vehicles moving into and out of the site must pass over this BMP. Mud and sediment fall off of tires as they bounce along these stabilized entries.

Concrete Washout Station: ❌

During masonry work, concrete equipment must be rinsed, and wash water must be contained in a washout station. The concrete washout station at Doling Park is surrounded by straw bales and contains an interior liner. Polluted wash water is deposited here and allowed to harden. The hardened cement no longer poses a threat to water quality and can be removed as needed.

