

**REPORT OF SOILS FIELD COMPACTION TESTING**

**CLIENT:** Better Built Homes  
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**PROJECT:** Rivers Peak  
Barrington, NH

**DATE:** May 6, 2016

**REPORT #:** 16-10-025-001

**General Location:** Roadway, Base Course  
**Field Rep:** Dave Grodan  
**Contractor:** Better Built Homes  
**Earthwork:** Better Built Homes  
**Air Temp:** 50°F  
**Weather:** Cloudy  
**Soil Type:** 3" Minus Sand & Gravel  
**Soil ID#:** 16-378  
**Sample Source:** Onsite, Station #10-00

**Proctor Value:** 141.9 lbs/ft<sup>3</sup>

**Optimum Moisture:** 4.8%

**Gauge Type:** Troxler 3430

**Required Compaction:** 95.0%

| TEST<br>NUMBER                                 | DEPTH/ELEV.<br>(in/ft) | MOISTURE<br>(%) | DRY<br>DENSITY | COMPACTION<br>(%) |
|------------------------------------------------|------------------------|-----------------|----------------|-------------------|
| 1                                              | 10"/Base Course        | 3.1%            | 139.4          | 98.2%             |
| LOCATION: 50' off Boulder Road, Centerline     |                        |                 |                |                   |
| 2                                              | 10"/Base Course        | 2.0%            | 144.2          | 100+%             |
| LOCATION: Station 3+00, 3' Right of Centerline |                        |                 |                |                   |
| 3                                              | 10"/Base Course        | 2.7%            | 139.5          | 98.3%             |
| LOCATION: Station 5+00, 3' Left of Centerline  |                        |                 |                |                   |
| 4                                              | 10"/Base Course        | 2.9%            | 143.3          | 100+%             |
| LOCATION: Station 6+00, 4' Left of Centerline  |                        |                 |                |                   |
| 5                                              | 10"/Base Course        | 2.3%            | 142.6          | 100+%             |
| LOCATION: Station 8+50, Centerline             |                        |                 |                |                   |
|                                                |                        |                 |                |                   |
| LOCATION:                                      |                        |                 |                |                   |
|                                                |                        |                 |                |                   |
| LOCATION:                                      |                        |                 |                |                   |
|                                                |                        |                 |                |                   |
| LOCATION:                                      |                        |                 |                |                   |
| REMARKS:                                       |                        |                 |                |                   |