



City of Smyrna
Attn: Richard Garland
Parks and Recreation
Smyrna, GA

May 17, 2018

North Cooper Lake Park

Bike Park and Trail Descriptions

This multi-use trail system consists of a variety of Beginner and Intermediate level riding opportunities as well as some Purpose-Built trails optimized for hikers and dog walkers. The stacked loop design allows users to choose to stay on a specific trail or enjoy multiple loops for an extended experience.

The open space area consists of a Bicycle Playground and Slopestyle trails, providing the opportunity for families and riders of all ages and skill levels the opportunity to practice and hone their skills.

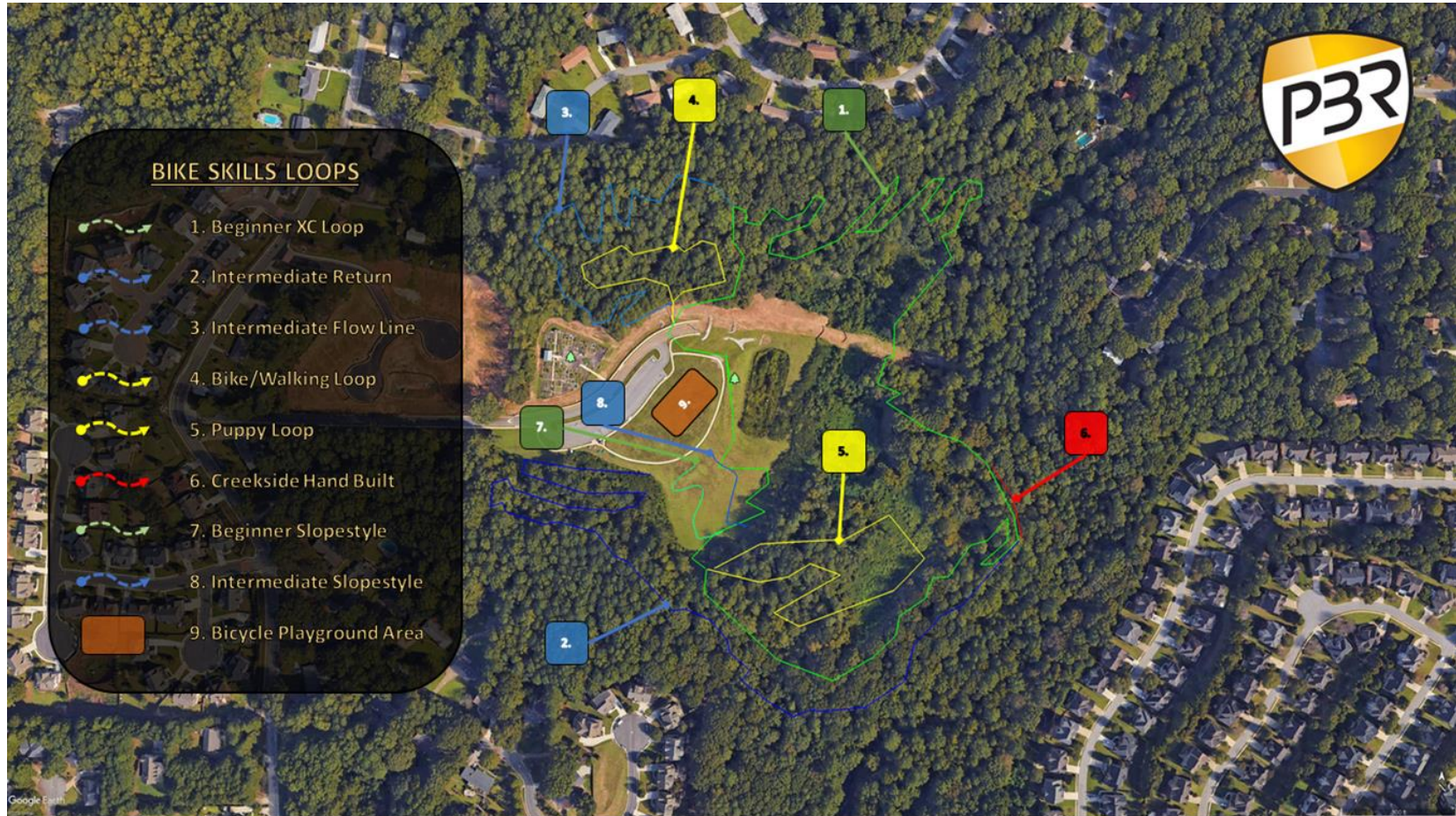
1. **The Beginner XC Loop** is just over 1 Mile of classic cross country style trail beginning at the existing pedestrian bridge and is optimized for clockwise directional flow but has sufficient site lines for bi-directional use, tying into the existing trail at the Lower Pedestrian Bridge, bypassing intermediate flow line, and terminates below the park in order to access the open space area. Riders can continue to a secondary terminus to directly access the parking lot or continue riding the loop for multiple laps. The tread width is to be 2-4 foot wide with a 6 foot minimum corridor. Tread texture is very smooth with no loose or protruding rocks or roots with a maximum tread slope of 5%. It will require 2-3 short bridges totaling 20 feet.
2. **The Intermediate Flow Line** and Intermediate Return offer alternates to the Beginner XC Loop for a slightly more advanced riding experience. They are optimized for clockwise directional riding and provide approximately 4,700 linear feet of additional trail consisting of 3-foot tread with a natural texture of rocks and roots as well as steeper tread pitch of 6-10%. It will require 5 small bridges totaling 40 feet in length.
3. **The Intermediate Flow Line** begins at the pedestrian bridge, goes left with 2 climbing turns and has a 3-foot wide tread with a feature-rich decent incorporating rock alternate lines and multiple large bermed turns with jump opportunities between each turn. This trail ties back into the bi-directional Beginner XC Loop allowing riders to “session” this trail if they prefer the intermediate flow line experience.
4. **The Bike/Walking Loop** is just under 1000 linear feet of multi-use trail and begins at the pedestrian bridge going straight up the existing trail (which has a 25% tread slope) and loops back to the bridge. It can also be accessed at a more gentle slope by going left at the bridge. This section has a 4-foot tread with no protruding rocks or roots.



5. **The Puppy Loop** is situated below the park and is ideal for the dog walker or family stroll. It consists of a 4 foot wide tread optimized for hiking and walking and is about 1600ft in length.
6. **The Creekside Hand Built** trail is an optional, hand-built section with 2 foot tread width and is 300ft in length. This trail will be on steep side slope, close to the creek and will provide water access.
7. **The Beginner Slopestyle** trail provides an introductory experience to the Urban Bike Park experience. This downhill direction trail follows the existing slope of the hill in the open space and consists of sweeping berm turns and Sustainable Bike Park features giving beginner riders the opportunity to get some air or casually flow down the trail and roll over the park features as they build confidence and hone their basic skills.
8. **The Intermediate Slopestyle** trail provides progression opportunity as riders graduate from the Bicycle Playground and Beginner Slopestyle trail. Following the existing slopes of the hill in the open space, this trail takes a steeper line allowing riders to maintain momentum as they ride up and over the Sustainable Bike Park Features. The Bike Park features are taller and encourage the riders to get air. This trail is still “Rollable” and leads into an exciting Intermediate Curved Wall feature to finish out the run.
9. **The Bicycle Playground** is a space designed specifically for young and beginner riders. Requiring little to no maintenance, this area consists of low lying, wide tread beginner skills features and a modular Pre-Cast Concrete Pumptrack. Kids and Families can play and learn basic riding skills in the safe and centralized area.



Concept Map

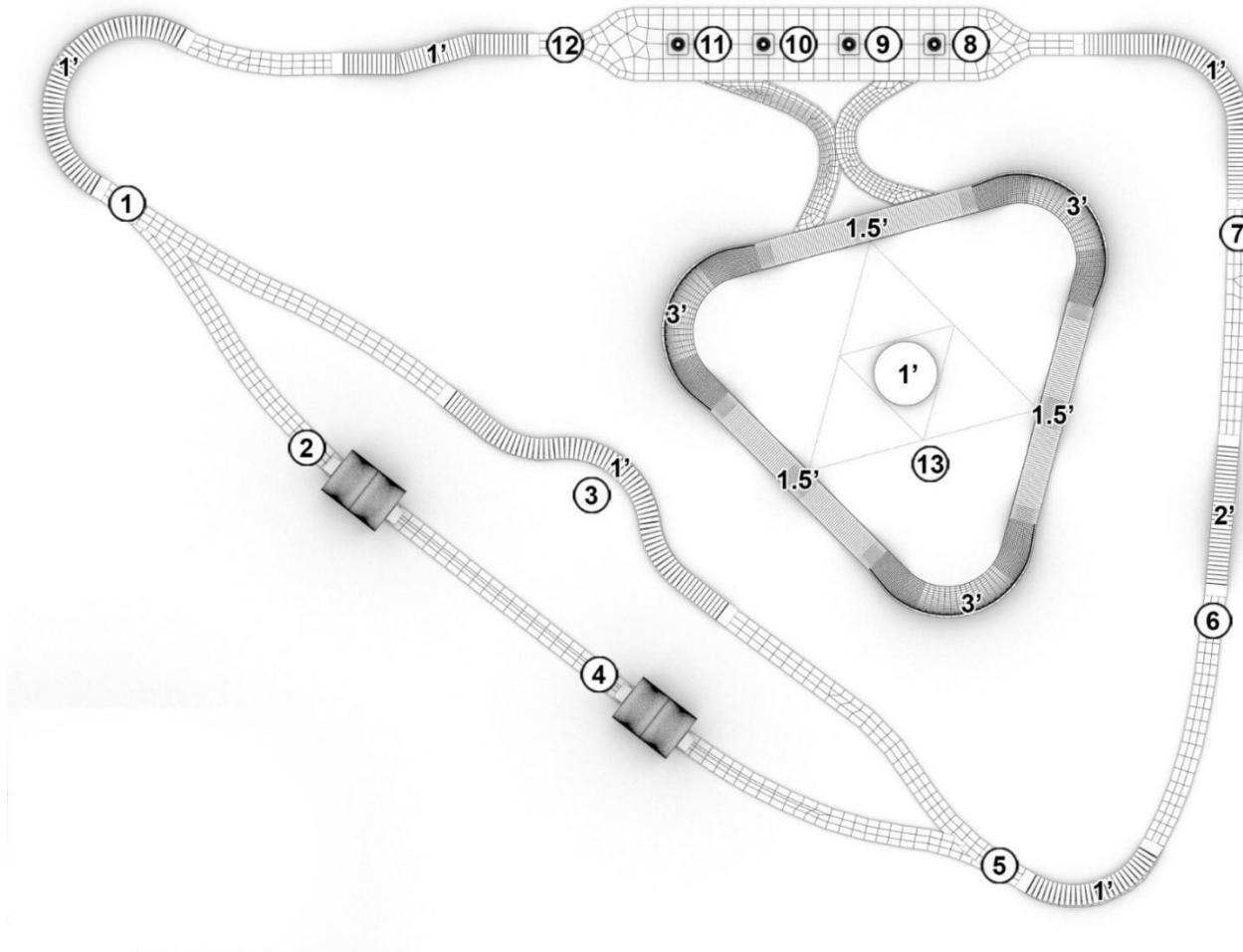




Progressive Bike Ramps | 601 S. McKinley | Joplin, MO 64801 | 417.288.4466

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Bicycle Playground Area





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