

## **Soil Sample Analysis Summary**

Soil samples are taken every approximate 100 yards (about 100 meters) to obtain representative soil information. If the soil is quite uniform, longer distances between sample points can be used. A stake is used to mark the sampling location. Sampling is done by excavating a hole in the road bed, about 6 to 8 inches (15 to 20 cm) in diameter to a depth of 6 to 8 inches (15 to 20 cm). The removed soil is tested in a local soils laboratory.

### **1. CLIENT INFORMATION**

Client Name: \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Contact Title: \_\_\_\_\_  
Contact Phone/FAX/E-mail: \_\_\_\_\_

### **2. PROJECT DESCRIPTION**

Town Name: \_\_\_\_\_  
Street Name: \_\_\_\_\_  
Mile Market: \_\_\_\_\_

Date Soil Sample Collected: \_\_\_\_\_  
Date Results Reported by Lab: \_\_\_\_\_  
Date Results Submitted to NPI: \_\_\_\_\_  
Date Analysis Received from NPI: \_\_\_\_\_

Sample of:     Road Base                       Sub-base                       Shoulder  
                  Other: \_\_\_\_\_

Surface Treatment: \_\_\_\_\_  
Road Structure: \_\_\_\_\_

### **3. SOIL ANALYSIS**

<b>Analysis Results</b>	<b>Sample Results</b>
% retention 2.5 inch sieve (> 62.5 mm)	
% retention 2.0 inch sieve (> 50 mm)	
% retention 1.5 inch sieve (> 37.5 mm)	
% retention 1.0 inch sieve (> 25 mm)	
% retention 0.75 inch sieve (> 19 mm)	
% retention 0.5 inch sieve (> 12.5 mm)	
% retention 0.375 inch sieve (> 9.52 mm)	
% retention #4 sieve (> 4.75 mm)	
% retention #10 sieve (> 2 mm)	
% retention #40 sieve (> 0.425 mm)	
% retention #100 sieve (> 0.150 mm)	
% retention #200 sieve (> 0.075 mm)	
% retained in pan (< 0.075 mm)	
Liquid Limit (LL) (soil passing #40)	
Plastic Limit (PL) (soil passing #40)	
Plasticity Index (%)      PI = LL - PL	
Soil pH	
<b>Other Testing:</b>	
Optimum Moisture Content--Std. Proctor	
Calif. Bearing Ratio (CBR) - Unsoaked	

Please indicate where the sample was taken and the reference point, as well as any utilities, manholes, or other items of interest.

**Please complete and send to Nature Plus Inc. -- [info@nature-plus.com](mailto:info@nature-plus.com)**