**Scope of work for Pro Bono Mapping Hours**

1. Verify integrity of all trail segments –
   1. Verify that each trail segment terminates at the location of parking area, or numbered waypoint so that the segment length, from point to point, is accurate.
2. Create new ‘pkSegmentID’ field in the trail segments table –
   1. We wish to add a new, calculated field (*named pkSegmentID*) that would endow a permanent identifier to each trail segment which can be used as a ‘foreign key’ in other tables to relate other data elements to a trail segment.
3. Create a new ‘HikeDifficulty’ field in which we could enter a numeric score on a scale of 1 – 10
4. Create a new ‘TrailCondition’ field in which we can enter a numeric score on a scale from 1 – 10
5. Create a new ‘BlazeColors’ field in which we can enter a text value (from a drop down list?). (i.e. Blue, Yellow, Orange, etc.)
6. Create a new ‘MapName’ field in which we can enter a text value (from a drop down list?) (i.e. North, Middle, South, Prospect, etc.)
7. Provide an means of periodic export of revised trail segments table –
   1. After adding the new fields, export the segments table to a CSV file. This CSV file should include ALL fields from that table
8. Import new auxiliary data and link to trail segments –   
   The trail stewards will build tables that will associate various ancillary data that will be ‘linked’ to existing trail segment records via the new . The data will include:
   1. Waypoint Post Numbers – The start/end points per segment
   2. Trail Adopters per segment provide files in preferred format

Export of the GIS table for our trail system with new fields shown in green

