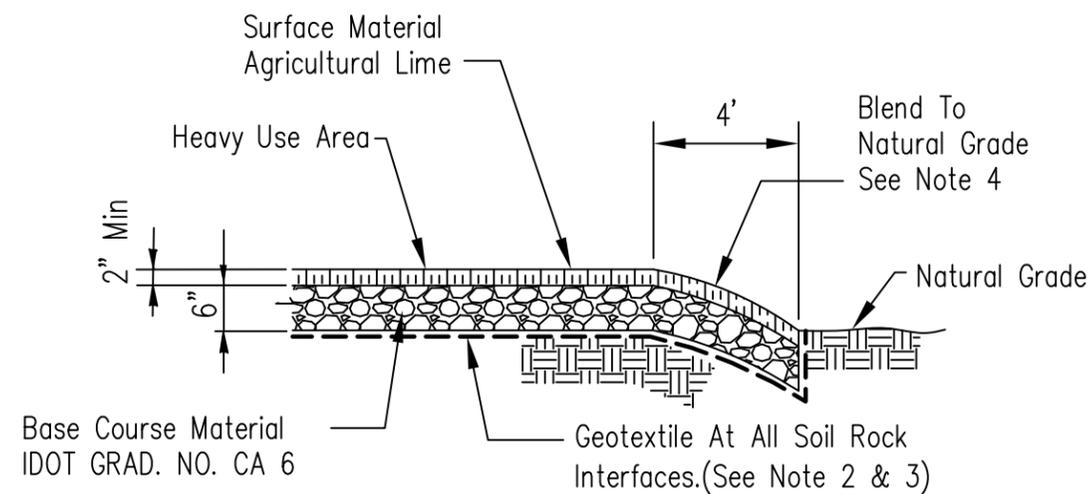


Compacted Aggregate  
 Surface Material  
 Base Course  
 Geotextile

**ISOMETRIC VIEW**

**NOTES:**

1. Compact the base course and surface aggregate materials with the track or tire of the equipment used for construction to ensure a smooth uniform foundation without depressions or irregularities.
2. Geotextile (non-woven, needle punched) Minimum criteria:  
 Grab tensile strength (lb) ASTM D4632 \_\_\_\_\_ 202  
 Elongation at failure (%) ASTM D 4632 \_\_\_\_\_ ≥ 50  
 Trapezoidal tear strength (lb) ASTM D 4533 \_\_\_\_\_ 79  
 Puncture strength (lb) ASTM D 6241 \_\_\_\_\_ 433  
 Ultraviolet light (% retained strength) ASTM D 4355 \_\_\_\_\_  
 \_\_\_\_\_min 50  
 Apparent opening size (AOS) ASTM D 4751 \_\_\_\_\_  
 max 0.22 mm (US sieve size70)  
 Permittivity sec<sup>-1</sup> ASTM D 4491 \_\_\_\_\_min 0.70
3. Any geotextile splices must overlap a minimum of 18 inches.
4. Where the heavy use area is to be placed adjacent to a concrete structure, set the heavy use area at elevation and grade specified on the structure drawing.



Base Course Material  
 IDOT GRAD. NO. CA 6

**TYPICAL SECTION**

IDOT = Illinois Department Of Transportation

**BILL OF MATERIALS**

Heavy Use Area							
Pad Length L	Ft						
Pad Width W	Ft						
Surface Material Agricultural Lime	Tons						
Base Course IDOT CA 6	Tons						
Geotextile	Sq.Yd.						

Date \_\_\_\_\_  
 Designed \_\_\_\_\_  
 Drawn M. QUINONES 7/1/16  
 Checked \_\_\_\_\_  
 Approved \_\_\_\_\_

**GRAVEL AREA PROTECTION  
 HEAVY USE AREA PROTECTION**

United States  
 Department of  
 Agriculture  
**USDA**  
 Natural Resources  
 Conservation Service

File No.  
 IL-ENG-870

Drawing No.  
 Page 1 of 1

Sheet of

Landowner		Location	
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