

HMA PUMPTRACK SPECIFICATION

1. Work on an HMA surfaced pumptrack includes but is not limited to providing field design and construction of an HMA-Surfaced pumptrack:
 - A. Field design and construction of an HMA-Surfaced Pump Track for all ages and riding abilities.
 - B. The ability to ride Bikes, Skateboards, Rollerblades and Scooters.
 - C. At most a Class ½ inch HMA paving riding surface.
 - D. Importing all materials required to complete the work
 - E. Coordinating operations with other work of the project.
2. QUALITY ASSURANCE
 - A. Contractor is required to measure all sub grades and finish grades to laser level accuracy and shall provide a last level on site for the owner to use for checking if desired.
 - B. Subgrades: plus or minus .05 foot in ten (10) linear feet of Design elevations.
 - C. Other unpaved areas plus or minus 0.1 foot in ten (10) linear feet from design.
 - D. Compaction fills, embankments, finish grades, and all imported aggregates to a maximum 95% dry density (MDD as determined by ASTM: D 1557 or as otherwise noted.
3. FIELD SURVEYING

Field surveying shall be conducted to be laser accurate to one hundredth of one foot.

Laser level shall be present on site and available for use by owner to check grades.

4. PUMP TRACK DIMENSIONS

START PLATFORM HEIGHT - 4 FT TALL

BERM HEIGHTS - 4FT TALL

PUMP SPACING - 8-17 FEET - Varies by height

BERM RADII - 90-180 degree

5. PROTECTION OF EXISTING FACILITIES

A. UTILITIES: The Contractor shall protect from damage, private and public utilities.

Verify the locations of underground utilities, call 811 for locations a minimum of 48 hours prior to excavation. Verify location of utilities and identify those to remain intact and in continuous operation. Protect active utilities encountered.

B. PAVEMENT: The Contractor shall protect from damage all new and existing pavement or paved areas including curbs and walk intended to remain. Contractor shall be responsible for replacement if damage occurs to pavement or curbs.

6. BARRIERS AND SAFETY

Provide for protection as required by state department of labor and industries.

7. GEOTEXTILE FABRIC

A. Geotextile Fabric shall comply and be non-woven Geotextile for separation.

8. EXECUTION

- A. Prior to all work, the contractor shall become thoroughly familiar with the site conditions. Prior to commencing the track construction, all site surface water shall be collected and routed away from the work areas to facilitate the work.
- B. Delays may occur due to inclement weather. It shall be the Contractor's responsibility to immediately notify the Owner and request an extension fo completion time for justified reasons.

9. FINISH ELEVATIONS AND LINES

Elevations shown on drawings indicate the general, finished heights for all berms and rollers. Elevations shown are measured from the finished sub grade. Finish elevations for all berms, rollers, and track features may vary from those indicated to ensure the final layout is well designed, safe, and the pumptrack is functioning as it should.

10. FILL AND COMPACTION - GENERAL

- A. Spread subgrade in loose lifts not to exceed 10" in thickness. Each lift shall have the optimum moisture content and must be compacted to 95% compaction prior to placing the next lift.
- B. Water or aerate the fill material as necessary.
- C. Repeat compaction process until finish grade is attained.

11. HMA SURFACING

- A. Owner will be notified before HMA is applied. This is the period for inspection and payment before HMA phase begins.

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- B. HMA will be hand placed and compacted to a depth of 3” with a drum roller or plate compactor.

12. GRADING

Except as otherwise directed by the Owner, perform all rough and finish grading required to attain the elevations required for an acceptable pumptrack. Provide the grading to an elevation to allow for finish materials and to achieve a smooth transition to undisturbed grades at the project perimeter.

13. DISPOSAL OF EXCESS MATERIALS

- A. Excavated material in excess of the material used to attain finish grades shall be considered Common Barrow and spread on site.
- B. Remove unacceptable excavated material (material that is not mineral soil), including but not limited to trash, rebar and woody debris shall be hauled off-site and disposed of in a legal manner.